## APPENDIX B

## Employment Projections 2012-2022

Data on Current Education Requirements for All 675 Detailed Occupations

Occupations in BEIGE are those in which 70 percent or more of the expected job openings between 2012 and 2022 will require no more than a high school degree.

Occupations in GREEN are those in which 70 percent or more of the expected job openings between 2012 and 2022 will require at least a Bachelor's Degree.

APPENDIX B


| Occupation |  |  |  |
| :---: | :---: | :---: | :---: |
|  |  |  |  |
|  | High School | associates | BA |
|  | or less | degree | or more |
| Tool Grinders, Filers, and Sharpeners | 75.80\% | 20.90\% | 3.30\% |
| Metal Workers and Plastic Workers, All Other | 75.80\% | 20.90\% | 3.30\% |
| Packers and Packagers, Hand | 75.70\% | 16.70\% | 7.60\% |
| Coating, Painting, and Spraying Machine Setters, Operators, and Tenders | 75.60\% | 17.70\% | 6.70\% |
| Painters, Transportation Equipment | 75.60\% | 17.70\% | 6.70\% |
| Painting, Coating, and Decorating Workers | 75.60\% | 17.70\% | 6.70\% |
| Industrial Truck and Tractor Operators | 75.10\% | 19.80\% | 5.10\% |
| Coil Winders, Tapers, and Finishers | 74.80\% | 20.20\% | 5.00\% |
| Electrical and Electronic Equipment Assemblers | 74.80\% | 20.20\% | 5.00\% |
| Electromechanical Equipment Assemblers | 74.80\% | 20.20\% | 5.00\% |
| Packaging and Filling Machine Operators and Tenders | 74.40\% | 22.20\% | 3.30\% |
| Hazardous Materials Removal Workers | 74.20\% | 15.00\% | 10.80\% |
| Counter Attendants, Cafeteria, Food Concession, and Coffee Shop | 73.60\% | 22.80\% | 3.60\% |
| Millwrights | 73.50\% | 23.40\% | 3.10\% |
| Machinists | 73.20\% | 23.70\% | 3.10\% |
| Janitors and Cleaners, Except Maids and Housekeeping Cleaners | 73.20\% | 21.60\% | 5.20\% |
| Building Cleaning Workers, All Other | 73.20\% | 21.60\% | 5.20\% |
| Fence Erectors | 73.00\% | 23.20\% | 3.80\% |
| Maintenance Workers, Machinery | 72.50\% | 12.90\% | 14.60\% |
| Cutting, Punching, and Press Machine Setters, Operators, and Tenders, Metal and Plastic | 72.20\% | 24.90\% | 2.90\% |
| Drilling and Boring Machine Tool Setters, Operators, and Tenders, Metal and Plastic | 72.20\% | 24.90\% | 2.90\% |
| Grinding, Lapping, Polishing, and Buffing Machine Tool Setters, Operators, and Tenders, Metal and Plastic | 72.20\% | 24.90\% | 2.90\% |
| Lathe and Turning Machine Tool Setters, Operators, and Tenders, Metal and Plastic | 72.20\% | 24.90\% | 2.90\% |
| Milling and Planing Machine Setters, Operators, and Tenders, Metal and Plastic | 72.20\% | 24.90\% | 2.90\% |
| Crane and Tower Operators | 72.10\% | 27.90\% | 0.00\% |
| Glaziers | 71.90\% | 17.90\% | 10.30\% |
| Print Binding and Finishing Workers | 71.70\% | 15.40\% | 12.90\% |
| Security and Fire Alarm Systems Installers | 71.40\% | 25.60\% | 3.00\% |
| Shoe and Leather Workers and Repairers | 71.20\% | 12.10\% | 16.70\% |
| Shoe Machine Operators and Tenders | 71.20\% | 12.10\% | 16.70\% |
| Semiconductor Processors | 69.80\% | 22.60\% | 7.60\% |
| Cleaning, Washing, and Metal Pickling Equipment Operators and Tenders | 69.80\% | 22.60\% | 7.60\% |
| Production Workers, All Other | 69.80\% | 22.60\% | 7.60\% |
| Transportation Workers, All Other | 69.70\% | 22.80\% | 7.50\% |
| Construction Laborers | 69.60\% | 22.50\% | 7.90\% |
| Operating Engineers and Other Construction Equipment Operators | 69.20\% | 26.20\% | 4.50\% |
| Crossing Guards | 69.00\% | 27.30\% | 3.70\% |
| Automotive Service Technicians and Mechanics | 68.90\% | 27.60\% | 3.40\% |
| Bus and Truck Mechanics and Diesel Engine Specialists | 68.60\% | 27.00\% | 4.40\% |
| Team Assemblers | 68.30\% | 24.60\% | 7.10\% |
| Assemblers and Fabricators, All Other | 68.30\% | 24.60\% | 7.10\% |
| Farm Equipment Mechanics and Service Technicians | 67.80\% | 29.00\% | 3.10\% |
| Mobile Heavy Equipment Mechanics, Except Engines | 67.80\% | 29.00\% | 3.10\% |
| Highway Maintenance Workers | 67.70\% | 21.60\% | 10.70\% |
| Carpet Installers | 67.60\% | 28.60\% | 3.80\% |
| Floor Layers, Except Carpet, Wood, and Hard Tiles | 67.60\% | 28.60\% | 3.80\% |
| Floor Sanders and Finishers | 67.60\% | 28.60\% | 3.80\% |
| Tile and Marble Setters | 67.60\% | 28.60\% | 3.80\% |
| Textile Bleaching and Dyeing Machine Operators and Tenders | 67.60\% | 32.40\% | 0.00\% |
| Textile Cutting Machine Setters, Operators, and Tenders | 67.60\% | 32.40\% | 0.00\% |
| Tool and Die Makers | 67.50\% | 30.00\% | 2.50\% |
| Dining Room and Cafeteria Attendants and Bartender Helpers | 67.50\% | 27.00\% | 5.60\% |

APPENDIX B

|  | Some |  |  |
| :---: | :---: | :---: | :---: |
|  | college or |  |  |
|  | High School | associates | BA |
| Occupation | or less | degree | or more |
| Food Preparation and Serving Related Workers, All Other | 67.50\% | 27.00\% | 5.60\% |
| Farmworkers and Laborers, Crop, Nursery, and Greenhouse | 67.30\% | 21.60\% | 11.10\% |
| Farmworkers, Farm, Ranch, and Aquacultural Animals | 67.30\% | 21.60\% | 11.10\% |
| Pipelayers | 67.20\% | 26.00\% | 6.90\% |
| Plumbers, Pipefitters, and Steamfitters | 67.20\% | 26.00\% | 6.90\% |
| Cooks, Fast Food | 66.90\% | 25.50\% | 7.60\% |
| Cooks, Institution and Cafeteria | 66.90\% | 25.50\% | 7.60\% |
| Cooks, Restaurant | 66.90\% | 25.50\% | 7.60\% |
| Cooks, Short Order | 66.90\% | 25.50\% | 7.60\% |
| Brickmasons and Blockmasons | 66.60\% | 27.90\% | 5.50\% |
| Stonemasons | 66.60\% | 27.90\% | 5.50\% |
| Laborers and Freight, Stock, and Material Movers, Hand | 66.60\% | 27.10\% | 6.30\% |
| Cleaners of Vehicles and Equipment | 66.60\% | 28.90\% | 4.50\% |
| Foundry Mold and Coremakers | 66.20\% | 11.90\% | 21.90\% |
| Molding, Coremaking, and Casting Machine Setters, Operators, and Tenders, Metal and Plastic | 66.20\% | 11.90\% | 21.90\% |
| Printing Press Operators | 66.20\% | 23.10\% | 10.80\% |
| Driver/Sales Workers | 66.20\% | 26.60\% | 7.20\% |
| Heavy and Tractor-Trailer Truck Drivers | 66.20\% | 26.60\% | 7.20\% |
| Light Truck or Delivery Services Drivers | 66.20\% | 26.60\% | 7.20\% |
| Cutters and Trimmers, Hand | 66.00\% | 28.20\% | 5.70\% |
| Cutting and Slicing Machine Setters, Operators, and Tenders | 66.00\% | 28.20\% | 5.70\% |
| Butchers and Meat Cutters | 66.00\% | 26.30\% | 7.60\% |
| Meat, Poultry, and Fish Cutters and Trimmers | 66.00\% | 26.30\% | 7.60\% |
| Motorboat Mechanics and Service Technicians | 65.90\% | 28.90\% | 5.30\% |
| Motorcycle Mechanics | 65.90\% | 28.90\% | 5.30\% |
| Outdoor Power Equipment and Other Small Engine Mechanics | 65.90\% | 28.90\% | 5.30\% |
| Electrical and Electronics Installers and Repairers, Transportation Equipment | 65.70\% | 33.30\% | 1.00\% |
| Electrical and Electronics Repairers, Commercial and Industrial Equipment | 65.70\% | 33.30\% | 1.00\% |
| Hairdressers, Hairstylists, and Cosmetologists | 65.50\% | 29.30\% | 5.20\% |
| Food Preparation Workers | 65.50\% | 27.30\% | 7.30\% |
| Automotive and Watercraft Service Attendants | 65.30\% | 29.80\% | 4.90\% |
| Helpers--Production Workers | 65.20\% | 29.80\% | 5.00\% |
| Etchers and Engravers | 65.00\% | 13.00\% | 22.00\% |
| Shipping, Receiving, and Traffic Clerks | 64.10\% | 26.10\% | 9.70\% |
| Carpenters | 63.90\% | 26.30\% | 9.80\% |
| Parts Salespersons | 63.80\% | 27.10\% | 9.10\% |
| Weighers, Measurers, Checkers, and Samplers, Recordkeeping | 63.20\% | 13.10\% | 23.70\% |
| Landscaping and Groundskeeping Workers | 61.80\% | 28.00\% | 10.20\% |
| Pesticide Handlers, Sprayers, and Applicators, Vegetation | 61.80\% | 28.00\% | 10.20\% |
| Heating, Air Conditioning, and Refrigeration Mechanics and Installers | 61.50\% | 33.70\% | 4.80\% |
| Chemical Plant and System Operators | 61.30\% | 25.00\% | 13.80\% |
| Gas Plant Operators | 61.30\% | 25.00\% | 13.80\% |
| Railroad Conductors and Yardmasters | 61.20\% | 32.00\% | 6.80\% |
| Furniture Finishers | 60.90\% | 29.20\% | 9.90\% |
| Painters, Construction and Maintenance | 60.50\% | 29.20\% | 10.30\% |
| Excavating and Loading Machine and Dragline Operators | 60.50\% | 24.50\% | 15.00\% |
| Sewers, Hand | 60.50\% | 22.20\% | 17.30\% |
| Tailors, Dressmakers, and Custom Sewers | 60.50\% | 22.20\% | 17.30\% |
| First-Line Supervisors of Housekeeping and Janitorial Workers | 60.40\% | 25.60\% | 14.00\% |
| Computer-Controlled Machine Tool Operators, Metal and Plastic | 60.40\% | 34.20\% | 5.40\% |
| Computer Numerically Controlled Machine Tool Programmers, Metal and Plastic | 60.40\% | 34.20\% | 5.40\% |
| Manicurists and Pedicurists | 59.40\% | 29.90\% | 10.70\% |


| Occupation |  |  |  |
| :---: | :---: | :---: | :---: |
|  | college or |  |  |
|  | High School or less | associates <br> degree | $\begin{array}{r} \text { BA } \\ \text { or more } \end{array}$ |
| Shampooers | 59.40\% | 29.90\% | 10.70\% |
| Skincare Specialists | 59.40\% | 29.90\% | 10.70\% |
| Maintenance and Repair Workers, General | 59.00\% | 32.70\% | 8.30\% |
| Structural Metal Fabricators and Fitters | 58.80\% | 29.00\% | 12.20\% |
| Bicycle Repairers | 58.40\% | 26.80\% | 14.80\% |
| Tire Repairers and Changers | 58.40\% | 26.80\% | 14.80\% |
| Combined Food Preparation and Serving Workers, Including Fast Food | 58.40\% | 33.70\% | 8.00\% |
| Furnace, Kiln, Oven, Drier, and Kettle Operators and Tenders | 58.20\% | 41.80\% | 0.00\% |
| Stock Clerks and Order Fillers | 58.20\% | 32.20\% | 9.70\% |
| Ambulance Drivers and Attendants, Except Emergency Medical Technicians | 57.80\% | 28.50\% | 13.70\% |
| Tank Car, Truck, and Ship Loaders | 57.80\% | 31.60\% | 10.60\% |
| Material Moving Workers, All Other | 57.80\% | 31.60\% | 10.60\% |
| Signal and Track Switch Repairers | 57.60\% | 30.90\% | 11.60\% |
| Installation, Maintenance, and Repair Workers, All Other | 57.60\% | 30.90\% | 11.60\% |
| Industrial Machinery Mechanics | 57.30\% | 32.50\% | 10.20\% |
| Food Batchmakers | 57.20\% | 34.20\% | 8.60\% |
| Motor Vehicle Operators, All Other | 57.20\% | 24.10\% | 18.70\% |
| Bus Drivers, Transit and Intercity | 57.20\% | 34.40\% | 8.40\% |
| Bus Drivers, School or Special Client | 57.20\% | 34.40\% | 8.40\% |
| Cashiers | 56.20\% | 35.30\% | 8.50\% |
| Electricians | 56.20\% | 36.30\% | 7.60\% |
| Extruding and Forming Machine Setters, Operators, and Tenders, Synthetic and Glass Fibers | 56.00\% | 28.30\% | 15.70\% |
| Textile, Apparel, and Furnishings Workers, All Other | 56.00\% | 28.30\% | 15.70\% |
| Bakers | 55.70\% | 30.20\% | 14.00\% |
| Dental Laboratory Technicians | 55.10\% | 28.30\% | 16.60\% |
| Medical Appliance Technicians | 55.10\% | 28.30\% | 16.60\% |
| Ophthalmic Laboratory Technicians | 55.10\% | 28.30\% | 16.60\% |
| Structural Iron and Steel Workers | 54.70\% | 39.30\% | 6.10\% |
| Prepress Technicians and Workers | 54.70\% | 22.40\% | 22.90\% |
| Captains, Mates, and Pilots of Water Vessels | 54.00\% | 21.60\% | 24.40\% |
| Motorboat Operators | 54.00\% | 21.60\% | 24.40\% |
| Amusement and Recreation Attendants | 53.00\% | 36.10\% | 10.90\% |
| Locker Room, Coatroom, and Dressing Room Attendants | 53.00\% | 36.10\% | 10.90\% |
| First-Line Supervisors of Mechanics, Installers, and Repairers | 52.70\% | 30.00\% | 17.40\% |
| First-Line Supervisors of Construction Trades and Extraction Workers | 52.50\% | 30.70\% | 16.80\% |
| First-Line Supervisors of Food Preparation and Serving Workers | 51.80\% | 29.50\% | 18.70\% |
| Transportation Attendants, Except Flight Attendants | 51.80\% | 41.10\% | 7.10\% |
| Taxi Drivers and Chauffeurs | 51.60\% | 30.90\% | 17.50\% |
| Aircraft Cargo Handling Supervisors | 51.40\% | 32.20\% | 16.50\% |
| First-Line Supervisors of Helpers, Laborers, and Material Movers, Hand | 51.40\% | 32.20\% | 16.50\% |
| First-Line Supervisors of Transportation and Material-Moving Machine and Vehicle Operators | 51.40\% | 32.20\% | 16.50\% |
| First-Line Supervisors of Production and Operating Workers | 51.10\% | 28.90\% | 20.00\% |
| Molders, Shapers, and Casters, Except Metal and Plastic | 50.70\% | 19.70\% | 29.60\% |
| Pest Control Workers | 50.60\% | 28.80\% | 20.60\% |
| Electrical Power-Line Installers and Repairers | 50.60\% | 41.80\% | 7.70\% |
| Switchboard Operators, Including Answering Service | 50.50\% | 44.30\% | 5.20\% |
| Door-to-Door Sales Workers, News and Street Vendors, and Related Workers | 50.50\% | 36.40\% | 13.10\% |
| Counter and Rental Clerks | 50.20\% | 35.20\% | 14.60\% |
| Medical Equipment Preparers | 50.00\% | 37.90\% | 12.10\% |
| Healthcare Support Workers, All Other | 50.00\% | 37.90\% | 12.10\% |
| Home Health Aides | 49.30\% | 38.30\% | 12.40\% |
| Psychiatric Aides | 49.30\% | 38.30\% | 12.40\% |

APPENDIX B

|  |  | Some college or |  |
| :---: | :---: | :---: | :---: |
|  | High School |  | BA |
| Occupation | or less | degree | or more |
| Nursing Assistants | 49.30\% | 38.30\% | 12.40\% |
| Orderlies | 49.30\% | 38.30\% | 12.40\% |
| Coin, Vending, and Amusement Machine Servicers and Repairers | 49.30\% | 18.50\% | 32.20\% |
| Lifeguards, Ski Patrol, and Other Recreational Protective Service Workers | 48.90\% | 39.70\% | 11.40\% |
| Protective Service Workers, All Other | 48.90\% | 39.70\% | 11.40\% |
| Chemical Equipment Operators and Tenders | 48.90\% | 26.80\% | 24.30\% |
| Separating, Filtering, Clarifying, Precipitating, and Still Machine Setters, Operators, and Tenders | 48.90\% | 26.80\% | 24.30\% |
| Inspectors, Testers, Sorters, Samplers, and Weighers | 48.70\% | 32.20\% | 19.10\% |
| Couriers and Messengers | 48.60\% | 37.00\% | 14.30\% |
| Chefs and Head Cooks | 48.60\% | 38.30\% | 13.20\% |
| Mail Clerks and Mail Machine Operators, Except Postal Service | 48.40\% | 38.30\% | 13.30\% |
| Nonfarm Animal Caretakers | 48.30\% | 31.10\% | 20.60\% |
| Personal Care Aides | 48.00\% | 38.50\% | 13.50\% |
| Food Servers, Nonrestaurant | 47.90\% | 40.40\% | 11.80\% |
| Elevator Installers and Repairers | 47.40\% | 43.70\% | 8.80\% |
| Library Technicians | 47.20\% | 36.10\% | 16.70\% |
| Boilermakers | 46.90\% | 48.30\% | 4.80\% |
| Stationary Engineers and Boiler Operators | 46.80\% | 35.60\% | 17.60\% |
| Parking Lot Attendants | 46.30\% | 40.30\% | 13.40\% |
| Fish and Game Wardens | 45.70\% | 30.30\% | 23.90\% |
| Parking Enforcement Workers | 45.70\% | 30.30\% | 23.90\% |
| Locksmiths and Safe Repairers | 45.70\% | 49.20\% | 5.10\% |
| Jewelers and Precious Stone and Metal Workers | 45.30\% | 22.10\% | 32.50\% |
| First-Line Supervisors of Landscaping, Lawn Service, and Groundskeeping Workers | 45.00\% | 32.10\% | 22.80\% |
| Statistical Assistants | 44.30\% | 33.90\% | 21.70\% |
| Home Appliance Repairers | 43.40\% | 50.10\% | 6.40\% |
| Cargo and Freight Agents | 43.10\% | 42.30\% | 14.60\% |
| Office Machine Operators, Except Computer | 43.10\% | 42.00\% | 14.90\% |
| Telecommunications Line Installers and Repairers | 43.00\% | 45.20\% | 11.90\% |
| Childcare Workers | 42.50\% | 38.70\% | 18.80\% |
| Extruding and Drawing Machine Setters, Operators, and Tenders, Metal and Plastic | 42.50\% | 57.50\% | 0.00\% |
| Electronic Equipment Installers and Repairers, Motor Vehicles | 42.40\% | 57.60\% | 0.00\% |
| Waiters and Waitresses | 42.10\% | 43.50\% | 14.40\% |
| First-Line Supervisors of Farming, Fishing, and Forestry Workers | 41.80\% | 32.90\% | 25.20\% |
| Cabinetmakers and Bench Carpenters | 41.80\% | 30.40\% | 27.80\% |
| Water and Wastewater Treatment Plant and System Operators | 41.70\% | 45.30\% | 13.00\% |
| File Clerks | 41.20\% | 34.90\% | 23.90\% |
| Baggage Porters and Bellhops | 41.20\% | 42.20\% | 16.60\% |
| Concierges | 41.20\% | 42.20\% | 16.60\% |
| Telemarketers | 40.80\% | 34.60\% | 24.60\% |
| Receptionists and Information Clerks | 40.30\% | 42.50\% | 17.30\% |
| Hosts and Hostesses, Restaurant, Lounge, and Coffee Shop | 40.20\% | 44.70\% | 15.00\% |
| Postal Service Clerks | 40.00\% | 44.40\% | 15.60\% |
| Demonstrators and Product Promoters | 39.90\% | 41.80\% | 18.30\% |
| Electric Motor, Power Tool, and Related Repairers | 39.60\% | 44.20\% | 16.20\% |
| Food Service Managers | 39.40\% | 31.30\% | 29.30\% |
| Police, Fire, and Ambulance Dispatchers | 39.30\% | 43.00\% | 17.70\% |
| Dispatchers, Except Police, Fire, and Ambulance | 39.30\% | 43.00\% | 17.70\% |
| Bill and Account Collectors | 39.00\% | 40.60\% | 20.40\% |
| Ushers, Lobby Attendants, and Ticket Takers | 38.90\% | 50.60\% | 10.50\% |
| Railroad Brake, Signal, and Switch Operators | 38.80\% | 61.20\% | 0.00\% |
| Riggers | 38.20\% | 45.10\% | 16.70\% |


| Occupation |  |  |  |
| :---: | :---: | :---: | :---: |
|  | college or |  |  |
|  | High School or less | associates degree | $\begin{array}{r} \text { BA } \\ \text { or more } \end{array}$ |
| Personal Care and Service Workers, All Other | 37.50\% | 45.50\% | 17.00\% |
| Billing and Posting Clerks | 37.20\% | 43.30\% | 19.50\% |
| Animal Trainers | 36.80\% | 37.00\% | 26.20\% |
| Postal Service Mail Sorters, Processors, and Processing Machine Operators | 36.40\% | 42.60\% | 21.00\% |
| Human Resources Assistants, Except Payroll and Timekeeping | 36.30\% | 28.20\% | 35.50\% |
| Correspondence Clerks | 35.60\% | 43.40\% | 21.00\% |
| Order Clerks | 35.60\% | 43.40\% | 21.00\% |
| Telephone Operators | 35.60\% | 49.80\% | 14.60\% |
| Office Clerks, General | 35.40\% | 41.80\% | 22.80\% |
| Bartenders | 35.30\% | 38.30\% | 26.30\% |
| First-Line Supervisors of Personal Service Workers | 35.20\% | 31.60\% | 33.10\% |
| Retail Salespersons | 35.00\% | 38.00\% | 26.90\% |
| Aircraft Mechanics and Service Technicians | 35.00\% | 49.80\% | 15.30\% |
| Orthotists and Prosthetists | 34.70\% | 39.00\% | 26.30\% |
| Health Technologists and Technicians, All Other | 34.70\% | 39.00\% | 26.30\% |
| Postal Service Mail Carriers | 34.50\% | 42.60\% | 22.90\% |
| Customer Service Representatives | 34.50\% | 41.30\% | 24.20\% |
| Payroll and Timekeeping Clerks | 34.40\% | 43.10\% | 22.50\% |
| Fitness Trainers and Aerobics Instructors | 34.30\% | 37.60\% | 28.10\% |
| Recreation Workers | 34.30\% | 37.60\% | 28.10\% |
| Locomotive Engineers | 34.10\% | 58.40\% | 7.50\% |
| Hotel, Motel, and Resort Desk Clerks | 33.80\% | 39.20\% | 27.00\% |
| Radio, Cellular, and Tower Equipment Installers and Repairs | 33.80\% | 48.80\% | 17.40\% |
| Telecommunications Equipment Installers and Repairers, Except Line Installers | 33.80\% | 48.80\% | 17.40\% |
| Opticians, Dispensing | 33.70\% | 43.40\% | 22.90\% |
| Information and Record Clerks, All Other | 33.30\% | 32.50\% | 34.20\% |
| Athletes and Sports Competitors | 33.30\% | 30.50\% | 36.20\% |
| Coaches and Scouts | 33.30\% | 30.50\% | 36.20\% |
| Umpires, Referees, and Other Sports Officials | 33.30\% | 30.50\% | 36.20\% |
| Court, Municipal, and License Clerks | 33.00\% | 41.70\% | 25.20\% |
| Conveyor Operators and Tenders | 32.80\% | 37.30\% | 29.90\% |
| Hoist and Winch Operators | 32.80\% | 37.30\% | 29.90\% |
| Funeral Attendants | 32.40\% | 35.40\% | 32.20\% |
| Photographic Process Workers and Processing Machine Operators | 32.30\% | 39.40\% | 28.40\% |
| Civil Engineering Technicians | 32.10\% | 50.30\% | 17.60\% |
| Electrical and Electronics Engineering Technicians | 32.10\% | 50.30\% | 17.60\% |
| Electro-Mechanical Technicians | 32.10\% | 50.30\% | 17.60\% |
| Environmental Engineering Technicians | 32.10\% | 50.30\% | 17.60\% |
| Industrial Engineering Technicians | 32.10\% | 50.30\% | 17.60\% |
| Mechanical Engineering Technicians | 32.10\% | 50.30\% | 17.60\% |
| Engineering Technicians, Except Drafters, All Other | 32.10\% | 50.30\% | 17.60\% |
| Correctional Officers and Jailers | 32.00\% | 42.20\% | 25.80\% |
| Security Guards | 31.70\% | 43.20\% | 25.00\% |
| First-Line Supervisors of Retail Sales Workers | 31.70\% | 35.90\% | 32.40\% |
| Meter Readers, Utilities | 31.70\% | 67.40\% | 0.90\% |
| Word Processors and Typists | 31.40\% | 50.10\% | 18.50\% |
| Teacher Assistants | 31.40\% | 36.50\% | 32.10\% |
| Tellers | 31.40\% | 45.00\% | 23.60\% |
| Insurance Claims and Policy Processing Clerks | 31.10\% | 37.20\% | 31.70\% |
| Production, Planning, and Expediting Clerks | 30.90\% | 33.80\% | 35.20\% |
| Dental Assistants | 30.70\% | 62.00\% | 7.30\% |
| Transportation, Storage, and Distribution Managers | 30.20\% | 37.40\% | 32.30\% |

APPENDIX B

|  | Some |  |  |
| :---: | :---: | :---: | :---: |
|  | college or |  |  |
|  | High School | associates | BA |
| Occupation | or less | degree | or more |
| Construction and Building Inspectors | 29.70\% | 33.50\% | 36.70\% |
| Executive Secretaries and Executive Administrative Assistants | 29.70\% | 45.20\% | 25.10\% |
| Legal Secretaries | 29.70\% | 45.20\% | 25.10\% |
| Medical Secretaries | 29.70\% | 45.20\% | 25.10\% |
| Secretaries and Administrative Assistants, Except Legal, Medical, and Executive | 29.70\% | 45.20\% | 25.10\% |
| Bookkeeping, Accounting, and Auditing Clerks | 29.60\% | 44.60\% | 25.80\% |
| Mechanical Door Repairers | 29.10\% | 60.10\% | 10.80\% |
| Control and Valve Installers and Repairers, Except Mechanical Door | 29.10\% | 60.10\% | 10.80\% |
| Medical Equipment Repairers | 29.00\% | 52.20\% | 18.80\% |
| Musical Instrument Repairers and Tuners | 29.00\% | 52.20\% | 18.80\% |
| Precision Instrument and Equipment Repairers, All Other | 29.00\% | 52.20\% | 18.80\% |
| Agricultural and Food Science Technicians | 28.50\% | 21.90\% | 49.50\% |
| Computer Operators | 28.50\% | 48.20\% | 23.30\% |
| Data Entry Keyers | 28.30\% | 47.10\% | 24.60\% |
| Credit Authorizers, Checkers, and Clerks | 27.50\% | 32.90\% | 39.50\% |
| Electronic Home Entertainment Equipment Installers and Repairers | 27.20\% | 43.90\% | 28.90\% |
| Construction Managers | 27.10\% | 28.90\% | 43.90\% |
| Medical Records and Health Information Technicians | 27.00\% | 59.90\% | 13.10\% |
| Medical Assistants | 26.90\% | 63.50\% | 9.50\% |
| Veterinary Assistants and Laboratory Animal Caretakers | 26.80\% | 55.50\% | 17.70\% |
| Wholesale and Retail Buyers, Except Farm Products | 26.80\% | 36.00\% | 37.20\% |
| Animal Control Workers | 26.10\% | 53.10\% | 20.70\% |
| Brokerage Clerks | 25.30\% | 40.10\% | 34.60\% |
| Desktop Publishers | 25.20\% | 34.20\% | 40.60\% |
| Office and Administrative Support Workers, All Other | 25.20\% | 34.20\% | 40.60\% |
| Residential Advisors | 25.10\% | 52.50\% | 22.50\% |
| First-Line Supervisors of Protective Service Workers, All Other | 25.00\% | 36.40\% | 38.60\% |
| Sales and Related Workers, All Other | 24.90\% | 21.90\% | 53.20\% |
| Dietetic Technicians | 24.60\% | 52.60\% | 22.80\% |
| Pharmacy Technicians | 24.60\% | 52.60\% | 22.80\% |
| Respiratory Therapy Technicians | 24.60\% | 52.60\% | 22.80\% |
| Surgical Technologists | 24.60\% | 52.60\% | 22.80\% |
| Veterinary Technologists and Technicians | 24.60\% | 52.60\% | 22.80\% |
| Ophthalmic Medical Technicians | 24.60\% | 52.60\% | 22.80\% |
| Industrial Production Managers | 24.50\% | 22.00\% | 53.50\% |
| Chemical Technicians | 24.10\% | 27.40\% | 48.50\% |
| First-Line Supervisors of Office and Administrative Support Workers | 24.10\% | 38.00\% | 37.90\% |
| Purchasing Agents, Except Wholesale, Retail, and Farm Products | 23.80\% | 35.20\% | 41.00\% |
| Medical Transcriptionists | 23.60\% | 54.10\% | 22.30\% |
| Emergency Medical Technicians and Paramedics | 23.50\% | 52.50\% | 23.90\% |
| Reservation and Transportation Ticket Agents and Travel Clerks | 23.50\% | 37.20\% | 39.30\% |
| Administrative Services Managers | 23.40\% | 33.50\% | 43.10\% |
| Appraisers and Assessors of Real Estate | 23.00\% | 26.90\% | 50.10\% |
| Cost Estimators | 22.60\% | 32.60\% | 44.80\% |
| First-Line Supervisors of Non-Retail Sales Workers | 22.60\% | 28.40\% | 49.00\% |
| Loan Interviewers and Clerks | 22.20\% | 44.90\% | 32.90\% |
| First-Line Supervisors of Fire Fighting and Prevention Workers | 22.00\% | 54.10\% | 24.00\% |
| Claims Adjusters, Examiners, and Investigators | 21.70\% | 31.00\% | 47.40\% |
| Insurance Appraisers, Auto Damage | 21.70\% | 31.00\% | 47.40\% |
| Property, Real Estate, and Community Association Managers | 21.60\% | 26.70\% | 51.70\% |
| Computer, Automated Teller, and Office Machine Repairers | 21.30\% | 52.10\% | 26.50\% |
| Massage Therapists | 20.80\% | 43.50\% | 35.70\% |


| Occupation |  Some <br> college or <br> High School associates <br> or less degree |  | $\begin{array}{r} \text { BA } \\ \text { or more } \end{array}$ |
| :---: | :---: | :---: | :---: |
|  |  |  |  |
| Motion Picture Projectionists | 20.60\% | 57.50\% | 21.90\% |
| Architectural and Civil Drafters | 20.50\% | 50.60\% | 28.80\% |
| Electrical and Electronics Drafters | 20.50\% | 50.60\% | 28.80\% |
| Mechanical Drafters | 20.50\% | 50.60\% | 28.80\% |
| Social and Human Service Assistants | 20.20\% | 36.30\% | 43.50\% |
| Radio and Television Announcers | 20.00\% | 28.20\% | 51.80\% |
| Eligibility Interviewers, Government Programs | 20.00\% | 40.90\% | 39.10\% |
| Photographers | 19.90\% | 28.50\% | 51.60\% |
| Social Science Research Assistants | 19.70\% | 41.10\% | 39.20\% |
| Environmental Science and Protection Technicians, Including Health | 19.70\% | 41.10\% | 39.20\% |
| Forest and Conservation Technicians | 19.70\% | 41.10\% | 39.20\% |
| Life, Physical, and Social Science Technicians, All Other | 19.70\% | 41.10\% | 39.20\% |
| Firefighters | 19.70\% | 56.00\% | 24.30\% |
| Interviewers, Except Eligibility and Loan | 19.60\% | 43.50\% | 36.90\% |
| Licensed Practical and Licensed Vocational Nurses | 19.40\% | 76.40\% | 4.20\% |
| Power Distributors and Dispatchers | 19.40\% | 52.50\% | 28.20\% |
| Power Plant Operators | 19.40\% | 52.50\% | 28.20\% |
| New Accounts Clerks | 19.30\% | 54.90\% | 25.80\% |
| Meeting, Convention, and Event Planners | 19.10\% | 26.00\% | 54.90\% |
| Surveying and Mapping Technicians | 19.10\% | 78.30\% | 2.60\% |
| Phlebotomists | 19.00\% | 68.10\% | 12.90\% |
| Sales Representatives, Wholesale and Manufacturing, Technical and Scientific Products | 18.30\% | 25.60\% | 56.10\% |
| Sales Representatives, Wholesale and Manufacturing, Except Technical and Scientific Products | 18.30\% | 25.60\% | 56.10\% |
| Sailors and Marine Oilers | 17.50\% | 45.20\% | 37.30\% |
| Ship Engineers | 17.50\% | 45.20\% | 37.30\% |
| Procurement Clerks | 17.50\% | 73.40\% | 9.10\% |
| Pharmacy Aides | 17.40\% | 58.00\% | 24.60\% |
| Logisticians | 17.40\% | 34.40\% | 48.30\% |
| Private Detectives and Investigators | 16.30\% | 9.10\% | 74.60\% |
| Travel Agents | 15.60\% | 40.50\% | 43.90\% |
| Adult Basic and Secondary Education and Literacy Teachers and Instructors | 15.40\% | 27.30\% | 57.40\% |
| Self-Enrichment Education Teachers | 15.40\% | 27.30\% | 57.40\% |
| Teachers and Instructors, All Other | 15.40\% | 27.30\% | 57.40\% |
| Health Educators | 15.20\% | 31.30\% | 53.50\% |
| Community Health Workers | 15.20\% | 31.30\% | 53.50\% |
| Community and Social Service Specialists, All Other | 15.20\% | 31.30\% | 53.50\% |
| Transportation Security Screeners | 15.20\% | 53.00\% | 31.80\% |
| Tax Examiners and Collectors, and Revenue Agents | 15.10\% | 46.60\% | 38.20\% |
| Audio and Video Equipment Technicians | 14.60\% | 44.10\% | 41.30\% |
| Broadcast Technicians | 14.60\% | 44.10\% | 41.30\% |
| Radio Operators | 14.60\% | 44.10\% | 41.30\% |
| Sound Engineering Technicians | 14.60\% | 44.10\% | 41.30\% |
| Library Assistants, Clerical | 14.60\% | 45.70\% | 39.70\% |
| Human Resources Managers | 14.40\% | 20.70\% | 64.90\% |
| Entertainers and Performers, Sports and Related Workers, All Other | 14.30\% | 45.30\% | 40.40\% |
| Computer User Support Specialists | 14.10\% | 38.00\% | 47.90\% |
| Computer Network Support Specialists | 14.10\% | 38.00\% | 47.90\% |
| Art Directors | 13.90\% | 26.90\% | 59.20\% |
| Craft Artists | 13.90\% | 26.90\% | 59.20\% |
| Fine Artists, Including Painters, Sculptors, and Illustrators | 13.90\% | 26.90\% | 59.20\% |
| Multimedia Artists and Animators | 13.90\% | 26.90\% | 59.20\% |
| Artists and Related Workers, All Other | 13.90\% | 26.90\% | 59.20\% |

## APPENDIX B

|  |  | Some |  |
| :---: | :---: | :---: | :---: |
|  |  | college or |  |
|  | High School | associates | BA |
| Occupation | or less | degree | or more |
| Sales Representatives, Services, All Other | 13.80\% | 27.00\% | 59.20\% |
| Insurance Sales Agents | 13.80\% | 21.90\% | 64.30\% |
| Police and Sheriff s Patrol Officers | 13.60\% | 34.50\% | 52.00\% |
| Transit and Railroad Police | 13.60\% | 34.50\% | 52.00\% |
| Dietitians and Nutritionists | 13.50\% | 5.80\% | 80.70\% |
| Training and Development Specialists | 13.30\% | 20.50\% | 66.20\% |
| Lodging Managers | 13.20\% | 39.40\% | 47.40\% |
| General and Operations Managers | 13.00\% | 24.70\% | 62.20\% |
| Substance Abuse and Behavioral Disorder Counselors | 13.00\% | 19.80\% | 67.20\% |
| Educational, Guidance, School, and Vocational Counselors | 13.00\% | 19.80\% | 67.20\% |
| Marriage and Family Therapists | 13.00\% | 19.80\% | 67.20\% |
| Mental Health Counselors | 13.00\% | 19.80\% | 67.20\% |
| Rehabilitation Counselors | 13.00\% | 19.80\% | 67.20\% |
| Counselors, All Other | 13.00\% | 19.80\% | 67.20\% |
| Materials Engineers | 12.90\% | 13.20\% | 73.90\% |
| Funeral Service Managers | 12.90\% | 21.10\% | 66.00\% |
| Postmasters and Mail Superintendents | 12.90\% | 21.10\% | 66.00\% |
| Managers, All Other | 12.90\% | 21.10\% | 66.00\% |
| Credit Counselors | 12.80\% | 32.30\% | 54.90\% |
| Loan Officers | 12.80\% | 32.30\% | 54.90\% |
| Commercial and Industrial Designers | 12.30\% | 22.10\% | 65.60\% |
| Fashion Designers | 12.30\% | 22.10\% | 65.60\% |
| Floral Designers | 12.30\% | 22.10\% | 65.60\% |
| Graphic Designers | 12.30\% | 22.10\% | 65.60\% |
| Interior Designers | 12.30\% | 22.10\% | 65.60\% |
| Merchandise Displayers and Window Trimmers | 12.30\% | 22.10\% | 65.60\% |
| Set and Exhibit Designers | 12.30\% | 22.10\% | 65.60\% |
| Occupational Health and Safety Specialists | 12.20\% | 23.60\% | 64.20\% |
| Occupational Health and Safety Technicians | 12.20\% | 23.60\% | 64.20\% |
| Athletic Trainers | 12.20\% | 23.60\% | 64.20\% |
| Genetic Counselors | 12.20\% | 23.60\% | 64.20\% |
| Healthcare Practitioners and Technical Workers, All Other | 12.20\% | 23.60\% | 64.20\% |
| Music Directors and Composers | 11.70\% | 27.40\% | 60.90\% |
| Musicians and Singers | 11.70\% | 27.40\% | 60.90\% |
| Flight Attendants | 11.60\% | 37.30\% | 51.00\% |
| Court Reporters | 11.30\% | 25.20\% | 63.50\% |
| Title Examiners, Abstractors, and Searchers | 11.30\% | 25.20\% | 63.50\% |
| Legal Support Workers, All Other | 11.30\% | 25.20\% | 63.50\% |
| Real Estate Brokers | 11.20\% | 32.80\% | 56.00\% |
| Real Estate Sales Agents | 11.20\% | 32.80\% | 56.00\% |
| Network and Computer Systems Administrators | 11.00\% | 33.00\% | 56.00\% |
| Interpreters and Translators | 10.80\% | 36.20\% | 53.00\% |
| Media and Communication Workers, All Other | 10.80\% | 36.20\% | 53.00\% |
| Social and Community Service Managers | 10.80\% | 16.80\% | 72.30\% |
| Paralegals and Legal Assistants | 10.60\% | 34.50\% | 54.80\% |
| Camera Operators, Television, Video, and Motion Picture | 10.60\% | 25.10\% | 64.30\% |
| Film and Video Editors | 10.60\% | 25.10\% | 64.30\% |
| Preschool Teachers, Except Special Education | 10.40\% | 44.40\% | 45.20\% |
| Kindergarten Teachers, Except Special Education | 10.40\% | 44.40\% | 45.20\% |
| Operations Research Analysts | 10.20\% | 7.70\% | 82.10\% |
| Compliance Officers | 10.10\% | 15.90\% | 74.10\% |
| Information Security Analysts | 10.00\% | 16.40\% | 73.50\% |


| Occupation | Some |  |  |
| :---: | :---: | :---: | :---: |
|  | High School or less | college or associates degree | $\begin{array}{r} \text { BA } \\ \text { or more } \end{array}$ |
| Medical and Clinical Laboratory Technologists | 9.70\% | 23.60\% | 66.70\% |
| Medical and Clinical Laboratory Technicians | 9.70\% | 23.60\% | 66.70\% |
| Computer and Information Research Scientists | 9.50\% | 14.90\% | 75.60\% |
| Computer Occupations, All Other | 9.50\% | 35.60\% | 54.90\% |
| Financial Managers | 9.50\% | 20.00\% | 70.50\% |
| Physical Therapist Assistants | 9.50\% | 63.70\% | 26.80\% |
| Physical Therapist Aides | 9.50\% | 63.70\% | 26.80\% |
| Fundraisers | 9.40\% | 16.70\% | 73.90\% |
| Medical and Health Services Managers | 9.20\% | 25.40\% | 65.30\% |
| Insurance Underwriters | 9.20\% | 27.60\% | 63.20\% |
| Computer Hardware Engineers | 9.10\% | 13.20\% | 77.70\% |
| Compensation, Benefits, and Job Analysis Specialists | 9.10\% | 34.90\% | 56.00\% |
| Human Resources Specialists | 8.90\% | 19.10\% | 72.00\% |
| Labor Relations Specialists | 8.90\% | 19.10\% | 72.00\% |
| Recreational Therapists | 8.80\% | 71.00\% | 20.20\% |
| Technical Writers | 8.80\% | 19.40\% | 71.80\% |
| Purchasing Managers | 8.80\% | 26.30\% | 64.90\% |
| Business Operations Specialists, All Other | 8.70\% | 22.80\% | 68.50\% |
| Clergy | 8.70\% | 10.00\% | 81.30\% |
| Tax Preparers | 8.20\% | 33.30\% | 58.50\% |
| Compensation and Benefits Managers | 7.90\% | 20.20\% | 72.00\% |
| Broadcast News Analysts | 7.80\% | 19.40\% | 72.80\% |
| Reporters and Correspondents | 7.80\% | 19.40\% | 72.80\% |
| Training and Development Managers | 7.60\% | 11.60\% | 80.80\% |
| Chemical Engineers | 7.60\% | 13.50\% | 78.90\% |
| Computer Programmers | 7.40\% | 17.70\% | 74.90\% |
| Agents and Business Managers of Artists, Performers, and Athletes | 7.30\% | 21.70\% | 71.10\% |
| Health and Safety Engineers, Except Mining Safety Engineers and Inspectors | 7.10\% | 27.10\% | 65.80\% |
| Industrial Engineers | 7.10\% | 27.10\% | 65.80\% |
| Airline Pilots, Copilots, and Flight Engineers | 7.10\% | 14.70\% | 78.20\% |
| Commercial Pilots | 7.10\% | 14.70\% | 78.20\% |
| Advertising Sales Agents | 7.00\% | 30.50\% | 62.50\% |
| Web Developers | 6.40\% | 11.80\% | 81.80\% |
| Child, Family, and School Social Workers | 6.20\% | 14.40\% | 79.50\% |
| Healthcare Social Workers | 6.20\% | 14.40\% | 79.50\% |
| Mental Health and Substance Abuse Social Workers | 6.20\% | 14.40\% | 79.50\% |
| Social Workers, All Other | 6.20\% | 14.40\% | 79.50\% |
| Aerospace Engineers | 6.00\% | 14.20\% | 79.80\% |
| Physician Assistants | 5.80\% | 21.60\% | 72.60\% |
| Securities, Commodities, and Financial Services Sales Agents | 5.70\% | 14.90\% | 79.50\% |
| First-Line Supervisors of Police and Detectives | 5.70\% | 25.00\% | 69.40\% |
| Detectives and Criminal Investigators | 5.60\% | 17.10\% | 77.30\% |
| Mechanical Engineers | 5.50\% | 22.60\% | 71.90\% |
| Archivists | 5.30\% | 12.20\% | 82.50\% |
| Curators | 5.30\% | 12.20\% | 82.50\% |
| Museum Technicians and Conservators | 5.30\% | 12.20\% | 82.50\% |
| Marketing Managers | 5.20\% | 13.00\% | 81.80\% |
| Sales Managers | 5.20\% | 13.00\% | 81.80\% |
| Air Traffic Controllers | 5.10\% | 20.50\% | 74.40\% |
| Credit Analysts | 5.00\% | 21.40\% | 73.60\% |
| Market Research Analysts and Marketing Specialists | 5.00\% | 11.80\% | 83.30\% |
| Education Administrators, Preschool and Childcare Center/Program | 4.90\% | 11.00\% | 84.20\% |

## APPENDIX B

|  |  | Some |  |
| :---: | :---: | :---: | :---: |
|  |  | college or |  |
|  | High School | associates | BA |
| Occupation | or less | degree | or more |
| Education Administrators, Elementary and Secondary School | 4.90\% | 11.00\% | 84.20\% |
| Education Administrators, Postsecondary | 4.90\% | 11.00\% | 84.20\% |
| Education Administrators, All Other | 4.90\% | 11.00\% | 84.20\% |
| Producers and Directors | 4.60\% | 21.00\% | 74.50\% |
| Cardiovascular Technologists and Technicians | 4.50\% | 68.60\% | 26.90\% |
| Diagnostic Medical Sonographers | 4.50\% | 68.60\% | 26.90\% |
| Nuclear Medicine Technologists | 4.50\% | 68.60\% | 26.90\% |
| Radiologic Technologists | 4.50\% | 68.60\% | 26.90\% |
| Magnetic Resonance Imaging Technologists | 4.50\% | 68.60\% | 26.90\% |
| Computer Network Architects | 4.40\% | 29.40\% | 66.20\% |
| Biological Technicians | 4.40\% | 9.10\% | 86.50\% |
| Statisticians | 3.90\% | 3.30\% | 92.80\% |
| Management Analysts | 3.90\% | 9.80\% | 86.30\% |
| Financial Specialists, All Other | 3.90\% | 17.10\% | 79.10\% |
| Personal Financial Advisors | 3.80\% | 10.90\% | 85.30\% |
| Civil Engineers | 3.60\% | 12.20\% | 84.20\% |
| Physical Therapists | 3.50\% | 4.90\% | 91.60\% |
| Architectural and Engineering Managers | 3.30\% | 7.70\% | 89.00\% |
| Computer Systems Analysts | 3.30\% | 22.20\% | 74.50\% |
| Public Relations Specialists | 3.10\% | 16.50\% | 80.30\% |
| Budget Analysts | 3.10\% | 16.90\% | 80.00\% |
| Sales Engineers | 3.10\% | 16.80\% | 80.10\% |
| Accountants and Auditors | 3.00\% | 13.90\% | 83.10\% |
| Special Education Teachers, Preschool | 2.90\% | 7.30\% | 89.80\% |
| Special Education Teachers, Kindergarten and Elementary School | 2.90\% | 7.30\% | 89.80\% |
| Special Education Teachers, Middle School | 2.90\% | 7.30\% | 89.80\% |
| Special Education Teachers, Secondary School | 2.90\% | 7.30\% | 89.80\% |
| Special Education Teachers, All Other | 2.90\% | 7.30\% | 89.80\% |
| Writers and Authors | 2.80\% | 13.70\% | 83.50\% |
| Surveyors | 2.60\% | 20.60\% | 76.80\% |
| Computer and Information Systems Managers | 2.60\% | 16.50\% | 80.90\% |
| Audio-Visual and Multimedia Collections Specialists | 2.60\% | 17.80\% | 79.60\% |
| Instructional Coordinators | 2.60\% | 17.80\% | 79.60\% |
| Education, Training, and Library Workers, All Other | 2.60\% | 17.80\% | 79.60\% |
| Editors | 2.40\% | 8.90\% | 88.60\% |
| Electrical Engineers | 2.20\% | 12.40\% | 85.40\% |
| Electronics Engineers, Except Computer | 2.20\% | 12.40\% | 85.40\% |
| Software Developers, Applications | 2.10\% | 10.50\% | 87.30\% |
| Software Developers, Systems Software | 2.10\% | 10.50\% | 87.30\% |
| Nuclear Engineers | 2.10\% | 10.80\% | 87.20\% |
| Engineers, All Other | 2.10\% | 10.80\% | 87.20\% |
| Database Administrators | 2.00\% | 24.60\% | 73.50\% |
| Natural Sciences Managers | 1.60\% | 3.00\% | 95.30\% |
| Dental Hygienists | 1.40\% | 69.20\% | 29.30\% |
| Registered Nurses | 1.30\% | 35.90\% | 62.80\% |
| Exercise Physiologists | 1.30\% | 8.10\% | 90.70\% |
| Therapists, All Other | 1.30\% | 8.10\% | 90.70\% |
| Occupational Therapy Assistants | 1.30\% | 73.60\% | 25.20\% |
| Occupational Therapy Aides | 1.30\% | 73.60\% | 25.20\% |
| Veterinarians | 1.20\% | 0.00\% | 98.80\% |
| Architects, Except Landscape and Naval | 1.20\% | 7.80\% | 91.00\% |
| Landscape Architects | 1.20\% | 7.80\% | 91.00\% |


| Occupation |  Some <br> college or <br> High School associates <br> or less degree |  | $\begin{array}{r} \text { BA } \\ \text { or more } \end{array}$ |
| :---: | :---: | :---: | :---: |
|  |  |  |  |
| Financial Analysts | 1.10\% | 10.50\% | 88.40\% |
| Probation Officers and Correctional Treatment Specialists | 0.90\% | 9.60\% | 89.40\% |
| Survey Researchers | 0.80\% | 10.40\% | 88.80\% |
| Sociologists | 0.80\% | 10.40\% | 88.80\% |
| Social Scientists and Related Workers, All Other | 0.80\% | 10.40\% | 88.80\% |
| Secondary School Teachers, Except Special and Career/Technical Education | 0.70\% | 6.50\% | 92.80\% |
| Career/Technical Education Teachers, Secondary School | 0.70\% | 6.50\% | 92.80\% |
| Epidemiologists | 0.70\% | 1.00\% | 98.40\% |
| Medical Scientists, Except Epidemiologists | 0.70\% | 1.00\% | 98.40\% |
| Life Scientists, All Other | 0.70\% | 1.00\% | 98.40\% |
| Librarians | 0.50\% | 13.60\% | 85.90\% |
| Elementary School Teachers, Except Special Education | 0.50\% | 5.10\% | 94.40\% |
| Middle School Teachers, Except Special and Career/Technical Education | 0.50\% | 5.10\% | 94.40\% |
| Career/Technical Education Teachers, Middle School | 0.50\% | 5.10\% | 94.40\% |
| Advertising and Promotions Managers | 0.40\% | 10.50\% | 89.00\% |
| Anesthesiologists | 0.40\% | 0.20\% | 99.40\% |
| Family and General Practitioners | 0.40\% | 0.20\% | 99.40\% |
| Internists, General | 0.40\% | 0.20\% | 99.40\% |
| Obstetricians and Gynecologists | 0.40\% | 0.20\% | 99.40\% |
| Pediatricians, General | 0.40\% | 0.20\% | 99.40\% |
| Psychiatrists | 0.40\% | 0.20\% | 99.40\% |
| Surgeons | 0.40\% | 0.20\% | 99.40\% |
| Physicians and Surgeons, All Other | 0.40\% | 0.20\% | 99.40\% |
| Speech-Language Pathologists | 0.40\% | 0.70\% | 98.90\% |
| Lawyers | 0.40\% | 0.70\% | 98.90\% |
| Arbitrators, Mediators, and Conciliators | 0.40\% | 0.70\% | 98.90\% |
| Business Teachers, Postsecondary | 0.30\% | 6.10\% | 93.60\% |
| Computer Science Teachers, Postsecondary | 0.30\% | 6.10\% | 93.60\% |
| Mathematical Science Teachers, Postsecondary | 0.30\% | 6.10\% | 93.60\% |
| Engineering Teachers, Postsecondary | 0.30\% | 6.10\% | 93.60\% |
| Biological Science Teachers, Postsecondary | 0.30\% | 6.10\% | 93.60\% |
| Atmospheric, Earth, Marine, and Space Sciences Teachers, Postsecondary | 0.30\% | 6.10\% | 93.60\% |
| Chemistry Teachers, Postsecondary | 0.30\% | 6.10\% | 93.60\% |
| Environmental Science Teachers, Postsecondary | 0.30\% | 6.10\% | 93.60\% |
| Physics Teachers, Postsecondary | 0.30\% | 6.10\% | 93.60\% |
| Anthropology and Archeology Teachers, Postsecondary | 0.30\% | 6.10\% | 93.60\% |
| Area, Ethnic, and Cultural Studies Teachers, Postsecondary | 0.30\% | 6.10\% | 93.60\% |
| Economics Teachers, Postsecondary | 0.30\% | 6.10\% | 93.60\% |
| Geography Teachers, Postsecondary | 0.30\% | 6.10\% | 93.60\% |
| Political Science Teachers, Postsecondary | 0.30\% | 6.10\% | 93.60\% |
| Psychology Teachers, Postsecondary | 0.30\% | 6.10\% | 93.60\% |
| Sociology Teachers, Postsecondary | 0.30\% | 6.10\% | 93.60\% |
| Social Sciences Teachers, Postsecondary, All Other | 0.30\% | 6.10\% | 93.60\% |
| Health Specialties Teachers, Postsecondary | 0.30\% | 6.10\% | 93.60\% |
| Nursing Instructors and Teachers, Postsecondary | 0.30\% | 6.10\% | 93.60\% |
| Education Teachers, Postsecondary | 0.30\% | 6.10\% | 93.60\% |
| Criminal Justice and Law Enforcement Teachers, Postsecondary | 0.30\% | 6.10\% | 93.60\% |
| Law Teachers, Postsecondary | 0.30\% | 6.10\% | 93.60\% |
| Social Work Teachers, Postsecondary | 0.30\% | 6.10\% | 93.60\% |
| Art, Drama, and Music Teachers, Postsecondary | 0.30\% | 6.10\% | 93.60\% |
| Communications Teachers, Postsecondary | 0.30\% | 6.10\% | 93.60\% |
| English Language and Literature Teachers, Postsecondary | 0.30\% | 6.10\% | 93.60\% |

## APPENDIX B

|  |  | Some |  |
| :---: | :---: | :---: | :---: |
| Occupation | High School or less | college or associates degree | $\begin{array}{r} \text { BA } \\ \text { or more } \end{array}$ |
| Foreign Language and Literature Teachers, Postsecondary | 0.30\% | 6.10\% | 93.60\% |
| History Teachers, Postsecondary | 0.30\% | 6.10\% | 93.60\% |
| Philosophy and Religion Teachers, Postsecondary | 0.30\% | 6.10\% | 93.60\% |
| Graduate Teaching Assistants | 0.30\% | 6.10\% | 93.60\% |
| Recreation and Fitness Studies Teachers, Postsecondary | 0.30\% | 6.10\% | 93.60\% |
| Vocational Education Teachers, Postsecondary | 0.30\% | 6.10\% | 93.60\% |
| Postsecondary Teachers, All Other | 0.30\% | 6.10\% | 93.60\% |
| Public Relations and Fundraising Managers | 0.30\% | 6.00\% | 93.70\% |
| Pharmacists | 0.20\% | 7.50\% | 92.30\% |
| Clinical, Counseling, and School Psychologists | 0.20\% | 0.40\% | 99.40\% |
| Industrial-Organizational Psychologists | 0.20\% | 0.40\% | 99.40\% |
| Psychologists, All Other | 0.20\% | 0.40\% | 99.40\% |
| Emergency Management Directors | 0.00\% | 5.10\% | 94.90\% |
| Buyers and Purchasing Agents, Farm Products | 0.00\% | 40.50\% | 59.50\% |
| Financial Examiners | 0.00\% | 5.00\% | 95.00\% |
| Actuaries | 0.00\% | 2.10\% | 97.90\% |
| Biomedical Engineers | 0.00\% | 11.10\% | 88.90\% |
| Environmental Engineers | 0.00\% | 12.30\% | 87.70\% |
| Marine Engineers and Naval Architects | 0.00\% | 30.00\% | 70.00\% |
| Food Scientists and Technologists | 0.00\% | 31.10\% | 68.90\% |
| Biochemists and Biophysicists | 0.00\% | 1.40\% | 98.60\% |
| Microbiologists | 0.00\% | 1.40\% | 98.60\% |
| Zoologists and Wildlife Biologists | 0.00\% | 1.40\% | 98.60\% |
| Biological Scientists, All Other | 0.00\% | 1.40\% | 98.60\% |
| Conservation Scientists | 0.00\% | 17.10\% | 82.90\% |
| Foresters | 0.00\% | 17.10\% | 82.90\% |
| Astronomers | 0.00\% | 0.00\% | 100.00\% |
| Physicists | 0.00\% | 0.00\% | 100.00\% |
| Atmospheric and Space Scientists | 0.00\% | 0.00\% | 100.00\% |
| Chemists | 0.00\% | 7.60\% | 92.40\% |
| Materials Scientists | 0.00\% | 7.60\% | 92.40\% |
| Environmental Scientists and Specialists, Including Health | 0.00\% | 3.70\% | 96.30\% |
| Geoscientists, Except Hydrologists and Geographers | 0.00\% | 3.70\% | 96.30\% |
| Hydrologists | 0.00\% | 3.70\% | 96.30\% |
| Physical Scientists, All Other | 0.00\% | 1.70\% | 98.30\% |
| Economists | 0.00\% | 0.00\% | 100.00\% |
| Urban and Regional Planners | 0.00\% | 6.00\% | 94.00\% |
| Chiropractors | 0.00\% | 0.00\% | 100.00\% |
| Dentists, General | 0.00\% | 0.00\% | 100.00\% |
| Oral and Maxillofacial Surgeons | 0.00\% | 0.00\% | 100.00\% |
| Orthodontists | 0.00\% | 0.00\% | 100.00\% |
| Optometrists | 0.00\% | 1.10\% | 98.90\% |
| Podiatrists | 0.00\% | 0.00\% | 100.00\% |
| Occupational Therapists | 0.00\% | 7.50\% | 92.50\% |
| Radiation Therapists | 0.00\% | 57.90\% | 42.10\% |
| Respiratory Therapists | 0.00\% | 67.40\% | 32.60\% |
| Nurse Anesthetists | 0.00\% | 15.40\% | 84.60\% |
| Nurse Midwives | 0.00\% | 2.20\% | 97.80\% |
| Nurse Practitioners | 0.00\% | 2.20\% | 97.80\% |
| Audiologists | 0.00\% | 0.00\% | 100.00\% |
| Health Diagnosing and Treating Practitioners, All Other | 0.00\% | 5.40\% | 94.60\% |

