**ARKANSAS**

**SHORT-TERM INDUSTRY AND OCCUPATIONAL PROJECTIONS**

**2016-2018**

|  |  |
| --- | --- |
| S:\LMI Shared\Brian\ADWS Logos\ADWS r-g-g.jpg | Workforce Logo 4clr |

#### Asa Hutchinson, Governor

#### State of Arkansas

Daryl Bassett, Director

Department of Workforce Services

**ARKANSAS**

**SHORT-TERM INDUSTRY AND OCCUPATIONAL PROJECTIONS**

2016-2018

Published By:

Department of Workforce Services

Labor Market Information

Occupational Career Information

“Equal Opportunity Employer/Program”

“Auxiliary aids and services are available upon request to individuals with disabilities.”

P.O. Box 2981

Little Rock, AR 72203

Phone: (501) 682-3123

Fax: (501) 682-3186

TTD/TTY Voice: 1-800-285-1121

TDD: 1-800-285-1131

State of Arkansas Home Page: http://www.arkansas.gov

Department of Workforce Services Home Page: http://dws.arkansas.gov

Labor Market Information Web Portal: http://www.discover.arkansas.gov

We would like to give special thanks to the following people who helped with the projections process:

Kurt Naumann, Arkansas Economic Development Commission

John Shelnutt, Department of Finance and Administration

**Definition of Important Terms**

**Base Employment –** The average number of jobs in a particular industry or occupation during the benchmark year or quarter.

**Content Skills** -Learned capabilities that allow workers to master and perform the specific activities of their jobs.

**Current Employment Statistics (CES) –** A monthly survey of business establishments that provides estimates of employment, hours, and earnings data by industry for the nation as a whole, all states, and most major metropolitan areas.

**Employment –** The number of jobs in a business or firm at any given time.

**Establishment –** The physical location of a certain economic activity, for example, a factory, mine, store, or office. Generally, a single establishment produces a single good or provides a single service.

**Fastest Growing/Declining –** Refers to percent growth. The higher the percent growth, the faster an industry or occupation is growing. For declining industries or occupations, the lower the percent growth, the faster it is declining.

**Industry –** A group of establishments that produce similar products or provide similar services.

**Knowledge Domain –** Learned sets of facts and standards required by many work situations.

**Metropolitan Statistical Area –** A county or group of contiguous counties that contains an urban center of at least 50,000 residents and has a high degree of economic and social ties.

**Net Change –** The difference between projected employment and base employment.

**North American Industry Classification System (NAICS) –** A system used in assigning industry-designated code numbers to employers and/or establishments based on the nature of their activities, services rendered or products delivered; established by the U.S. Office of Management and Budget and used by all agencies for data compilation.

**Occupation –** A set of activities that employees are paid to perform; employees who perform the same tasks are in the same occupation, whether or not they are in the same industry.

**Occupational Employment Statistics (OES) –** A federal/state cooperative program that produces employment and wage estimates for over 700 occupations. These are estimates of the number of people employed in certain occupations and estimates of the wages paid to them. They are also used to gather occupational staffing patterns by industry that are used to project employment needs by occupation.

**Percent (%) Change –** The rate at which an industry or occupation is expected to grow or decline.

**Projected Employment –** The average number of jobs expected to be in an industry or occupation in the future.

**Quarterly Census of Employment and Wages (QCEW) –** A federal/state cooperative program that produces employment and wage data for workers covered by State unemployment insurance laws and Federal workers covered by the Unemployment Compensation for Federal Employees Program; data is arranged by the type of industry according to the North American Industry Classification System (NAICS).

**Sector –** A level of industry classification under supersector according to the NAICS structure.

**Standard Occupational Classification (SOC) –** A coding system used by all federal statistical agencies to classify workers into occupational categories for the purpose of collecting, calculating, or disseminating data.

**Subsector –** A level of industry classification under sector according to the NAICS structure.

**Supersector –** The top level of industry classification according to the NAICS structure.

|  |  |
| --- | --- |
| **Item** | **Page** |
| Local Workforce Development Areas | 5 |
| Introduction | 6 |
| State of Arkansas Profile | 7 |
| Methodology | 8 |
| Explanation of Industry Projections Data | 10 |
| Industry Projections by Major Division | 11 |
| Industry Outlook | 12 |
| **Industry Rankings** |  |
| Top 20 Growing Industries by Net Growth | 17 |
| Top 20 Fastest Growing Industries by Percent Growth | 18 |
| Top 20 Declining Industries by Net Growth | 19 |
| Top 20 Fastest Declining Industries by Percent Growth | 20 |
| **Industry Projections** | 21 |
| Explanation of Occupational Projections Data | 33 |
| Occupational Projections by Major Group | 34 |
| Occupational Outlook | 35 |
| **Occupational Rankings** |  |
| Top 20 Growing Occupations by Net Growth | 41 |
| Top 20 Fastest Growing Occupations by Percent Growth | 42 |
| Top 20 Occupations by Total Annual Openings | 43 |
| Top 20 Declining Occupations by Net Growth | 44 |
| Top 20 Fastest Declining Occupations by Percent Growth | 45 |
| **Occupational Projections** | 46 |
| Projections by Educational Level | 73 |
| Education Outlook (includes charts) | 73 |
| Hot Jobs by Educational Level | 75 |
| Projections by Amount of Work Experience | 76 |
| Work Experience Outlook (includes charts) | 76 |
| Projections by Type of On-the-Job Training | 78 |
| Training Outlook (includes charts) | 78 |
| Projections by Education Training Path | 80 |
| Top 15 Content Skills | 83 |
| Top 15 Knowledge Domains | 84 |
| Appendix: Definition of Education/Training Codes | 85 |

**Table of Contents**

**Local Workforce**

**Development Areas**



**NE**

**LR**

**E**

**C**

**SE**

**SW**

**WC**

**NC**

**W**

##### **NW**

**Northwest Arkansas Workforce Development Area**

Baxter, Benton, Boone, Carroll, Madison, Marion, Newton, Searcy, and Washington Counties

North Central Arkansas Workforce Development Area

Cleburne, Fulton, Independence, Izard, Jackson, Sharp, Stone, Van Buren, White, and Woodruff Counties

Northeast Arkansas Workforce Development Area

Clay, Craighead, Greene, Lawrence, Mississippi, Poinsett, and Randolph Counties

Western Arkansas Workforce Development Area

Crawford, Franklin, Logan, Polk, Scott, and Sebastian Counties

West Central Arkansas Workforce Development Area

Clark, Conway, Garland, Hot Spring, Johnson, Montgomery, Perry, Pike, Pope, and Yell Counties

Central Arkansas Workforce Development Area

Faulkner, Lonoke, Monroe, Prairie, Pulaski outside the City Limits of Little Rock, and Saline Counties

City of Little Rock Workforce Development Area

Inside the City Limits of Little Rock

Eastern Arkansas Workforce Development Area

Crittenden, Cross, Lee, Phillips, and St. Francis Counties

Southwest Arkansas Workforce Development Area

Calhoun, Columbia, Dallas, Hempstead, Howard, Lafayette,

Little River, Miller, Nevada, Ouachita, Sevier, and Union Counties

Southeast Arkansas Workforce Development Area

Arkansas, Ashley, Bradley, Chicot, Cleveland, Desha, Drew, Grant, Jefferson, and Lincoln Counties

**Introduction**

The *Arkansas* *Short-Term Industry and Occupational Projections* publication includes an overview of where the Arkansas labor market may be heading in the near future. It contains information on the growth and decline of industries and occupations.

Industries in this publication are classified by North American Industry Classification System (NAICS) codes. NAICS was created to bring consistency and comparability to the classifying of industries and businesses across the United States, Canada, and Mexico.

This publication is divided into two main parts. The first part of the publication involves the industry projections. Several tables and graphs are used to show what is happening at the industry level in Arkansas. A written narrative highlights projections at the division level as well as key industries within that division.

The second part of this publication involves occupational projections. Several tables and graphs are used to show what is happening at the occupational level in Arkansas. A written narrative highlights projections at the division level as well as key occupations within that division. Occupations are classified by Standard Occupational Classification (SOC) codes.

Information about annual job openings is included in this publication. Job openings are classified as one of two types: replacement or growth. The more replacement openings a specific occupation has, the higher the turnover for that occupation. It is important to look at both growth annual openings and replacement annual openings when determining whether a particular occupation is right for you.

For each occupation, an education/training level is provided. Educational requirements are determined by the Bureau of Labor Statistics and recognize the educational attainment of most people in a particular occupation. Each occupation will have three categories: education, work experience, and training. Some businesses, however, may require a higher level of training. Some occupations may also have different grades or levels that require different levels of training. These various levels of training will not be reflected in this publication.

The need for workers to have certain skills has become increasingly important in the labor market. A part of the publication presents the top skills that are in demand for new jobs and for jobs being replaced. Top knowledge domains are also presented.

**State of Arkansas Profile**

Arkansas has 75 counties and 10 Local Workforce Development Areas. There are also six Metropolitan Statistical Areas (MSAs). The MSAs are Little Rock/North Little Rock/Conway; Fayetteville/Springdale/Rogers, which includes McDonald County in Missouri; Pine Bluff; Hot Springs; Jonesboro; and Fort Smith, which includes Leflore and Sequoyah Counties in Oklahoma. Parts of two other MSAs are located in the state, but are based in other states. Crittenden County is part of the Memphis/West Memphis MSA, which is based in Tennessee, and Miller County is part of the Texarkana AR/TX MSA, which is based in Texas.

Arkansas is rich in natural resources. There are many historical landmarks and state parks scattered throughout the state. This is one of the reasons why Arkansas is called the Natural State.

Educational opportunities in the state of Arkansas are numerous. Prospective students have a wide range of institutions from which to choose, ranging from two-year community and technical colleges to four-year universities. Students can also choose between public/state institutions and private or religious-based institutions. These schools offer a variety of programs, ranging from technical certificates and Associate’s Degrees to graduate degrees. Arkansas also has a number of small institutions that focus on specific types of careers. With all these educational opportunities, an array of occupational careers is waiting for students.

Arkansas’s population based on the United States Census Bureau estimates was 2,988,248, as of July 1, 2016, which is an increase of 10,395 residents from the July 1, 2015 estimate of 2,977,853. The non-seasonally adjusted average unemployment rate for first quarter 2016 was 4.4 percent, while the seasonally adjusted number was 4.1 percent.

**Methodology**

The following is a brief overview of the methods used to produce short-term employment projections in Arkansas.

**Data Development**

Data development is accomplished by using the following sources:

*The Quarterly Census of Employment and Wages (QCEW) program.* This source provides all the covered employment for Arkansas. A firm or business is considered covered if it meets the guidelines established under the Unemployment Insurance Law.

*The Current Employment Statistics (CES) Survey*. This source provides employment information for non-covered establishments, which are railroads, the Federal Work Study Program, churches, religious-based schools, elected officials, commissioned insurance agents, as well as other establishments not reporting to the *Quarterly Census of Employment and Wages (QCEW)* program.

*Agriculture employment*. This is obtained from the Census of Agriculture. The Census of Agriculture is taken every five years in years ending in two and seven. Information from the QCEW reports is used to make estimates for years following the Census year until the next Census. Other information from the Bureau of Economic Analysis (BEA) is used to supplement agriculture employment.

*Other Non-Covered Employment.* Data on other Agriculture employment, specifically NAICS 113, 114, and 115 as well as Private Households are supplemented using data from the Bureau of Economic Analysis.

Industry Projections

A monthly time series is developed at the three- and four-digit NAICS level from the three sources listed above with a time period of January 1990 to March of the base year 2016. The industry projections in this publication were produced using the *Projections Suite* software, authorized by the U.S. Department of Labor and developed by the Utah Department of Workforce Services. The software has several components to deal with industry projections. First, it allows the analyst to choose from a list of national and state variables to determine a state leading index, which is a list of variables that when factored together, helps predict changes in the state employment figures. National economic variables are also provided. State variables are labor force data, such as civilian labor force and unemployment rate, major industry division (CES) totals, nonfarm employment, building permits, manufacturing hours, natural gas prices, air passenger data, and a composite index.

The software uses a series of statistical models to forecast employment through eight quarters. Using trend and seasonal factors, as well as business cycle patterns, a forecast is chosen based on established statistical methodology. Projections are adjusted to reflect current or near future events in the labor market such as closures, layoffs, openings, and expansions.

Occupational Projections

Occupational projections are produced by merging industries and occupations together into an industry-occupational matrix. This matrix is a table showing the occupational pattern of each industry (i.e., the ratios of employment by occupation in a specific industry). The statewide matrix is based on the Bureau of Labor Statistics’ Occupational Employment Statistics (OES) survey and uses a Standard Occupational Classification (SOC) code for each occupation. It uses the May 2015 OES semiannual survey to establish state staffing patterns and is provided through the Local Employment and Wage Information System (LEWIS). National staffing patterns are used where state patterns do not exist.

The occupational employment projections contained in this publication were created using the *Projections Suite* software, authorized by the U.S. Department of Labor and developed by the Utah Department of Workforce Services. The software applies occupational change factors to the projected patterns to form a projected matrix. Also, using national self-employment staffing patterns, the system generates base and projected employment for self-employed workers. Patterns and projections for Unpaid Family Workers are based on Census numbers.

Data Limitations

The projections contained in this publication are estimates based on historical data. It is important not to rely on these projections as the actual employment numbers that will occur in 2018. While every attempt is made to incorporate current and near future events, such as business closings, corporate layoffs, openings, and expansions, it’s not possible to know everything that might happen. Events that may take place after the projection period or announcements concerning closings, layoffs, openings, and expansions known after projections were completed are not reflected in the forecasts. Also, legislative policy could cause employment to change. Events such as these will likely cause the actual employment numbers to vary significantly from these projections.

It is important to look at both net growth and percent growth when looking at projections. Generally, industries or occupations with small employment will have higher growth rates than those with larger employment, but these industries may only add a few employees over the projection period. When examining occupational projections, it is important to look at both replacement and growth openings. Even if an occupation is in decline, it still may have openings to replace workers who leave the profession for various reasons.

EXPLANATION OF INDUSTRY PROJECTIONS DATA

ARKANSAS-STATEWIDE

2016-2018

| **NAICS Code** | **NAICS Title** | **2016 Estimated Employment** | **2018 Projected Employment** | **Net Growth** | **Percent Growth** |
| --- | --- | --- | --- | --- | --- |
| Industry code according to the North American Industry Classification System (NAICS) Title and Coding Structure | Industry title according to the North American Industry Classification System (NAICS) Title and Coding Structure | An estimate of the number of jobs in an industry in 2016 | The projected number of jobs expected to be in an industry in 2018 | Total number of jobs an industry is expected to gain or lose over the 2016 to 2018 period | Percent change in the number of jobs in an industry over the 2016 to 2018 period |

2016-2018 Arkansas Statewide Industry Projections by Major Division

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **NAICS Code** | **North American Industry Classification System Title** | **2016**  **Estimated**  **Employment** | **2018 Projected**  **Employment** | **Numeric**  **Change** | **Percent**  **Change** |
| **000000** | **TOTAL ALL INDUSTRIES** | **1,366,577** | **1,408,327** | **41,750** | **3.06%** |
| 000671 | Total Self Employed and Unpaid Family Workers, All Jobs | 134,451 | 138,298 | 3,847 | 2.86% |
| 006010 | Self Employed Workers, All Jobs | 127,023 | 130,657 | 3,634 | 2.86% |
| 007010 | Unpaid Family Workers, All Jobs | 7,428 | 7,641 | 213 | 2.87% |
| 101000 | Goods Producing | 228,089 | 232,555 | 4,466 | 1.96% |
| **101100** | **NATURAL RESOURCES AND MINING** | **25,110** | **24,633** | **-477** | **-1.90%** |
| 110000 | Agriculture, Forestry, Fishing and Hunting | 20,354 | 20,889 | 535 | 2.63% |
| 210000 | Mining | 4,756 | 3,744 | -1,012 | -21.28% |
| **101200** | **CONSTRUCTION** | **48,757** | **52,260** | **3,503** | **7.18%** |
| **101300** | **MANUFACTURING** | **154,222** | **155,662** | **1,440** | **0.93%** |
|  | ***Non-Durable Goods Manufacturing*** | ***79,277*** | ***80,846*** | ***1,569*** | ***1.98%*** |
|  | ***Durable Goods Manufacturing*** | ***74,945*** | ***74,816*** | ***-129*** | ***-0.17%*** |
| 102000 | Services Providing | 1,004,037 | 1,037,474 | 33,437 | 3.33% |
| **102100** | **TRADE, TRANSPORTATION, AND UTILITIES** | **249,523** | **256,563** | **7,040** | **2.82%** |
| 420000 | Wholesale Trade | 46,093 | 46,975 | 882 | 1.91% |
| 440000 | Retail Trade | 140,327 | 145,177 | 4,850 | 3.46% |
| 480000 | Transportation and Warehousing | 55,332 | 56,800 | 1,468 | 2.65% |
| 220000 | Utilities | 7,771 | 7,611 | -160 | -2.06% |
| **102200** | **INFORMATION** | **13,630** | **13,386** | **-244** | **-1.79%** |
| **102300** | **FINANCIAL ACTIVITIES** | **50,979** | **52,727** | **1,748** | **3.43%** |
| 520000 | Finance and Insurance | 37,934 | 39,214 | 1,280 | 3.37% |
| 530000 | Real Estate and Rental and Leasing | 13,045 | 13,513 | 468 | 3.59% |
| **102400** | **PROFESSIONAL AND BUSINESS SERVICES** | **139,887** | **146,516** | **6,629** | **4.74%** |
| 540000 | Professional, Scientific, and Technical Services | 42,948 | 45,012 | 2,064 | 4.81% |
| 550000 | Management of Companies and Enterprises | 34,355 | 36,616 | 2,261 | 6.58% |
| 560000 | Administrative and Support and Waste Management and Remediation Services | 62,584 | 64,888 | 2,304 | 3.68% |
| **102500** | **EDUCATION AND HEALTH SERVICES** | **293,242** | **302,879** | **9,637** | **3.29%** |
| 610000 | Educational Services | 115,077 | 118,434 | 3,357 | 2.92% |
| 620000 | Health Care and Social Assistance | 178,165 | 184,445 | 6,280 | 3.52% |
| **102600** | **LEISURE AND HOSPITALITY** | **111,140** | **116,667** | **5,527** | **4.97%** |
| 710000 | Arts, Entertainment, and Recreation | 9,871 | 10,420 | 549 | 5.56% |
| 720000 | Accommodation and Food Services | 101,269 | 106,247 | 4,978 | 4.92% |
| **102700** | **OTHER SERVICES (EXCEPT GOVERNMENT)** | **48,849** | **50,738** | **1,889** | **3.87%** |
| **102800** | **GOVERNMENT** | **96,787** | **97,998** | **1,211** | **1.25%** |

**Industry Outlook**

Between first quarter 2015 and first quarter 2016, an increase of 21,736 jobs was seen in the Arkansas economy, which translates to a 1.87 percent increase in jobs. The job market is expected to continue this growth with an increase of 41,750 jobs, equivalent to a 3.06 percent rise in employment by 2018. Goods-Producing Industries are estimated to see a net gain of 4,466 jobs, while the Services-Providing Industries are forecast to increase employment by 33,437. Arkansas’s self-employed ranks are estimated to experience a net gain of 3,847, an increase of 2.86 percent.

**Natural Resources and Mining**

Employment in **Natural Resources and Mining** is expected to fall by 477 jobs, or 1.90 percent. The significant source of the decline is in the **Mining** sector, which is expected to lose 1,012 jobs, or 21.28 percent of its workforce. A significant drop in investment in Fayetteville Shale natural gas activities is a major contributor to this loss. A small percentage may return but the industry is not likely to return to employment levels it had in its prime. *Support Activities for Mining* could be the major contributor to the loss with 718 jobs projected to be cut, a decline of 35.28 percent, placing it as the top declining industry in the state and second in percent decline. *Oil and Gas Extraction* is predicted to lose 195. These two industries have lost 1,677 jobs between first quarter 2015 and first quarter 2016. The **Agriculture, Forestry, Fishing and Hunting** sector is projected to soften the loss some with a gain of 535 jobs. Both *Crop Production* and *Animal Production* are estimated to see small gains of 337 and 475 jobs, respectively.

**Construction**  
**Construction** is expected to grow by 3,503 jobs between 2016 and 2018. Its projected growth of 7.18 percent is highest in the state among the supersectors. The *Specialty Trade Contractors* subsector is estimated to gain 2,276 jobs during the projection period, almost 65 percent of the total growth in **Construction.** Building Equipment Contractors could account for 1,158 of those jobs, placing eighth in the Top 20 Growing Industries list. Building Finishing Contractors is placing sixth on the Top 20 Fastest Growing Industries list with a 15.83 percent gain. The *Construction of Buildings* subsector is predicted to gain 1,088 jobs, while *Heavy and Civil Engineering Construction* could add a modest 139 jobs. Other Heavy and Civil Engineering Construction could see a decline of 27 jobs, or 4.78 percent of its workforce.

**Non-Durable Goods Manufacturing**  
**Non-Durable Goods Manufacturing** is projected to experience a net gain of 1,569 jobs. *Food Manufacturing* is estimated to have the brightest outlook among the subsectors with a gain of 1,471 jobs, more than 93 percent of the overall growth in **Non-Durable Goods Manufacturing**. Animal Slaughtering and Processing could see strong growth during the projection period with an anticipated increase of 989, placing it among the Top 10 on the Top 20 Growing Industries by Net Growth list. Animal Food Manufacturing is predicted to gain 13.77 percent placing the industry among the Top 10 on the Top 20 Fastest Growing Industries by Percent Growth list for the state. The *Plastics and Rubber Products* *Manufacturing* subsector is estimated to add 150 jobs to its workforce. Not all areas in **Non-Durable Goods Manufacturing** are seeing a favorable outlook. *Paper Manufacturing* is estimated to lose 252 jobs, or about 2.62 percent of its workforce. Converted Paper Product Manufacturing is likely to lose the most with 177 jobs projected to be lost. *Textile Mills* could lose 12.87 percent of its workforce between 2016 and 2018.

**Durable Goods Manufacturing**

**Durable Goods Manufacturing** is forecast to see a mixed outlook between 2016 and 2018 with a net loss of 129 jobs. The brightest outlook could come in *Transportation Equipment Manufacturing* with a gain of 415 jobs, an increase of 3.07 percent. The top 3 fastest growing industries in the state are in **Durable Goods Manufacturing** with Forging and Stamping leading with an anticipated increase of 32.11 percent. Iron and Steel Mills and Ferroalloy Manufacturing places third in the Top 20 Fastest Growing Industries list with a 21.13 percent increase in jobs and also makes the Top 20 Growing Industries list. On the negative side of the economy, *Furniture and Related Product Manufacturing* could lose 381 jobs, or 11.08 percent of its workforce. Household and Institutional Furniture & Kitchen Cabinet Manufacturing drives this decline with a loss of 246, but Ventilation, Heating, Air-Conditioning, and Commercial Refrigeration Equipment Manufacturing could lose the most among Durable Goods industries declining by 307 jobs, or more than 10 percent of its workforce. Cutlery and Handtool Manufacturing is estimated to lose 44.11 percent of its workforce between 2016 and 2018, making it the fastest declining industry in the state. In all, 10 industries in Durable Goods Manufacturing make the Top 20 Fastest Declining Industries list. Also, *Computer and Electronic Product Manufacturing* is predicted to lose 333 jobs, or 14.48 percent of its workforce.

**Wholesale Trade**

The **Wholesale Trade** sector is projected to have a net gain of 882 jobs, a 1.91 percent increase. *Merchant Wholesalers, Durable Goods* is forecast to increase by 514 jobs, while *Merchant Wholesalers, Nondurable Goods* is estimated to experience a growth of 19. *Wholesale Electronic Markets and Agents and Brokers* is predicted to add 349 jobs to the Arkansas labor market. Motor Vehicle and Motor Vehicle Parts and Supplies Merchant Wholesalers leads all industries in **Wholesale Trade** with an expected gain of 239 jobs. On the negative side of the economy, Miscellaneous Nondurable Goods Merchant Wholesalers is expected to lose 119 jobs, or 3.41 percent of its workforce.   
  
**Retail Trade**

**Retail Trade** is projected to add 4,850 new jobs to the Arkansas labor market, about 69 percent of the job growth in **Trade, Transportation, and Utilities.** *General Merchandise Stores* is projected to add the most jobs with 1,083 new jobs anticipated. *Furniture and Home Furnishings Stores* could increase employment by 7.68 percent between 2016 and 2018. Other Motor Vehicle Dealers is projected to be the fastest growing among **Retail Trade** industries increasing by 14.20 percent. Most of the **Retail Trade** industries are expecting growth, however, *Nonstore Retailers* is anticipated to lose 19, or just under 1.00 percent of its workforce, and *Electronics and Appliance Stores* could see a slight net loss due to recent closures.

**Transportation and Warehousing**

The **Transportation and Warehousing** sector is predicted to have a net gain of 1,468 jobs over the projection period. *Warehousing and Storage* could see the most jobs with 872 new jobs, an increase of 10.77 percent. *Truck Transportation* is projected to add an additional 303 new jobs to the labor market. Driving this growth is General Freight Trucking with a gain of 481. Nonscheduled Air Transportation is projected to be the fourth fastest growing industry increasing jobs by 20.48 percent. On the negative side of the economy, Specialized Freight Trucking could lose 178 jobs. Support Activities for Air Transportationis slated to lose 12.71 percent of its workforce.

**Utilities**

The **Utilities** sector could see a drop in employment by March 2018 with a loss of 160 jobs, or 2.06 percent of its workforce. Electric Power Generation, Transmission and Distribution is estimated to take the brunt of the loss with a decline of 102 jobs, while Water, Sewage and Other Systems could add 10 new jobs to its workforce.

**Information**

**Information** is expected to continue to struggle with an anticipated loss of 244 jobs by the first quarter of 2018. *Publishing Industries (except Internet)* is expected to have a net loss of 259. Newspaper, Periodical, Book, and Directory Publishers is expected to lose 290 jobs, or 9.08 percent of its workforce. The *Telecommunications* subsector is expected to lose 79 jobs. The bright spot in this supersector comes in *Data Processing, Hosting and Related Services* with a gain of 64 new jobs, a 4.87 percent increase in jobs.

**Finance and Insurance**

The **Finance and Insurance** sector is predicted to experience a net gain of 1,280 jobs between 2016 and 2018, a 3.37 percent rise in employment. *Insurance Carriers and Related Activities* could see a rise in employment over the 2016-2018 period with 703 new jobs. Increasing requirements under the Affordable Care Act may play a role in this increase. Insurance Carriers are likely to drive this growth adding 494 jobs, or 6.62 percent increase. *Credit Intermediation and Related Activities* could see a turnaround with a net gain of 565 new jobs. Contributing to this growth is Depository Credit Intermediation, which is predicted to add 402 jobs to its workforce.

**Real Estate and Rental and Leasing**

The **Real Estate and Rental and Leasing** sector is expected to see a net gain of 468 jobs during the projection period. The *Real Estate* subsector is predicted to dominate the growth in the sector adding 370 new jobs to its workforce, while the *Rental and Leasing Services* subsector is predicted to gain 107 jobs. Activities Related to Real Estate is estimated to be the top growing industry in the sector with 162 new jobs, while Consumer Goods Rental is anticipated to increase employment by 135, or 6.89 percent. Commercial and Industrial Machinery and Equipment Rental and Leasing could offset this with a loss of 87, or 9.34 percent of its workforce.

**Professional, Scientific, and Technical Services**

The **Professional, Scientific, and Technical Services** sector is predicted to add 2,064 new jobs, an increase of 4.81 percent. Computer Systems Design and Related Services is estimated to lead the sector in growth with 623 new jobs placing it on the Top 20 Growing Industries list. Architectural, Engineering, and Related Services is estimated to gain an additional 438 jobs, a 7.30 percent increase. Specialized Design Services could see a tough outlook with a loss of 88 jobs or 21.78 percent of its workforce.

**Management of Companies and Enterprises**

Between first quarter 2015 and first quarter 2016, the **Management of Companies and Enterprises** sector experienced a growth of 1,760 new jobs. The industry is estimated to continue strong growth during the projection period with 2,261 new jobs, a 6.58 percent increase, the fastest among Services-Providing sectors. The industry is third in the Top 20 Growing industries list.

**Administrative and Support and Waste Management and Remediation Services**

The **Administrative and Support and Waste Management and Remediation Services** sector is projected to account for 2,304 new jobs, a 3.68 percent increase during the projection period. The majority of the job growth is likely to come in the *Administrative and Support Services* subsector, which is estimated to add 2,139 new jobs. Two industries within this subsector are forecast to be on the Top 20 Growing Industries list for the state. Employment Services is expected to be fourth in the state in net growth with 1,389 new jobs, while Services to Buildings and Dwellings is anticipated to add 562 to its workforce. *Waste Management and Remediation Services* is predicted to have a gain of 165 jobs between 2016 and 2018. Business Support Services, however, could see the toughest outlook losing 114 jobs during the projection period.

**Educational Services**

The **Educational Services** sector is predicted to experience a net gain of 3,357 jobs during the projection period. Colleges, Universities, and Professional Schools is estimated to add 791 jobs during the projection period, while Elementary and Secondary Schools could add the most with 2,351 new jobs anticipated. Private and Charter schools could be a contributing factor of this growth in this subsector.

**Health Care and Social Assistance**

The **Health Care and Social Assistance** sector is projected to add 6,280 jobs, making it the top growing industry sector in the state and more than 65 percent of the growth in **Education and Health Services,** which is expected to be the top growing supersector with an increase of 9,637 jobs. The *Ambulatory Health Care Services* subsector is estimated to add 2,981 jobs to the Arkansas labor market, while *Hospitals* are predicted to add a total of 1,013 to their workforce. Offices of Physicians is estimated to add 1,318 new jobs placing it among the Top 5 on the Top 20 Growing Industries list. The *Social Assistance* subsector is projected to have a net gain of 1,630 jobs. Individual and Family Services is second in net change in **Health Care and Social Assistance** and sixth overall in the state with an anticipated growth of 1,254 jobs. The only major downside in **Healthcare and Social Assistance** is expected in Other Residential Care Facilities with a decline of 92 jobs, an 8.46 percent drop in employment.

**Arts, Entertainment, and Recreation**

The **Arts, Entertainment, and Recreation** sector is projected to experience a net gain of 549 jobs. More than 54 percent of the growth is likely to come in *Amusement, Gambling, and Recreation Industries*, which is projected to gain 297 jobs between 2016 and 2018, while *Performing Arts, Spectator Sports, and Related Industries* is predicted to have a net gain of 170 jobs. Other Amusement and Recreation Industries is predicted to add 301 jobs to the labor force, an increase of 4.92 percent. *Museums, Historical Sites, and Similar Institutions* could be among the 10 fastest growing industries in the state with a 13.44 percent rise in employment. Performing Arts Companies is predicted to lose 10.15 percent of its workforce making the Top 20 Fastest Declining Industries list.

**Accommodation and Food Services**

The **Accommodation and Food Services** sector will likely see most of the growth that is projected to occur in the **Leisure and Hospitality** supersector with an increase of 4,978 jobs. The *Food Services and Drinking Places* subsector will likely drive the growth with a net gain of 4,769 jobs. Restaurants and Other Eating Places is projected to be the top growing industry in the state with a gain of 4,360 jobs. The industry added 4,115 jobs between March 2015 and March 2016. *Accommodation, including Hotels and Motels* could gain an additional 209 jobs during the projection period.

**Other Services (Except Government)**

The **Other Services** (**Except** **Government**) supersector is expected to experience a net gain of 1,889 jobs between 2016 and 2018. *Religious, Grantmaking, Civic, Professional, and Similar Organizations* is predicted to experience a net gain of 1,294 jobs, while *Repair and Maintenance* is projected to see a net gain of 555 jobs. Religious Organizations is the top growing industry in **Other Services (Except Government)** with an anticipated 1,206 new jobs. Private Households is estimated to lose 123 jobs, or 5.71 percent of its workforce.

**Government**

The **Government** supersector is projected to see a net gain of 1,211 jobs during the projection period. Local Government, Excluding Education and Hospitals is predicted to have the brightest outlook with 705 new jobs, while State Government, Excluding Education and Hospitals could add 557. Federal Government, Excluding Post Office could see a loss of 157 jobs during the projection period, while Postal Service could see an increase of 106 jobs.

Top 20 Growing Industries by Net Growth

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **NAICS Code** | **NAICS Title** | **2016 Estimated Employment** | **2018 Projected Employment** | **Net Growth** | **Percent Growth** |
| 722500 | Restaurants and Other Eating Places | 85,850 | 90,210 | **4,360** | 5.08% |
| 611100 | Elementary and Secondary Schools | 77,887 | 80,238 | **2,351** | 3.02% |
| *551000* | *Management of Companies and Enterprises* | *34,355* | *36,616* | ***2,261*** | *6.58%* |
| 561300 | Employment Services | 26,708 | 28,097 | **1,389** | 5.20% |
| 621100 | Offices of Physicians | 23,820 | 25,138 | **1,318** | 5.53% |
| 624100 | Individual and Family Services | 24,642 | 25,896 | **1,254** | 5.09% |
| 813100 | Religious Organizations | 19,565 | 20,771 | **1,206** | 6.16% |
| 238200 | Building Equipment Contractors | 16,486 | 17,644 | **1,158** | 7.02% |
| 311600 | Animal Slaughtering and Processing | 29,588 | 30,577 | **989** | 3.34% |
| 236200 | Nonresidential Building Construction | 7,324 | 8,237 | **913** | 12.47% |
| 493000 | Warehousing and Storage | 8,097 | 8,969 | **872** | 10.77% |
| 622100 | General Medical and Surgical Hospitals | 49,923 | 50,763 | **840** | 1.68% |
| 611300 | Colleges, Universities, and Professional Schools | 26,314 | 27,105 | **791** | 3.01% |
| 999300 | Local Government, Excluding Education and Hospitals | 40,024 | 40,729 | **705** | 1.76% |
| 238300 | Building Finishing Contractors | 4,309 | 4,991 | **682** | 15.83% |
| 541500 | Computer Systems Design and Related Services | 10,215 | 10,838 | **623** | 6.10% |
| 561700 | Services to Buildings and Dwellings | 13,442 | 14,004 | **562** | 4.18% |
| 999200 | State Government, Excluding Education and Hospitals | 36,216 | 36,773 | **557** | 1.54% |
| 331100 | Iron and Steel Mills and Ferroalloy Manufacturing | 2,546 | 3,084 | **538** | 21.13% |
| 621300 | Offices of Other Health Practitioners | 8,063 | 8,583 | **520** | 6.45% |

Top 20 Fastest Growing Industries by Percent Growth (50 Minimum Employment)

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **NAICS Code** | **NAICS Title** | **2016 Estimated Employment** | **2018 Projected Employment** | **Net Growth** | **Percent Growth** |
| 332100 | Forging and Stamping | 383 | 506 | 123 | **32.11%** |
| 327100 | Clay Product and Refractory Manufacturing | 402 | 490 | 88 | **21.89%** |
| 331100 | Iron and Steel Mills and Ferroalloy Manufacturing | 2,546 | 3,084 | 538 | **21.13%** |
| 481200 | Nonscheduled Air Transportation | 83 | 100 | 17 | **20.48%** |
| 325300 | Pesticide, Fertilizer, and Other Agricultural Chemical Manufacturing | 422 | 495 | 73 | **17.30%** |
| 238300 | Building Finishing Contractors | 4,309 | 4,991 | 682 | **15.83%** |
| 721300 | Rooming and Boarding Houses | 126 | 145 | 19 | **15.08%** |
| 441200 | Other Motor Vehicle Dealers | 1,577 | 1,801 | 224 | **14.20%** |
| 311100 | Animal Food Manufacturing | 1,518 | 1,727 | 209 | **13.77%** |
| *712000* | *Museums, Historical Sites, and Similar Institution* | *610* | *692* | *82* | ***13.44%*** |
| 236200 | Nonresidential Building Construction | 7,324 | 8,237 | 913 | **12.47%** |
| 562200 | Waste Treatment and Disposal | 825 | 927 | 102 | **12.36%** |
| 812900 | Other Personal Services | 829 | 926 | 97 | **11.70%** |
| 314900 | Other Textile Product Mills | 917 | 1,019 | 102 | **11.12%** |
| 453300 | Used Merchandise Stores | 1,994 | 2,211 | 217 | **10.88%** |
| 811200 | Electronic and Precision Equipment Repair and Maintenance | 896 | 993 | 97 | **10.83%** |
| 493000 | Warehousing and Storage | 8,097 | 8,969 | 872 | **10.77%** |
| 424800 | Beer, Wine, and Distilled Alcoholic Beverage Merchant Wholesalers | 1,589 | 1,759 | 170 | **10.70%** |
| 813200 | Grantmaking and Giving Services | 863 | 953 | 90 | **10.43%** |
| 711300 | Promoters of Performing Arts, Sports, and Similar Events | 658 | 724 | 66 | **10.03%** |

##### Top 20 Declining Industries by Net Growth

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **NAICS Code** | **NAICS Title** | **2016 Estimated Employment** | **2018 Projected Employment** | **Net Growth** | **Percent Growth** |
| *213000* | *Support Activities for Mining* | *2,035* | *1,317* | ***-718*** | *-35.28%* |
| *115000* | *Support Activities for Agriculture and Forestry* | *5,250* | *4,926* | ***-324*** | *-6.17%* |
| 333400 | Ventilation, Heating, Air-Conditioning, and Commercial Refrigeration Equipment Manufacturing | 3,046 | 2,739 | **-307** | -10.08% |
| 511100 | Newspaper, Periodical, Book, and Directory Publishers | 3,195 | 2,905 | **-290** | -9.08% |
| 332200 | Cutlery and Handtool Manufacturing | 603 | 337 | **-266** | -44.11% |
| 331500 | Foundries | 1,888 | 1,628 | **-260** | -13.77% |
| 337100 | Household and Institutional Furniture & Kitchen Cabinet Manufacturing | 2,619 | 2,373 | **-246** | -9.39% |
| *211000* | *Oil and Gas Extraction* | *1,157* | *962* | ***-195*** | *-16.85%* |
| 484200 | Specialized Freight Trucking | 6,215 | 6,037 | **-178** | -2.86% |
| 322200 | Converted Paper Product Manufacturing | 5,674 | 5,497 | **-177** | -3.12% |
| 335300 | Electrical Equipment Manufacturing | 3,248 | 3,076 | **-172** | -5.30% |
| 336300 | Motor Vehicle Parts Manufacturing | 4,982 | 4,815 | **-167** | -3.35% |
| 334400 | Semiconductor and Other Electronic Component Manufacturing | 1,622 | 1,461 | **-161** | -9.93% |
| 999100 | Federal Government, Excluding Post Office | 15,057 | 14,900 | **-157** | -1.04% |
| 453200 | Office Supplies, Stationery, and Gift Stores | 1,828 | 1,679 | **-149** | -8.15% |
| 337200 | Office Furniture (including Fixtures) Manufacturing | 717 | 585 | **-132** | -18.41% |
| 488100 | Support Activities for Air Transportation | 968 | 845 | **-123** | -12.71% |
| *814000* | *Private Households* | *2,155* | *2,032* | ***-123*** | *-5.71%* |
| 424900 | Miscellaneous Nondurable Goods Merchant Wholesalers | 3,493 | 3,374 | **-119** | -3.41% |
| 517100 | Wired Telecommunications Carriers | 3,777 | 3,663 | **-114** | -3.02% |
| 561400 | Business Support Services | 8,181 | 8,067 | **-114** | -1.39% |

Top 20 Fastest Declining Industries by Percent Growth (Net Growth No Greater than -5)

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **NAICS Code** | **NAICS Title** | **2016 Estimated Employment** | **2018 Projected Employment** | **Net Growth** | **Percent Growth** |
| 332200 | Cutlery and Handtool Manufacturing | 603 | 337 | -266 | **-44.11%** |
| *213000* | *Support Activities for Mining* | *2,035* | *1,317* | *-718* | ***-35.28%*** |
| 334500 | Navigational, Measuring, Electromedical, and Control Instruments Manufacturing | 411 | 307 | -104 | **-25.30%** |
| 541400 | Specialized Design Services | 404 | 316 | -88 | **-21.78%** |
| 337200 | Office Furniture (including Fixtures) Manufacturing | 717 | 585 | -132 | **-18.41%** |
| 327900 | Other Nonmetallic Mineral Product Manufacturing | 432 | 355 | -77 | **-17.82%** |
| *211000* | *Oil and Gas Extraction* | *1,157* | *962* | *-195* | ***-16.85%*** |
| 533000 | Lessors of Nonfinancial Intangible Assets (except Copyrighted Works) | 54 | 45 | -9 | **-16.67%** |
| 332400 | Boiler, Tank, and Shipping Container Manufacturing | 707 | 607 | -100 | **-14.14%** |
| 331500 | Foundries | 1,888 | 1,628 | -260 | **-13.77%** |
| 488100 | Support Activities for Air Transportation | 968 | 845 | -123 | **-12.71%** |
| 517900 | Other Telecommunications | 280 | 248 | -32 | **-11.43%** |
| 424200 | Drugs and Druggists' Sundries Merchant Wholesalers | 605 | 538 | -67 | **-11.07%** |
| 316200 | Footwear Manufacturing | 909 | 812 | -97 | **-10.67%** |
| 711100 | Performing Arts Companies | 335 | 301 | -34 | **-10.15%** |
| 333400 | Ventilation, Heating, Air-Conditioning, and Commercial Refrigeration Equipment Manufacturing | 3,046 | 2,739 | -307 | **-10.08%** |
| 332600 | Spring and Wire Product Manufacturing | 388 | 349 | -39 | **-10.05%** |
| 334400 | Semiconductor and Other Electronic Component Manufacturing | 1,622 | 1,461 | -161 | **-9.93%** |
| 337100 | Household and Institutional Furniture & Kitchen Cabinet Manufacturing | 2,619 | 2,373 | -246 | **-9.39%** |
| 532400 | Commercial and Industrial Machinery and Equipment Rental and Leasing | 931 | 844 | -87 | **-9.34%** |

| **NAICS**  **Code** | **North American Industry Classification System Title** | **2016 Estimated Employment** | **2018 Projected Employment** | **Numeric Change** | **Percent Change** |
| --- | --- | --- | --- | --- | --- |
| **000000** | **TOTAL ALL INDUSTRIES** | **1,366,577** | **1,408,327** | **41,750** | **3.06%** |
|  |  |  |  |  |  |
| **000671** | **Total Self Employed and Unpaid Family Workers, All Jobs** | **134,451** | **138,298** | **3,847** | **2.86%** |
| *006010* | *Self Employed Workers, All Jobs* | *127,023* | *130,657* | *3,634* | *2.86%* |
| *007010* | *Unpaid Family Workers, All Jobs* | *7,428* | *7,641* | *213* | *2.87%* |
|  |  |  |  |  |  |
| 101000 | Goods Producing | 228,089 | 232,555 | 4,466 | 1.96% |
|  |  |  |  |  |  |
| **101100** | **NATURAL RESOURCES AND MINING** | **25,110** | **24,633** | **-477** | **-1.90%** |
|  |  |  |  |  |  |
| ***110000*** | ***Agriculture, Forestry, Fishing and Hunting*** | ***20,354*** | ***20,889*** | ***535*** | ***2.63%*** |
| *111000* | *Crop Production* | *6,740* | *7,077* | *337* | *5.00%* |
| *112000* | *Animal Production* | *5,838* | *6,313* | *475* | *8.14%* |
| *115000* | *Support Activities for Agriculture and Forestry* | *5,250* | *4,926* | *-324* | *-6.17%* |
|  | *OTHER* | *2,526* | *2,573* | *47* | *1.86%* |
|  |  |  |  |  |  |
| ***210000*** | ***Mining*** | ***4,756*** | ***3,744*** | ***-1,012*** | ***-21.28%*** |
| *211000* | *Oil and Gas Extraction* | *1,157* | *962* | *-195* | *-16.85%* |
| *212000* | *Mining (except Oil and Gas)* | *1,564* | *1,465* | *-99* | *-6.33%* |
| *213000* | *Support Activities for Mining* | *2,035* | *1,317* | *-718* | *-35.28%* |
|  |  |  |  |  |  |
| **101200** | **CONSTRUCTION** | **48,757** | **52,260** | **3,503** | **7.18%** |
|  |  |  |  |  |  |
| ***230000*** | ***Construction*** | ***48,757*** | ***52,260*** | ***3,503*** | ***7.18%*** |
| *236000* | *Construction of Buildings* | *10,313* | *11,401* | *1,088* | *10.55%* |
| 236100 | Residential Building Construction | 2,989 | 3,164 | 175 | 5.85% |
| 236200 | Nonresidential Building Construction | 7,324 | 8,237 | 913 | 12.47% |
| *237000* | *Heavy and Civil Engineering Construction* | *7,414* | *7,553* | *139* | *1.87%* |
| 237100 | Utility System Construction | 4,150 | 4,260 | 110 | 2.65% |
| 237200 | Land Subdivision | 85 | 82 | -3 | -3.53% |
| 237300 | Highway, Street, and Bridge Construction | 2,614 | 2,673 | 59 | 2.26% |
| 237900 | Other Heavy and Civil Engineering Construction | 565 | 538 | -27 | -4.78% |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
| *238000* | *Specialty Trade Contractors* | *31,030* | *33,306* | *2,276* | *7.33%* |
| 238100 | Foundation, Structure, and Building Exterior Contractors | 5,822 | 6,089 | 267 | 4.59% |
| 238200 | Building Equipment Contractors | 16,486 | 17,644 | 1,158 | 7.02% |
| 238300 | Building Finishing Contractors | 4,309 | 4,991 | 682 | 15.83% |
| 238900 | Other Specialty Trade Contractors | 4,413 | 4,582 | 169 | 3.83% |
|  |  |  |  |  |  |
| **101300** | **MANUFACTURING** | **154,222** | **155,662** | **1,440** | **0.93%** |
|  |  |  |  |  |  |
|  | ***Non-Durable Goods Manufacturing*** | ***79,277*** | ***80,846*** | ***1,569*** | ***1.98%*** |
| *311000* | *Food Manufacturing* | *43,973* | *45,444* | *1,471* | *3.35%* |
| 311100 | Animal Food Manufacturing | 1,518 | 1,727 | 209 | 13.77% |
| 311200 | Grain and Oilseed Milling | 2,570 | 2,532 | -38 | -1.48% |
| 311400 | Fruit and Vegetable Preserving and Specialty Food Manufacturing | 4,125 | 4,071 | -54 | -1.31% |
| 311500 | Dairy Product Manufacturing | 531 | 530 | -1 | -0.19% |
| 311600 | Animal Slaughtering and Processing | 29,588 | 30,577 | 989 | 3.34% |
| 311800 | Bakeries and Tortilla Manufacturing | 3,492 | 3,651 | 159 | 4.55% |
| 311900 | Other Food Manufacturing | 2,090 | 2,297 | 207 | 9.90% |
|  | Other | 59 | 59 | 0 | 0.00% |
| *312000* | *Beverage and Tobacco Product Manufacturing* | *1,342* | *1,417* | *75* | *5.59%* |
| *313000* | *Textile Mills* | *101* | *88* | *-13* | *-12.87%* |
| *314000* | *Textile Product Mills* | *953* | *1,055* | *102* | *10.70%* |
| 314100 | Textile Furnishings Mills | 36 | 36 | 0 | 0.00% |
| 314900 | Other Textile Product Mills | 917 | 1,019 | 102 | 11.12% |
| *315000* | *Apparel Manufacturing* | *914* | *953* | *39* | *4.27%* |
| 315100 | Apparel Knitting Mills | 673 | 732 | 59 | 8.77% |
| 315200 | Cut and Sew Apparel Manufacturing | 151 | 138 | -13 | -8.61% |
| 315900 | Apparel Accessories and Other Apparel Manufacturing | 90 | 83 | -7 | -7.78% |
| *316000* | *Leather and Allied Product Manufacturing* | *1,104* | *1,025* | *-79* | *-7.16%* |
| 316200 | Footwear Manufacturing | 909 | 812 | -97 | -10.67% |
| 316900 | Other Leather and Allied Product Manufacturing | 195 | 213 | 18 | 9.23% |
| *322000* | *Paper Manufacturing* | *9,627* | *9,375* | *-252* | *-2.62%* |
| 322100 | Pulp, Paper, and Paperboard Mills | 3,953 | 3,878 | -75 | -1.90% |
| 322200 | Converted Paper Product Manufacturing | 5,674 | 5,497 | -177 | -3.12% |
| *323000* | *Printing and Related Support Activities* | *4,029* | *3,986* | *-43* | *-1.07%* |
| *324000* | *Petroleum and Coal Products Manufacturing* | *1,141* | *1,205* | *64* | *5.61%* |
|  |  |  |  |  |  |
| *325000* | *Chemical Manufacturing* | *5,064* | *5,119* | *55* | *1.09%* |
| 325100 | Basic Chemical Manufacturing | 1,854 | 1,852 | -2 | -0.11% |
| 325200 | Resin, Synthetic Rubber, and Artificial Synthetic Fibers and Filaments Manufacturing | 295 | 289 | -6 | -2.03% |
| 325300 | Pesticide, Fertilizer, and Other Agricultural Chemical Manufacturing | 422 | 495 | 73 | 17.30% |
| 325400 | Pharmaceutical and Medicine Manufacturing | 300 | 316 | 16 | 5.33% |
| 325500 | Paint, Coating, and Adhesive Manufacturing | 270 | 267 | -3 | -1.11% |
| 325600 | Soap, Cleaning Compound, and Toilet Preparation Manufacturing | 1,185 | 1,126 | -59 | -4.98% |
| 325900 | Other Chemical Product and Preparation Manufacturing | 738 | 774 | 36 | 4.88% |
| *326000* | *Plastics and Rubber Products Manufacturing* | *11,029* | *11,179* | *150* | *1.36%* |
| 326100 | Plastics Product Manufacturing | 6,770 | 7,016 | 246 | 3.63% |
| 326200 | Rubber Product Manufacturing | 4,259 | 4,163 | -96 | -2.25% |
|  |  |  |  |  |  |
|  | ***Durable Goods Manufacturing*** | ***74,945*** | ***74,816*** | ***-129*** | ***-0.17%*** |
| *321000* | *Wood Product Manufacturing* | *9,359* | *9,643* | *284* | *3.03%* |
| 321100 | Sawmills and Wood Preservation | 4,478 | 4,705 | 227 | 5.07% |
| 321200 | Veneer, Plywood, and Engineered Wood Product Manufacturing | 1,857 | 1,769 | -88 | -4.74% |
| 321900 | Other Wood Product Manufacturing | 3,024 | 3,169 | 145 | 4.79% |
| *327000* | *Nonmetallic Mineral Product Manufacturing* | *3,567* | *3,627* | *60* | *1.68%* |
| 327100 | Clay Product and Refractory Manufacturing | 402 | 490 | 88 | 21.89% |
| 327200 | Glass and Glass Product Manufacturing | 352 | 332 | -20 | -5.68% |
| 327300 | Cement and Concrete Product Manufacturing | 2,105 | 2,181 | 76 | 3.61% |
| 327400 | Lime and Gypsum Product Manufacturing | 276 | 269 | -7 | -2.54% |
| 327900 | Other Nonmetallic Mineral Product Manufacturing | 432 | 355 | -77 | -17.82% |
| *331000* | *Primary Metal Manufacturing* | *8,344* | *8,474* | *130* | *1.56%* |
| 331100 | Iron and Steel Mills and Ferroalloy Manufacturing | 2,546 | 3,084 | 538 | 21.13% |
| 331200 | Steel Product Manufacturing from Purchased Steel | 2,204 | 2,108 | -96 | -4.36% |
| 331300 | Alumina and Aluminum Production | 1,250 | 1,238 | -12 | -0.96% |
| 331400 | Nonferrous Metal (except Aluminum) Production and Processing | 456 | 416 | -40 | -8.77% |
| 331500 | Foundries | 1,888 | 1,628 | -260 | -13.77% |
| *332000* | *Fabricated Metal Product Manufacturing* | *14,932* | *14,917* | *-15* | *-0.10%* |
| 332100 | Forging and Stamping | 383 | 506 | 123 | 32.11% |
| 332200 | Cutlery and Handtool Manufacturing | 603 | 337 | -266 | -44.11% |
| 332300 | Architectural and Structural Metals Manufacturing | 4,188 | 4,359 | 171 | 4.08% |
| 332400 | Boiler, Tank, and Shipping Container Manufacturing | 707 | 607 | -100 | -14.14% |
| 332500 | Hardware Manufacturing | 280 | 286 | 6 | 2.14% |
| 332600 | Spring and Wire Product Manufacturing | 388 | 349 | -39 | -10.05% |
| 332700 | Machine Shops; Turned Product; and Screw, Nut, and Bolt Manufacturing | 1,874 | 1,841 | -33 | -1.76% |
| 332800 | Coating, Engraving, Heat Treating, and Allied Activities | 661 | 639 | -22 | -3.33% |
| 332900 | Other Fabricated Metal Product Manufacturing | 5,848 | 5,993 | 145 | 2.48% |
| *333000* | *Machinery Manufacturing* | *11,059* | *10,936* | *-123* | *-1.11%* |
| 333100 | Agriculture, Construction, and Mining Machinery Manufacturing | 2,748 | 2,813 | 65 | 2.37% |
| 333200 | Industrial Machinery Manufacturing | 607 | 596 | -11 | -1.81% |
| 333300 | Commercial and Service Industry Machinery Manufacturing | 735 | 737 | 2 | 0.27% |
| 333400 | Ventilation, Heating, Air-Conditioning, and Commercial Refrigeration Equipment Manufacturing | 3,046 | 2,739 | -307 | -10.08% |
| 333500 | Metalworking Machinery Manufacturing | 1,035 | 955 | -80 | -7.73% |
| 333600 | Engine, Turbine, and Power Transmission Equipment Manufacturing | 663 | 704 | 41 | 6.18% |
| 333900 | Other General Purpose Machinery Manufacturing | 2,225 | 2,392 | 167 | 7.51% |
| *334000* | *Computer and Electronic Product Manufacturing* | *2,300* | *1,967* | *-333* | *-14.48%* |
| 334400 | Semiconductor and Other Electronic Component Manufacturing | 1,622 | 1,461 | -161 | -9.93% |
| 334500 | Navigational, Measuring, Electromedical, and Control Instruments Manufacturing | 411 | 307 | -104 | -25.30% |
|  | Other | 267 | 199 | -68 | -25.47% |
| *335000* | *Electrical Equipment, Appliance, and Component Manufacturing* | *5,015* | *4,759* | *-256* | *-5.10%* |
| 335100 | Electric Lighting Equipment Manufacturing | 366 | 365 | -1 | -0.27% |
| 335200 | Household Appliance Manufacturing | 43 | 42 | -1 | -2.33% |
| 335300 | Electrical Equipment Manufacturing | 3,248 | 3,076 | -172 | -5.30% |
| 335900 | Other Electrical Equipment and Component Manufacturing | 1,358 | 1,276 | -82 | -6.04% |
| *336000* | *Transportation Equipment Manufacturing* | *13,505* | *13,920* | *415* | *3.07%* |
| 336200 | Motor Vehicle Body and Trailer Manufacturing | 1,839 | 1,867 | 28 | 1.52% |
| 336300 | Motor Vehicle Parts Manufacturing | 4,982 | 4,815 | -167 | -3.35% |
| 336400 | Aerospace Product and Parts Manufacturing | 3,405 | 3,644 | 239 | 7.02% |
| 336600 | Ship and Boat Building | 1,833 | 1,968 | 135 | 7.36% |
|  | Other | 1,446 | 1,626 | 180 | 12.45% |
| *337000* | *Furniture and Related Product Manufacturing* | *3,440* | *3,059* | *-381* | *-11.08%* |
| 337100 | Household and Institutional Furniture & Kitchen Cabinet Manufacturing | 2,619 | 2,373 | -246 | -9.39% |
| 337200 | Office Furniture (including Fixtures) Manufacturing | 717 | 585 | -132 | -18.41% |
| 337900 | Other Furniture Related Product Manufacturing | 104 | 101 | -3 | -2.88% |
| *339000* | *Miscellaneous Manufacturing* | *3,424* | *3,514* | *90* | *2.63%* |
| 339100 | Medical Equipment and Supplies Manufacturing | 1,701 | 1,827 | 126 | 7.41% |
| 339900 | Other Miscellaneous Manufacturing | 1,723 | 1,687 | -36 | -2.09% |
|  |  |  |  |  |  |
| 102000 | Services Providing | 1,004,037 | 1,037,474 | 33,437 | 3.33% |
| **102100** | **TRADE, TRANSPORTATION, AND UTILITIES** | **249,523** | **256,563** | **7,040** | **2.82%** |
|  |  |  |  |  |  |
| ***420000*** | ***Wholesale Trade*** | ***46,093*** | ***46,975*** | ***882*** | ***1.91%*** |
| *423000* | *Merchant Wholesalers, Durable Goods* | *20,348* | *20,862* | *514* | *2.53%* |
| 423100 | Motor Vehicle and Motor Vehicle Parts and Supplies Merchant Wholesalers | 2,618 | 2,857 | 239 | 9.13% |
| 423200 | Furniture and Home Furnishing Merchant Wholesalers | 446 | 458 | 12 | 2.69% |
| 423300 | Lumber and Other Construction Materials Merchant Wholesalers | 1,399 | 1,459 | 60 | 4.29% |
| 423400 | Professional and Commercial Equipment and Supplies Merchant Wholesalers | 2,396 | 2,453 | 57 | 2.38% |
| 423500 | Metal and Mineral (except Petroleum) Merchant Wholesalers | 857 | 840 | -17 | -1.98% |
| 423600 | Household Appliances & Electrical and Electronic Goods Merchant Wholesalers | 1,880 | 1,945 | 65 | 3.46% |
| 423700 | Hardware, and Plumbing and Heating Equipment and Supplies Merchant Wholesalers | 2,312 | 2,424 | 112 | 4.84% |
| 423800 | Machinery, Equipment, and Supplies Merchant Wholesalers | 6,644 | 6,656 | 12 | 0.18% |
| 423900 | Miscellaneous Durable Goods Merchant Wholesalers | 1,796 | 1,770 | -26 | -1.45% |
| *424000* | *Merchant Wholesalers, Nondurable Goods* | *14,522* | *14,541* | *19* | *0.13%* |
| 424100 | Paper and Paper Product Merchant Wholesalers | 1,177 | 1,202 | 25 | 2.12% |
| 424200 | Drugs and Druggists' Sundries Merchant Wholesalers | 605 | 538 | -67 | -11.07% |
| 424300 | Apparel, Piece Goods, and Notions Merchant Wholesalers | 602 | 632 | 30 | 4.98% |
| 424400 | Grocery and Related Product Wholesalers | 4,302 | 4,362 | 60 | 1.39% |
| 424500 | Farm Product Raw Material Merchant Wholesalers | 828 | 814 | -14 | -1.69% |
| 424600 | Chemical and Allied Products Merchant Wholesalers | 637 | 597 | -40 | -6.28% |
| 424700 | Petroleum and Petroleum Products Merchant Wholesalers | 1,289 | 1,263 | -26 | -2.02% |
| 424800 | Beer, Wine, and Distilled Alcoholic Beverage Merchant Wholesalers | 1,589 | 1,759 | 170 | 10.70% |
| 424900 | Miscellaneous Nondurable Goods Merchant Wholesalers | 3,493 | 3,374 | -119 | -3.41% |
| *425000* | *Wholesale Electronic Markets and Agents and Brokers* | *11,223* | *11,572* | *349* | *3.11%* |
|  |  |  |  |  |  |
| ***440000*** | ***Retail Trade*** | ***140,327*** | ***145,177*** | ***4,850*** | ***3.46%*** |
| *441000* | *Motor Vehicle and Parts Dealers* | *19,336* | *20,209* | *873* | *4.51%* |
| 441100 | Automobile Dealers | 11,918 | 12,421 | 503 | 4.22% |
| 441200 | Other Motor Vehicle Dealers | 1,577 | 1,801 | 224 | 14.20% |
| 441300 | Automotive Parts, Accessories, and Tire Stores | 5,841 | 5,987 | 146 | 2.50% |
| *442000* | *Furniture and Home Furnishings Stores* | *3,620* | *3,898* | *278* | *7.68%* |
| 442100 | Furniture Stores | 2,057 | 2,254 | 197 | 9.58% |
| 442200 | Home Furnishings Stores | 1,563 | 1,644 | 81 | 5.18% |
| *443000* | *Electronics and Appliance Stores* | *3,836* | *3,833* | *-3* | *-0.08%* |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
| *444000* | *Building Material and Garden Equipment and Supplies Dealers* | *11,176* | *11,776* | *600* | *5.37%* |
| 444100 | Building Material and Supplies Dealers | 9,240 | 9,711 | 471 | 5.10% |
| 444200 | Lawn and Garden Equipment and Supplies Stores | 1,936 | 2,065 | 129 | 6.66% |
| *445000* | *Food and Beverage Stores* | *19,694* | *20,365* | *671* | *3.41%* |
| 445100 | Grocery Stores | 16,978 | 17,464 | 486 | 2.86% |
| 445200 | Specialty Food Stores | 961 | 1,033 | 72 | 7.49% |
| 445300 | Beer, Wine, and Liquor Stores | 1,755 | 1,868 | 113 | 6.44% |
| *446000* | *Health and Personal Care Stores* | *8,431* | *8,848* | *417* | *4.95%* |
| *447000* | *Gasoline Stations* | *12,205* | *12,696* | *491* | *4.02%* |
| *448000* | *Clothing and Clothing Accessories Stores* | *8,840* | *8,903* | *63* | *0.71%* |
| 448100 | Clothing Stores | 6,867 | 6,943 | 76 | 1.11% |
| 448200 | Shoe Stores | 1,244 | 1,253 | 9 | 0.72% |
| 448300 | Jewelry, Luggage, and Leather Goods Stores | 729 | 707 | -22 | -3.02% |
| *451000* | *Sporting Goods, Hobby, Book, and Music Stores* | *4,686* | *4,805* | *119* | *2.54%* |
| 451100 | Sporting Goods, Hobby, and Musical Instrument Stores | 4,162 | 4,235 | 73 | 1.75% |
| 451200 | Book, Periodical, and Music Stores | 524 | 570 | 46 | 8.78% |
| *452000* | *General Merchandise Stores* | *39,337* | *40,420* | *1,083* | *2.75%* |
| *453000* | *Miscellaneous Store Retailers* | *7,252* | *7,529* | *277* | *3.82%* |
| 453100 | Florists | 722 | 712 | -10 | -1.39% |
| 453200 | Office Supplies, Stationery, and Gift Stores | 1,828 | 1,679 | -149 | -8.15% |
| 453300 | Used Merchandise Stores | 1,994 | 2,211 | 217 | 10.88% |
| 453900 | Other Miscellaneous Store Retailers | 2,708 | 2,927 | 219 | 8.09% |
| *454000* | *Nonstore Retailers* | *1,914* | *1,895* | *-19* | *-0.99%* |
| 454100 | Electronic Shopping and Mail Order Houses | 757 | 744 | -13 | -1.72% |
| 454200 | Vending Machine Operators | 446 | 462 | 16 | 3.59% |
| 454300 | Direct Selling Establishments | 711 | 689 | -22 | -3.09% |
|  |  |  |  |  |  |
| ***480000*** | ***Transportation and Warehousing*** | ***55,332*** | ***56,800*** | ***1,468*** | ***2.65%*** |
| *481000* | *Air Transportation* | *645* | *658* | *13* | *2.02%* |
| 481100 | Scheduled Air Transportation | 562 | 558 | -4 | -0.71% |
| 481200 | Nonscheduled Air Transportation | 83 | 100 | 17 | 20.48% |
| *483000* | *Water Transportation* | *18* | *20* | *2* | *11.11%* |
| *484000* | *Truck Transportation* | *32,423* | *32,726* | *303* | *0.93%* |
| 484100 | General Freight Trucking | 26,208 | 26,689 | 481 | 1.84% |
| 484200 | Specialized Freight Trucking | 6,215 | 6,037 | -178 | -2.86% |
|  |  |  |  |  |  |
| *485000* | *Transit and Ground Passenger Transportation* | *1,975* | *2,052* | *77* | *3.90%* |
| 485300 | Taxi and Limousine Service | 413 | 424 | 11 | 2.66% |
| 485400 | School and Employee Bus Transportation | 473 | 489 | 16 | 3.38% |
| 485900 | Other Transit and Ground Passenger Transportation | 723 | 759 | 36 | 4.98% |
|  | Other | 366 | 380 | 14 | 3.83% |
| *486000* | *Pipeline Transportation* | *474* | *441* | *-33* | *-6.96%* |
| *488000* | *Support Activities for Transportation* | *5,035* | *5,056* | *21* | *0.42%* |
| 488100 | Support Activities for Air Transportation | 968 | 845 | -123 | -12.71% |
| 488200 | Support Activities for Rail Transportation | 640 | 630 | -10 | -1.56% |
| 488300 | Support Activities for Water Transportation | 682 | 712 | 30 | 4.40% |
| 488400 | Support Activities for Road Transportation | 822 | 904 | 82 | 9.98% |
| 488500 | Freight Transportation Arrangement | 1,833 | 1,871 | 38 | 2.07% |
| 488900 | Other Support Activities for Transportation | 90 | 94 | 4 | 4.44% |
| *493000* | *Warehousing and Storage* | *8,097* | *8,969* | *872* | *10.77%* |
|  | *OTHER* | *6,665* | *6,878* | *213* | *3.20%* |
|  |  |  |  |  |  |
| ***220000*** | ***Utilities*** | ***7,771*** | ***7,611*** | ***-160*** | ***-2.06%*** |
| 221100 | Electric Power Generation, Transmission and Distribution | 5,598 | 5,496 | -102 | -1.82% |
| 221200 | Natural Gas Distribution | 1,205 | 1,137 | -68 | -5.64% |
| 221300 | Water, Sewage and Other Systems | 968 | 978 | 10 | 1.03% |
|  |  |  |  |  |  |
| **102200** | **INFORMATION** | **13,630** | **13,386** | **-244** | **-1.79%** |
|  |  |  |  |  |  |
| *511000* | *Publishing Industries (except Internet)* | *3,556* | *3,297* | *-259* | *-7.28%* |
| 511100 | Newspaper, Periodical, Book, and Directory Publishers | 3,195 | 2,905 | -290 | -9.08% |
| 511200 | Software Publishers | 361 | 392 | 31 | 8.59% |
| *512000* | *Motion Picture and Sound Recording Industries* | *1,050* | *1,075* | *25* | *2.38%* |
| 512100 | Motion Picture and Video Industries | 1,024 | 1,050 | 26 | 2.54% |
| 512200 | Sound Recording Industries | 26 | 25 | -1 | -3.85% |
| *515000* | *Broadcasting (except Internet)* | *1,597* | *1,583* | *-14* | *-0.88%* |
| 515100 | Radio and Television Broadcasting | 1,571 | 1,561 | -10 | -0.64% |
| 515200 | Cable and Other Subscription Programming | 26 | 22 | -4 | -15.38% |
| *517000* | *Telecommunications* | *5,767* | *5,688* | *-79* | *-1.37%* |
| 517100 | Wired Telecommunications Carriers | 3,777 | 3,663 | -114 | -3.02% |
| 517200 | Wireless Telecommunications Carriers (except Satellite) | 1,710 | 1,777 | 67 | 3.92% |
| 517900 | Other Telecommunications | 280 | 248 | -32 | -11.43% |
| *518000* | *Data Processing, Hosting and Related Services* | *1,314* | *1,378* | *64* | *4.87%* |
| *519000* | *Other Information Services* | *346* | *365* | *19* | *5.49%* |
|  |  |  |  |  |  |
| **102300** | **FINANCIAL ACTIVITIES** | **50,979** | **52,727** | **1,748** | **3.43%** |
|  |  |  |  |  |  |
| ***520000*** | ***Finance and Insurance*** | ***37,934*** | ***39,214*** | ***1,280*** | ***3.37%*** |
| *522000* | *Credit Intermediation and Related Activities* | *19,023* | *19,588* | *565* | *2.97%* |
| 522100 | Depository Credit Intermediation | 16,115 | 16,517 | 402 | 2.49% |
| 522200 | Nondepository Credit Intermediation | 1,805 | 1,875 | 70 | 3.88% |
| 522300 | Activities Related to Credit Intermediation | 1,103 | 1,196 | 93 | 8.43% |
| *523000* | *Securities, Commodity Contracts, and Other Financial Investments and Related Activities* | *3,116* | *3,121* | *5* | *0.16%* |
| 523100 | Securities and Commodity Contracts Intermediation and Brokerage | 2,184 | 2,164 | -20 | -0.92% |
| 523900 | Other Financial Investment Activities | 932 | 957 | 25 | 2.68% |
| *524000* | *Insurance Carriers and Related Activities* | *15,682* | *16,385* | *703* | *4.48%* |
| 524100 | Insurance Carriers | 7,466 | 7,960 | 494 | 6.62% |
| 524200 | Agencies, Brokerages, and Other Insurance Related Activities | 8,216 | 8,425 | 209 | 2.54% |
|  | *OTHER* | *113* | *120* | *7* | *6.19%* |
|  |  |  |  |  |  |
| ***530000*** | ***Real Estate and Rental and Leasing*** | ***13,045*** | ***13,513*** | ***468*** | ***3.59%*** |
| *531000* | *Real Estate* | *8,929* | *9,299* | *370* | *4.14%* |
| 531100 | Lessors of Real Estate | 4,059 | 4,152 | 93 | 2.29% |
| 531200 | Offices of Real Estate Agents and Brokers | 1,725 | 1,840 | 115 | 6.67% |
| 531300 | Activities Related to Real Estate | 3,145 | 3,307 | 162 | 5.15% |
| *532000* | *Rental and Leasing Services* | *4,062* | *4,169* | *107* | *2.63%* |
| 532100 | Automotive Equipment Rental and Leasing | 945 | 994 | 49 | 5.19% |
| 532200 | Consumer Goods Rental | 1,959 | 2,094 | 135 | 6.89% |
| 532300 | General Rental Centers | 227 | 237 | 10 | 4.41% |
| 532400 | Commercial and Industrial Machinery and Equipment Rental and Leasing | 931 | 844 | -87 | -9.34% |
| *533000* | *Lessors of Nonfinancial Intangible Assets (except Copyrighted Works)* | *54* | *45* | *-9* | *-16.67%* |
|  |  |  |  |  |  |
| **102400** | **PROFESSIONAL AND BUSINESS SERVICES** | **139,887** | **146,516** | **6,629** | **4.74%** |
|  |  |  |  |  |  |
| ***540000*** | ***Professional, Scientific, and Technical Services*** | ***42,948*** | ***45,012*** | ***2,064*** | ***4.81%*** |
| 541100 | Legal Services | 5,940 | 6,053 | 113 | 1.90% |
| 541200 | Accounting, Tax Preparation, Bookkeeping, and Payroll Services | 6,368 | 6,705 | 337 | 5.29% |
| 541300 | Architectural, Engineering, and Related Services | 6,000 | 6,438 | 438 | 7.30% |
| 541400 | Specialized Design Services | 404 | 316 | -88 | -21.78% |
| 541500 | Computer Systems Design and Related Services | 10,215 | 10,838 | 623 | 6.10% |
| 541600 | Management, Scientific, and Technical Consulting Services | 5,871 | 6,104 | 233 | 3.97% |
| 541700 | Scientific Research and Development Services | 855 | 870 | 15 | 1.75% |
| 541800 | Advertising, Public Relations, and Related Services | 3,560 | 3,753 | 193 | 5.42% |
| 541900 | Other Professional, Scientific, and Technical Services | 3,735 | 3,935 | 200 | 5.35% |
|  |  |  |  |  |  |
| ***550000*** | ***Management of Companies and Enterprises*** | ***34,355*** | ***36,616*** | ***2,261*** | ***6.58%*** |
|  |  |  |  |  |  |
| ***560000*** | ***Administrative and Support and Waste Management and Remediation Services*** | ***62,584*** | ***64,888*** | ***2,304*** | ***3.68%*** |
| *561000* | *Administrative and Support Services* | *59,628* | *61,767* | *2,139* | *3.59%* |
| 561100 | Office Administrative Services | 3,919 | 4,080 | 161 | 4.11% |
| 561200 | Facilities Support Services | 1,047 | 1,078 | 31 | 2.96% |
| 561300 | Employment Services | 26,708 | 28,097 | 1,389 | 5.20% |
| 561400 | Business Support Services | 8,181 | 8,067 | -114 | -1.39% |
| 561500 | Travel Arrangement and Reservation Services | 369 | 376 | 7 | 1.90% |
| 561600 | Investigation and Security Services | 4,633 | 4,733 | 100 | 2.16% |
| 561700 | Services to Buildings and Dwellings | 13,442 | 14,004 | 562 | 4.18% |
| 561900 | Other Support Services | 1,329 | 1,332 | 3 | 0.23% |
| *562000* | *Waste Management and Remediation Services* | *2,956* | *3,121* | *165* | *5.58%* |
| 562100 | Waste Collection | 1,144 | 1,182 | 38 | 3.32% |
| 562200 | Waste Treatment and Disposal | 825 | 927 | 102 | 12.36% |
| 562900 | Remediation and Other Waste Management Services | 987 | 1,012 | 25 | 2.53% |
|  |  |  |  |  |  |
| **102500** | **EDUCATION AND HEALTH SERVICES** | **293,242** | **302,879** | **9,637** | **3.29%** |
|  |  |  |  |  |  |
| ***610000*** | ***Educational Services*** | ***115,077*** | ***118,434*** | ***3,357*** | ***2.92%*** |
| 611100 | Elementary and Secondary Schools | 77,887 | 80,238 | 2,351 | 3.02% |
| 611200 | Junior Colleges | 7,290 | 7,287 | -3 | -0.04% |
| 611300 | Colleges, Universities, and Professional Schools | 26,314 | 27,105 | 791 | 3.01% |
| 611400 | Business Schools and Computer and Management Training | 123 | 121 | -2 | -1.63% |
| 611500 | Technical and Trade Schools | 1,155 | 1,178 | 23 | 1.99% |
| 611600 | Other Schools and Instruction | 1,671 | 1,822 | 151 | 9.04% |
| 611700 | Educational Support Services | 637 | 683 | 46 | 7.22% |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
| ***620000*** | ***Health Care and Social Assistance*** | ***178,165*** | ***184,445*** | ***6,280*** | ***3.52%*** |
| *621000* | *Ambulatory Health Care Services* | *52,545* | *55,526* | *2,981* | *5.67%* |
| 621100 | Offices of Physicians | 23,820 | 25,138 | 1,318 | 5.53% |
| 621200 | Offices of Dentists | 7,086 | 7,360 | 274 | 3.87% |
| 621300 | Offices of Other Health Practitioners | 8,063 | 8,583 | 520 | 6.45% |
| 621400 | Outpatient Care Centers | 4,797 | 5,178 | 381 | 7.94% |
| 621500 | Medical and Diagnostic Laboratories | 1,116 | 1,174 | 58 | 5.20% |
| 621600 | Home Health Care Services | 5,011 | 5,235 | 224 | 4.47% |
| 621900 | Other Ambulatory Health Care Services | 2,652 | 2,858 | 206 | 7.77% |
| *622000* | *Hospitals* | *55,033* | *56,046* | *1,013* | *1.84%* |
| 622100 | General Medical and Surgical Hospitals | 49,923 | 50,763 | 840 | 1.68% |
| 622200 | Psychiatric and Substance Abuse Hospitals | 2,787 | 2,752 | -35 | -1.26% |
| 622300 | Specialty (except Psychiatric and Substance Abuse) Hospitals | 2,323 | 2,531 | 208 | 8.95% |
| *623000* | *Nursing and Residential Care Facilities* | *31,283* | *31,939* | *656* | *2.10%* |
| 623100 | Nursing Care Facilities (Skilled Nursing Facilities) | 21,995 | 22,253 | 258 | 1.17% |
| 623200 | Residential Intellectual & Developmental Disability, Mental Health, & Substance Abuse Facilities | 4,381 | 4,631 | 250 | 5.71% |
| 623300 | Continuing Care Retirement Communities and Assisted Living Facilities for the Elderly | 3,820 | 4,060 | 240 | 6.28% |
| 623900 | Other Residential Care Facilities | 1,087 | 995 | -92 | -8.46% |
| *624000* | *Social Assistance* | *39,304* | *40,934* | *1,630* | *4.15%* |
| 624100 | Individual and Family Services | 24,642 | 25,896 | 1,254 | 5.09% |
| 624200 | Community Food and Housing, and Emergency and Other Relief Services | 1,312 | 1,347 | 35 | 2.67% |
| 624300 | Vocational Rehabilitation Services | 3,231 | 3,311 | 80 | 2.48% |
| 624400 | Child Day Care Services | 10,119 | 10,380 | 261 | 2.58% |
|  |  |  |  |  |  |
| **102600** | **LEISURE AND HOSPITALITY** | **111,140** | **116,667** | **5,527** | **4.97%** |
|  |  |  |  |  |  |
| ***710000*** | ***Arts, Entertainment, and Recreation*** | ***9,871*** | ***10,420*** | ***549*** | ***5.56%*** |
| *711000* | *Performing Arts, Spectator Sports, and Related Industries* | *2,832* | *3,002* | *170* | *6.00%* |
| 711100 | Performing Arts Companies | 335 | 301 | -34 | -10.15% |
| 711200 | Spectator Sports | 1,760 | 1,894 | 134 | 7.61% |
| 711300 | Promoters of Performing Arts, Sports, and Similar Events | 658 | 724 | 66 | 10.03% |
| 711400 | Agents and Managers for Artists, Athletes, Entertainers, and Other Public Figures | 28 | 28 | 0 | 0.00% |
| 711500 | Independent Artists, Writers, and Performers | 51 | 55 | 4 | 7.84% |
| *712000* | *Museums, Historical Sites, and Similar Institutions* | *610* | *692* | *82* | *13.44%* |
|  |  |  |  |  |  |
| *713000* | *Amusement, Gambling, and Recreation Industries* | *6,429* | *6,726* | *297* | *4.62%* |
| 713100 | Amusement Parks and Arcades | 308 | 304 | -4 | -1.30% |
| 713900 | Other Amusement and Recreation Industries | 6,121 | 6,422 | 301 | 4.92% |
|  |  |  |  |  |  |
| ***720000*** | ***Accommodation and Food Services*** | ***101,269*** | ***106,247*** | ***4,978*** | ***4.92%*** |
| *721000* | *Accommodation, including Hotels and Motels* | *10,452* | *10,661* | *209* | *2.00%* |
| 721100 | Traveler Accommodation | 9,957 | 10,145 | 188 | 1.89% |
| 721200 | RV (Recreational Vehicle) Parks and Recreational Camps | 369 | 371 | 2 | 0.54% |
| 721300 | Rooming and Boarding Houses | 126 | 145 | 19 | 15.08% |
| *722000* | *Food Services and Drinking Places* | *90,817* | *95,586* | *4,769* | *5.25%* |
| 722300 | Special Food Services | 3,883 | 4,243 | 360 | 9.27% |
| 722400 | Drinking Places (Alcoholic Beverages) | 1,084 | 1,133 | 49 | 4.52% |
| 722500 | Restaurants and Other Eating Places | 85,850 | 90,210 | 4,360 | 5.08% |
|  |  |  |  |  |  |
| **102700** | **OTHER SERVICES (EXCEPT GOVERNMENT)** | **48,849** | **50,738** | **1,889** | **3.87%** |
|  |  |  |  |  |  |
| *811000* | *Repair and Maintenance* | *10,043* | *10,598* | *555* | *5.53%* |
| 811100 | Automotive Repair and Maintenance | 6,312 | 6,691 | 379 | 6.00% |
| 811200 | Electronic and Precision Equipment Repair and Maintenance | 896 | 993 | 97 | 10.83% |
| 811300 | Commercial and Industrial Machinery and Equipment (except Automotive and Electronic) Repair and Maintenance | 2,255 | 2,329 | 74 | 3.28% |
| 811400 | Personal and Household Goods Repair and Maintenance | 580 | 585 | 5 | 0.86% |
| *812000* | *Personal and Laundry Services* | *7,851* | *8,014* | *163* | *2.08%* |
| 812100 | Personal Care Services | 2,981 | 3,114 | 133 | 4.46% |
| 812200 | Death Care Services | 1,623 | 1,663 | 40 | 2.46% |
| 812300 | Drycleaning and Laundry Services | 2,418 | 2,311 | -107 | -4.43% |
| 812900 | Other Personal Services | 829 | 926 | 97 | 11.70% |
| *813000* | *Religious, Grantmaking, Civic, Professional, and Similar Organizations* | *28,800* | *30,094* | *1,294* | *4.49%* |
| 813100 | Religious Organizations | 19,565 | 20,771 | 1,206 | 6.16% |
| 813200 | Grantmaking and Giving Services | 863 | 953 | 90 | 10.43% |
| 813300 | Social Advocacy Organizations | 2,356 | 2,462 | 106 | 4.50% |
| 813400 | Civic and Social Organizations | 1,141 | 1,142 | 1 | 0.09% |
| 813900 | Business, Professional, Labor, Political, and Similar Organizations | 4,875 | 4,766 | -109 | -2.24% |
| *814000* | *Private Households* | *2,155* | *2,032* | *-123* | *-5.71%* |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
| **102800** | **GOVERNMENT** | **96,787** | **97,998** | **1,211** | **1.25%** |
|  |  |  |  |  |  |
| *910000* | *Total Federal Government Employment* | *20,547* | *20,496* | *-51* | *-0.25%* |
| 491100 | Postal Service | 5,490 | 5,596 | 106 | 1.93% |
| 999100 | Federal Government, Excluding Post Office | 15,057 | 14,900 | -157 | -1.04% |
| 999200 | State Government, Excluding Education and Hospitals | 36,216 | 36,773 | 557 | 1.54% |
| 999300 | Local Government, Excluding Education and Hospitals | 40,024 | 40,729 | 705 | 1.76% |

EXPLANATION OF OCCUPATIONAL PROJECTIONS DATA

ARKANSAS-STATEWIDE

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **SOC Code** | **SOC Title** | **2016 Estimated Employment** | **2018 Projected Employment** | **Net Growth** | **Percent Growth** | **Annual Openings- Growth** | **Annual Openings- Replacement** | **Total Annual Openings** | **Education/ Training Codes** |
| The occupational code based on the Standard Occupational Classification (SOC) Coding and Title Structure | The occupational title based on the Standard Occupational Classification (SOC) Coding and Title Structure | An estimate of the number of jobs in an occupation in 2016 | The projected number of jobs expected to be in an occupation in 2018 | Total number of jobs an occupation is expected to gain or lose over the 2016 to 2018 period | Percent change in the number of jobs in an occupation over the 2016 to 2018 period | Average number  of annual job openings expected to be created during the projection period due to employment growth | Average number of annual job  openings expected to be created  during the projection period due to the need to replace workers who leave the occupation | Average number of annual job  openings expected to be created  during the projection period due to employment growth and replacements | Level of training needed by most workers to become fully qualified in the occupation according to the Bureau of Labor Statistics. See page 85 for definitions. |

2016-2018

2016-2018 Arkansas Statewide Occupational Projections by Major Group

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Standard Occupational Classification (SOC)** | | **Employment** | | **Change** | | **Annual Openings** | | |
| **Code** | **Title** | **Estimated 2016** | **Projected 2018** | **Net** | **Percent** | **Growth** | **Replacements** | **Total** |
| **00-0000** | **Total, All Occupations** | **1,366,577** | **1,408,327** | **41,750** | **3.06%** | **21,696** | **31,902** | **53,598** |
| 11-0000 | Management Occupations | 132,670 | 136,551 | 3,881 | 2.93% | 1,940 | 2,560 | 4,500 |
| 13-0000 | Business and Financial Operations Occupations | 52,442 | 54,480 | 2,038 | 3.89% | 1,022 | 993 | 2,015 |
| 15-0000 | Computer and Mathematical Occupations | 24,483 | 25,604 | 1,121 | 4.58% | 560 | 330 | 890 |
| 17-0000 | Architecture and Engineering Occupations | 11,804 | 12,116 | 312 | 2.64% | 162 | 282 | 444 |
| 19-0000 | Life, Physical, and Social Science Occupations | 7,897 | 8,080 | 183 | 2.32% | 96 | 221 | 317 |
| 21-0000 | Community and Social Service Occupations | 23,125 | 24,164 | 1,039 | 4.49% | 520 | 475 | 995 |
| 23-0000 | Legal Occupations | 8,002 | 8,224 | 222 | 2.77% | 111 | 126 | 237 |
| 25-0000 | Education, Training, and Library Occupations | 77,252 | 79,793 | 2,541 | 3.29% | 1,271 | 1,621 | 2,892 |
| 27-0000 | Arts, Design, Entertainment, Sports, and Media Occupations | 16,065 | 16,444 | 379 | 2.36% | 235 | 390 | 625 |
| 29-0000 | Healthcare Practitioners and Technical Occupations | 77,976 | 80,781 | 2,805 | 3.60% | 1,410 | 1,629 | 3,039 |
| 31-0000 | Healthcare Support Occupations | 38,051 | 39,393 | 1,342 | 3.53% | 672 | 802 | 1,474 |
| 33-0000 | Protective Service Occupations | 25,899 | 26,419 | 520 | 2.01% | 262 | 640 | 902 |
| 35-0000 | Food Preparation and Serving Related Occupations | 103,352 | 108,212 | 4,860 | 4.70% | 2,430 | 4,087 | 6,517 |
| 37-0000 | Building and Grounds Cleaning and Maintenance Occupations | 43,109 | 44,445 | 1,336 | 3.10% | 668 | 810 | 1,478 |
| 39-0000 | Personal Care and Service Occupations | 47,444 | 49,307 | 1,863 | 3.93% | 936 | 954 | 1,890 |
| 41-0000 | Sales and Related Occupations | 138,191 | 142,558 | 4,367 | 3.16% | 2,210 | 4,568 | 6,778 |
| 43-0000 | Office and Administrative Support Occupations | 187,489 | 191,794 | 4,305 | 2.30% | 2,196 | 3,864 | 6,060 |
| 45-0000 | Farming, Fishing, and Forestry Occupations | 16,347 | 16,811 | 464 | 2.84% | 239 | 412 | 651 |
| 47-0000 | Construction and Extraction Occupations | 54,281 | 56,707 | 2,426 | 4.47% | 1,382 | 863 | 2,245 |
| 49-0000 | Installation, Maintenance, and Repair Occupations | 54,804 | 56,531 | 1,727 | 3.15% | 884 | 1,234 | 2,118 |
| 51-0000 | Production Occupations | 116,090 | 116,957 | 867 | 0.75% | 886 | 2,550 | 3,436 |
| 53-0000 | Transportation and Material Moving Occupations | 109,804 | 112,956 | 3,152 | 2.87% | 1,604 | 2,492 | 4,096 |

**Occupational Outlook**

The Arkansas labor market is expected to see a growth of 41,750 jobs over the 2016-2018 projection period, an increase of 3.06 percent, with many job opportunities for recent graduates and other job seekers. Of the 53,598 total annual job openings expected during the projection period, 21,696 jobs are estimated to come from growth and expansion of businesses. The other 31,902 jobs are expected to be available due to the need to replace workers who leave their jobs for various reasons. All major occupational groups are estimated to see net gains in employment.

**Management Occupations**

The **Management Occupations** major group is projected to gain 3,881 jobs between 2016 and 2018, an increase of 2.93 percent. During the projection period, 4,500 job openings are expected to be available annually, of which 2,560 jobs are estimated to be for replacement and 1,940 for growth and expansion. *Other Management Occupations* is predicted to add 2,489 new jobs and account for 63.8 percent of the total annual openings among **Management Occupations**. Farmers, Ranchers, and Other Agricultural Managerscould account for more than one-third of the new jobs in the major groupmaking it the top growing occupation in the major group and third in the state on the Top 20 Growing Occupations list. *Top Executives* is predicted to add 777 to its workforce, while *Operations Specialties Managers* could experience a net gain of 416 jobs. General and Operations Managers is predicted to add an additional 705 jobs.

**Business and Financial Operations**

The **Business and Financial Operations Occupations** major group is estimated to gain 2,038 new jobs by the first quarter of 2018, an increase of 3.89 percent. Around 2,015 job openings are projected to be available each year of the projection period. The major group is one of four where growth openings could lead replacement openings with 1,022 for growth and expansion and 993 jobs for replacement. *Business Operations Specialists* is projected to gain the most jobs with 1,421 on the horizon, accounting for nearly 70 percent of the job growth in this major group, while *Financial Specialists* is predicted to gain an additional 617. Several occupations are predicted to gain over 150 new jobs during the projection period with Accountants and Auditors expected to add 324 new jobs and have 342 annual job openings.

**Computer and Mathematical**

The **Computer and Mathematical Occupations** major group is projected to add 1,121 new jobs and have 890 annual job openings. It is projected to have more growth openings than replacement openings with 560 for growth and expansion and 330 for replacement.At 4.58 percent, **Computer and Mathematical Occupations** is expected to be the second fastest growing major group in the state. The majority of this major group’s growth is likely to be in *Computer Occupations* with a gain of 1,094 new jobs and 869 annual openings. Five occupations in this group are estimated to grow by at least 100 jobs with Computer Systems Analysts leading with 203 new jobs. Web Developers could be the fastest growing occupation in the major group with an increase of 7.43 percent. The *Mathematical Science Occupations* occupational family is expected to add 27 new jobs to the labor market.

**Architecture and Engineering**

The **Architecture and Engineering Occupations** major group is expected to experience a growth of 312 jobs, a 2.64 percent increase between 2016 and 2018. The major group is expected to have 444 annual job openings, of which 282 would be for replacement. A little more than half of the growth is expected to occur in the *Engineers* occupational family with 157 new jobs, a 2.28 percent increase. Civil Engineers is predicted to lead occupations in this major group with 59 new jobs. Cartographers and Photogrammetrists makes the Top 20 Fastest Growing Occupations list with an 8.47 percent growth.

**Life, Physical, and Social Science**

**Life, Physical, and Social Science Occupations** is projected to have 183 new jobs during the projection period, the smallest growth in the state. *Life, Physical, and Social Science Technicians* is estimated to add 85 to its workforce, while *Social Scientists and Related Workers* is forecast to have 53 new jobs. Clinical, Counseling, and School Psychologists are set to add the most in this major group with 37 new jobs anticipated between 2016 and 2018. In all, six occupations are expected to gain at least 10 new jobs. Forensic Science Technicians are estimated to increase over the 2016-2018 projection period by 6.04 percent

**Community and Social Service**

The **Community and Social Service Occupations** major group is expected to gain 1,039 jobs by the first quarter of 2018. Around 995 annual job openings are projected to be available with 520 for growth and expansion and 475 for replacement. *Religious Workers* is forecast to gain 573 new jobs with Clergy claiming 501. *Counselors, Social Workers, and Other Community and Social Service Specialists* is predicted to add an additional 466 jobs. Social and Human Service Assistants is predicted to add 144 jobs, while seven other occupations in this occupational group are predicted to add at least 20.

**Legal**

The **Legal Occupations** major group is projected to gain 222 jobs during the projection period. This occupational group is expected to have the fewest annual openings with 237 anticipated with 111 for growth and expansion and 126 for replacement. The majority of the growth is likely to come in *Lawyers, Judges, and Related Workers* with an anticipated growth of 143 jobs with 133 coming among Lawyers. *Legal Support Workers* is estimated to add 79 new jobs with Paralegals and Legal Assistants adding 56 of those.

**Education, Training, and Library**

The **Education, Training, and Library Occupations** major group is forecast to add 2,541 jobs and have 2,892 annual openings each year of the projection period. *Preschool, Primary, Secondary, and Special Education School Teachers* is set to add 1,249 jobs to the Arkansas workforce and have 1,502 annual openings. Elementary School Teachers, Except Special Education leads all occupations in the major group with 404 new jobs. Museum Technicians and Conservators is estimated to increase by 10.34 percent and be among the 10 fastest growing occupations in the state. In all, four occupations are expected to add over 200 new jobs between 2016 and 2018.

**Arts, Design, Entertainment, Sports, and Media**

The **Arts, Design, Entertainment, Sports, and Media Occupations** major group is expected to add 379 jobs between 2016 and 2018. Around 625 jobs are projected to be available each year during the projection period. The *Entertainers and Performers, Sports and Related Workers* family could add the most jobs with 278 on the horizon. Music Directors and Composers could lead the major group in net change with 92 new jobs. Coaches and Scouts is estimated to increase by 66. On the negative side of the labor market, Editors could lose 25 jobs, or just over 4 percent of its workforce, while Reporters and Correspondents could see a cut of 4.87 percent to its own workforce.   
  
**Healthcare Practitioners and Technical**

The **Healthcare Practitioners and Technical Occupations** major group is projected to add 2,805 jobs between 2016 and 2018. It is expected to have 3,039 job openings each year, 1,629 of which would be for replacement. *Health Diagnosing and Treating Practitioners* is expected to have the most new jobs with 1,740 on the horizon. Registered Nurses is estimated to add 737 and have 876 annual openings, placing it among the Top Ten on both the Top 20 Annual Openings list as well as the Top 20 Growing Occupations list. At 7.91 percent, Physician Assistants make the Top 20 Fastest Growing Occupations list. *Health Technologists and Technicians* is projectedto increase by an additional 1,028 jobs with Licensed Practical and Licensed Vocational Nurses adding 284. Veterinary Technologists and Technicians could increase by 6.51 percent.

**Healthcare Support Occupations**

**Healthcare Support Occupations** is expected to increase employment by 3.53 percent, equivalent to 1,342 new jobs and 1,474 annual job openings between 2016 and 2018. The occupational family *Nursing, Psychiatric, and Home Health Aides* is estimated to gain the most new jobs with 792 on the horizon. Nursing Assistants is estimated to lead the major group in net change with a growth of 484. *Other Healthcare Support Occupations* could add 444 new jobs to its workforce. Medical Assistants leads this occupational family with 173 new jobs, anticipated. Occupational Therapy Assistants is forecast to be the fastest growing occupation in the Healthcare Support Occupations major group with a 7.58 percent growth.

**Protective Service**

The **Protective Service Occupations** major group is expected to add 520 new jobs to the Arkansas job market. This major group is predicted to have 902 annual job openings with about 640 for replacement. *Law Enforcement Workers* is forecast to add 207 new jobs with Police and Sheriff's Patrol Officers adding 114 and Correctional Officers and Jailers adding 85. *Other Protective Service Workers* is estimated to see a growth of 202 new jobs with Security Guards adding 155.

**Food Preparation and Serving Related**

**Food Preparation and Serving Related Occupations** is expected to increase employment over the next two years adding 4,860 jobs to the Arkansas labor market, an increase of 4.70 percent making it the top and fastest growing occupational major group in the state. It is projected to have 6,517 annual job openings with 4,087 of those for replacement. *Food and Beverage Serving Workers* is projected to have 2,751 new jobs and 3,716 annual job openings during the projection period. Combined Food Preparation and Serving Workers, Including Fast Food is estimated to be the top growing occupation in the state with 1,661 new jobs. Waiters and Waitresses is expected to add 833 to its workforce. In all, four occupations in this major group are in the Top 20 Growing Occupations list.

**Building and Grounds Cleaning and Maintenance**

The **Building and Grounds Cleaning and Maintenance Occupations** major group is projected to add 1,336 jobs by the first quarter of 2018 as well as having 1,478 annual openings. *Building Cleaning and Pest Control Workers* is predicted to see 885 new jobs, 66.2 percent of this major group’s job growth. Janitors and Cleaners, Except Maids and Housekeeping Cleaners is estimated to gain 681 of those jobs, placing the occupation in the Top 20 Growing Occupations list. *Grounds Maintenance Workers* is also forecast to see strong growth with a gain of 317 jobs. Landscaping and Groundskeeping Workers will likely claim the majority of those jobs with 283 on the horizon.

**Personal Care and Service**

The **Personal Care and Service Occupations** major group is projected to increase employment by 1,863, an increase of 3.93 percent. Around 1,890 annual openings are forecast for this major group with 954 for replacement and 936 for growth and expansion. The *Other Personal Care and Service Workers* occupational family could account for 74.4 percent of the new jobs in this major group with 1,386 expected. Personal Care Aides could add 865 new jobs to its workforce placing it sixth in net growth, while Childcare Workers is predicted to add 366 to its workforce.

**Sales and Related**

**Sales and Related Occupations** is expected to be the second highest growing major group with an anticipated gain of 4,367 new jobs by March 2018 and have 6,778 annual openings during the projection period, the most among the major groups. Of these, 4,568 are estimated to be for replacement, while 2,210 would be for growth and expansion. The *Retail Sales Workers* occupational family is predicted to add 2,894 to the Arkansas job market. Retail Salespersons is predicted to add the majority of those jobs with a forecasted growth of 1,535, while Cashiers is estimated to gain an additional 1,139 jobs, placing the occupations second and fourth, respectively, among the Top 10 growing occupations. The occupations are slated to be the Top two in the number of annual openings. *Supervisors of Sales Workers* is anticipated to add 630 jobs between 2016 and 2018.

**Office and Administrative Support**

The **Office and Administrative Support Occupations** major group is predicted to add 4,305 new jobs and have 6,060 annual openings. Of the total annual openings, 3,864 would be for replacement and 2,196 for growth and expansion. The *Information and Record Clerks* family is projected to add 1,018 new jobs*.* Customer Service Representatives is projected to add 502 jobs to the economy, while Receptionists and Information Clerks is set to have 231 new jobs. The two occupations are predicted to have more than 1,000 openings annually between them. *Secretaries and Administrative Assistants* are projected to increase by 860, while *Other Office and Administrative Support Workers* is forecast to raise employment by 807. Office Clerks, General is expected to lead all occupations in the major group with 697 new jobs and 982 annual job openings.

**Farming, Fishing, and Forestry**

The **Farming, Fishing, and Forestry Occupations** major group is projected to see an increase over the next two years with a gain of 464, a 2.84 percent increase. It is also expected to have 651 annual job openings with 412 for replacements and 239 for growth and expansion. The majority of the jobs are likely to come in the *Agricultural Workers* occupational family with a gain of 416, almost 90 percent of the total growth. Farmworkers, Farm, Ranch, and Aquacultural Animals is estimated to add the most jobs with 195 on the horizon, while Farmworkers and Laborers, Crop, Nursery, and Greenhouse is estimated to grow by 168.

**Construction and Extraction**

The **Construction and Extraction Occupations** major group is expected to experience a net gain of 2,426 jobs by March 2018. The major group is estimated to have more growth openings than those for replacements with 1,382 for growth and 863 for replacement and bringing total annual openings to 2,245. The outlook for this major group is mixed with many occupations making it on at least one of the Top 20 lists. Helpers--Painters, Paperhangers, Plasterers, and Stucco Masons is predicted to be the second fastest growing occupation in the state with a 14.98 percent growth. In all, 11 occupations in this major group are included in the Top 20 Fastest Growing occupations list. Overall, the *Construction Trades Workers* family is predicted to add 2,256 jobs accounting for almost 93 percent of the total growth in the major group. On the flip side of the economy, the *Extraction Workers* family is projected to lose 338 jobs or 18.42 percent of its workforce. A downturn in the oil and gas industry could be a contributing factor in the decline. Service Unit Operators, Oil, Gas, and Mining is forecast to be the top declining occupation in the state with a loss of 111, while Derrick Operators, Oil and Gas is projected to be the fastest declining occupation in the state with a decline of 29.49 percent. In all, four occupations in this major group are included in the Top 20 Declining Occupations list and five are included in the Top 20 Fastest Declining Occupations list.

**Installation, Maintenance, and Repair**

The **Installation, Maintenance, and Repair Occupations** major group is projected to gain 1,727 jobs over the next two years. About 2,118 job openings are forecast to be available each year during the projection period with 1,234 due to replacement. The *Other Installation, Maintenance, and Repair Occupations* family is predicted to see the most growth with an increase of 973 jobs. Maintenance and Repair Workers, General is projected to add 403 new jobs to its workforce, while Industrial Machinery Mechanics is predicted to add 229 jobs. The *Vehicle and Mobile Equipment Mechanics, Installers, and Repairers* family is expected to add an additional 555 jobs to the Arkansas labor market.

**Production Occupations**

The **Production Occupations** major group is predicted to experience a net gain of 867 jobs during the projection period. Its 0.75 percent increase is the slowest among occupational major groups. Of the 3,436 annual job openings, 2,550 job openings are estimated to be for replacement and 886 for growth and expansion. The outlook in this major group is mixed with some gains and losses. Among growing occupational families, *Food Processing Workers* is estimated to gain 659 jobs. Meat, Poultry, and Fish Cutters and Trimmers leads all occupations in net growth with a gain of 266 new jobs. While no occupations in the **Production Occupations** major group made the Top 20 Growing Occupation list, two made the Top 20 Fastest Growing Occupations list, including the top growing occupation, Pourers and Casters, Metal, which is predicted to raise employment by 15.45 percent. On the negative side of the economy, twelve occupations made the Top 20 Declining Occupations list. Cutting, Punching, and Press Machine Setters, Operators, and Tenders, Metal and Plastic is leading in decline for this major group with an anticipated loss of 89 jobs. Eleven occupations made the Top 20 Fastest Declining occupations list with Layout Workers, Metal and Plastic losing the most with a decrease of 14.63 percent of its workforce.

**Transportation and Material Moving**The **Transportation and Material Moving Occupations** major group is projected to gain 3,152 employees by the first quarter of 2018. Around 4,096 jobs are expected to be available each year of the projection period, of which 2,492 would be for replacement. *Material Moving Workers* is projected to add 1,569 new jobs with Laborers and Freight, Stock, and Material Movers, Hand predicted to gain 963 placing among the Top 5 on the Top 20 Growing Occupations list. *Motor Vehicle Operators* is expected to experience a net gain of 1,374 jobs during the projection period. Driving this growth is Heavy and Tractor-Trailer Truck Drivers, which is projected to add 714 jobs to its workforce, placing it among the Top 10 on the Top 20 Growing Occupations list. Wellhead Pumpers with a 22.84 percent decline could be among the five fastest declining occupations in the state.

##### Top 20 Growing Occupations by Net Growth

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **SOC**  **Code** | **Standard Occupational Classification (SOC) Title** | **Estimated Employment 2016** | **Projected Employment 2018** | **Net Growth** | **Percent Growth** | **Annual Openings due to Growth** | **Annual Openings due to Replacements** | **Total Annual Openings** |
| 35-3021 | Combined Food Preparation and Serving Workers, Including Fast Food | 27,172 | 28,833 | **1,661** | 6.11% | 830 | 1,058 | 1,888 |
| 41-2031 | Retail Salespersons | 39,797 | 41,332 | **1,535** | 3.86% | 768 | 1,488 | 2,256 |
| 11-9013 | Farmers, Ranchers, and Other Agricultural Managers | 59,892 | 61,357 | **1,465** | 2.45% | 732 | 992 | 1,724 |
| 41-2011 | Cashiers | 34,387 | 35,526 | **1,139** | 3.31% | 570 | 1,742 | 2,312 |
| 53-7062 | Laborers and Freight, Stock, and Material Movers, Hand | 26,678 | 27,641 | **963** | 3.61% | 482 | 824 | 1,306 |
| 39-9021 | Personal Care Aides | 17,186 | 18,051 | **865** | 5.03% | 432 | 110 | 542 |
| 35-3031 | Waiters and Waitresses | 19,107 | 19,940 | **833** | 4.36% | 416 | 998 | 1,414 |
| 29-1141 | Registered Nurses | 23,040 | 23,777 | **737** | 3.20% | 368 | 508 | 876 |
| 53-3032 | Heavy and Tractor-Trailer Truck Drivers | 35,834 | 36,548 | **714** | 1.99% | 357 | 571 | 928 |
| 11-1021 | General and Operations Managers | 20,388 | 21,093 | **705** | 3.46% | 352 | 479 | 831 |
| 43-9061 | Office Clerks, General | 30,076 | 30,773 | **697** | 2.32% | 348 | 634 | 982 |
| 37-2011 | Janitors and Cleaners, Except Maids and Housekeeping Cleaners | 19,172 | 19,853 | **681** | 3.55% | 340 | 345 | 685 |
| 43-6014 | Secretaries and Administrative Assistants, Except Legal, Medical, and Executive | 24,193 | 24,867 | **674** | 2.79% | 337 | 256 | 593 |
| 35-2014 | Cooks, Restaurant | 9,349 | 9,997 | **648** | 6.93% | 324 | 252 | 576 |
| 41-1011 | First-Line Supervisors of Retail Sales Workers | 17,472 | 18,012 | **540** | 3.09% | 270 | 397 | 667 |
| 35-1012 | First-Line Supervisors of Food Preparation and Serving Workers | 9,343 | 9,861 | **518** | 5.54% | 259 | 298 | 557 |
| 47-2061 | Construction Laborers | 9,942 | 10,459 | **517** | 5.20% | 258 | 196 | 454 |
| 43-4051 | Customer Service Representatives | 18,936 | 19,438 | **502** | 2.65% | 251 | 440 | 691 |
| 21-2011 | Clergy | 7,887 | 8,388 | **501** | 6.35% | 250 | 166 | 416 |
| 43-1011 | First-Line Supervisors of Office and Administrative Support Workers | 15,284 | 15,783 | **499** | 3.26% | 250 | 240 | 490 |

##### Top 20 Fastest Growing Occupations by Percent Growth (Minimum Employment of 50)

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **SOC Code** | **Standard Occupational Classification (SOC) Title** | **Estimated**  **Employment 2016** | **Projected**  **Employment 2018** | **Net Growth** | **Percent**  **Growth** | **Annual Openings due to Growth** | **Annual Openings due to Replacements** | **Total Annual Openings** |
| 51-4052 | Pourers and Casters, Metal | 123 | 142 | 19 | **15.45%** | 10 | 4 | 14 |
| 47-3014 | Helpers--Painters, Paperhangers, Plasterers, and Stucco Masons | 247 | 284 | 37 | **14.98%** | 18 | 4 | 22 |
| 49-3052 | Motorcycle Mechanics | 206 | 234 | 28 | **13.59%** | 14 | 4 | 18 |
| 47-2081 | Drywall and Ceiling Tile Installers | 653 | 738 | 85 | **13.02%** | 42 | 4 | 46 |
| 47-2131 | Insulation Workers, Floor, Ceiling, and Wall | 241 | 270 | 29 | **12.03%** | 14 | 8 | 22 |
| 25-4013 | Museum Technicians and Conservators | 87 | 96 | 9 | **10.34%** | 4 | 2 | 6 |
| 49-3051 | Motorboat Mechanics and Service Technicians | 199 | 219 | 20 | **10.05%** | 10 | 4 | 14 |
| 47-2132 | Insulation Workers, Mechanical | 176 | 192 | 16 | **9.09%** | 8 | 6 | 14 |
| 25-4012 | Curators | 69 | 75 | 6 | **8.70%** | 3 | 2 | 5 |
| 47-3011 | Helpers--Brickmasons, Blockmasons, Stonemasons, and Tile and Marble Setters | 290 | 315 | 25 | **8.62%** | 12 | 4 | 16 |
| 47-2141 | Painters, Construction and Maintenance | 2,082 | 2,261 | 179 | **8.60%** | 90 | 32 | 122 |
| 17-1021 | Cartographers and Photogrammetrists | 59 | 64 | 5 | **8.47%** | 2 | 2 | 4 |
| 47-3012 | Helpers--Carpenters | 378 | 409 | 31 | **8.20%** | 16 | 6 | 22 |
| 29-1071 | Physician Assistants | 417 | 450 | 33 | **7.91%** | 16 | 8 | 24 |
| 47-4021 | Elevator Installers and Repairers | 64 | 69 | 5 | **7.81%** | 2 | 1 | 3 |
| 47-3013 | Helpers--Electricians | 372 | 401 | 29 | **7.80%** | 14 | 6 | 20 |
| 51-6091 | Extruding and Forming Machine Setters, Operators, and Tenders, Synthetic and Glass Fibers | 90 | 97 | 7 | **7.78%** | 4 | 1 | 5 |
| 47-2044 | Tile and Marble Setters | 143 | 154 | 11 | **7.69%** | 6 | 2 | 8 |
| 47-2161 | Plasterers and Stucco Masons | 78 | 84 | 6 | **7.69%** | 3 | 0 | 3 |
| 51-9081 | Dental Laboratory Technicians | 442 | 476 | 34 | **7.69%** | 17 | 12 | 29 |

##### 

##### Top 20 Occupations by Total Annual Openings

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **SOC Code** | **Standard Occupational Classification (SOC) Title** | **Estimated Employment 2016** | **Projected Employment 2018** | **Net Growth** | **Percent Growth** | **Annual Openings due to Growth** | **Annual Openings due to Replacements** | **Total Annual Openings** |
| 41-2011 | Cashiers | 34,387 | 35,526 | 1,139 | 3.31% | 570 | 1,742 | **2,312** |
| 41-2031 | Retail Salespersons | 39,797 | 41,332 | 1,535 | 3.86% | 768 | 1,488 | **2,256** |
| 35-3021 | Combined Food Preparation and Serving Workers, Including Fast Food | 27,172 | 28,833 | 1,661 | 6.11% | 830 | 1,058 | **1,888** |
| 11-9013 | Farmers, Ranchers, and Other Agricultural Managers | 59,892 | 61,357 | 1,465 | 2.45% | 732 | 992 | **1,724** |
| 35-3031 | Waiters and Waitresses | 19,107 | 19,940 | 833 | 4.36% | 416 | 998 | **1,414** |
| 53-7062 | Laborers and Freight, Stock, and Material Movers, Hand | 26,678 | 27,641 | 963 | 3.61% | 482 | 824 | **1,306** |
| 43-9061 | Office Clerks, General | 30,076 | 30,773 | 697 | 2.32% | 348 | 634 | **982** |
| 53-3032 | Heavy and Tractor-Trailer Truck Drivers | 35,834 | 36,548 | 714 | 1.99% | 357 | 571 | **928** |
| 29-1141 | Registered Nurses | 23,040 | 23,777 | 737 | 3.20% | 368 | 508 | **876** |
| 11-1021 | General and Operations Managers | 20,388 | 21,093 | 705 | 3.46% | 352 | 479 | **831** |
| 43-5081 | Stock Clerks and Order Fillers | 16,053 | 16,534 | 481 | 3.00% | 240 | 544 | **784** |
| 43-4051 | Customer Service Representatives | 18,936 | 19,438 | 502 | 2.65% | 251 | 440 | **691** |
| 37-2011 | Janitors and Cleaners, Except Maids and Housekeeping Cleaners | 19,172 | 19,853 | 681 | 3.55% | 340 | 345 | **685** |
| 41-1011 | First-Line Supervisors of Retail Sales Workers | 17,472 | 18,012 | 540 | 3.09% | 270 | 397 | **667** |
| 31-1014 | Nursing Assistants | 18,667 | 19,151 | 484 | 2.59% | 242 | 394 | **636** |
| 39-9011 | Childcare Workers | 13,945 | 14,311 | 366 | 2.62% | 183 | 426 | **609** |
| 43-6014 | Secretaries and Administrative Assistants, Except Legal, Medical, and Executive | 24,193 | 24,867 | 674 | 2.79% | 337 | 256 | **593** |
| 35-2014 | Cooks, Restaurant | 9,349 | 9,997 | 648 | 6.93% | 324 | 252 | **576** |
| 35-1012 | First-Line Supervisors of Food Preparation and Serving Workers | 9,343 | 9,861 | 518 | 5.54% | 259 | 298 | **557** |
| 39-9021 | Personal Care Aides | 17,186 | 18,051 | 865 | 5.03% | 432 | 110 | **542** |

##### Top 20 Declining Occupations by Net Growth

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **SOC Code** | **Standard Occupational Classification (SOC) Title** | **Estimated Employment 2016** | **Projected Employment 2018** | **Net Growth** | **Percent Growth** | **Annual Openings due to Growth** | **Annual Openings due to Replacements** | **Total Annual Openings** |
| 47-5013 | Service Unit Operators, Oil, Gas, and Mining | 450 | 339 | **-111** | -24.67% | 0 | 15 | 15 |
| 47-5071 | Roustabouts, Oil and Gas | 366 | 273 | **-93** | -25.41% | 0 | 6 | 6 |
| 51-4031 | Cutting, Punching, and Press Machine Setters, Operators, and Tenders, Metal and Plastic | 2,848 | 2,759 | **-89** | -3.13% | 0 | 39 | 39 |
| 51-7011 | Cabinetmakers and Bench Carpenters | 1,244 | 1,174 | **-70** | -5.63% | 0 | 10 | 10 |
| 51-6042 | Shoe Machine Operators and Tenders | 541 | 486 | **-55** | -10.17% | 0 | 6 | 6 |
| 51-4122 | Welding, Soldering, and Brazing Machine Setters, Operators, and Tenders | 1,300 | 1,246 | **-54** | -4.15% | 0 | 36 | 36 |
| 51-4081 | Multiple Machine Tool Setters, Operators, and Tenders, Metal and Plastic | 1,503 | 1,453 | **-50** | -3.33% | 0 | 28 | 28 |
| 51-2022 | Electrical and Electronic Equipment Assemblers | 1,014 | 965 | **-49** | -4.83% | 0 | 13 | 13 |
| 47-5011 | Derrick Operators, Oil and Gas | 156 | 110 | **-46** | -29.49% | 0 | 5 | 5 |
| 51-9196 | Paper Goods Machine Setters, Operators, and Tenders | 1,949 | 1,906 | **-43** | -2.21% | 0 | 34 | 34 |
| 51-4111 | Tool and Die Makers | 535 | 493 | **-42** | -7.85% | 0 | 2 | 2 |
| 41-9041 | Telemarketers | 1,633 | 1,594 | **-39** | -2.39% | 0 | 36 | 36 |
| 47-5081 | Helpers--Extraction Workers | 197 | 160 | **-37** | -18.78% | 0 | 2 | 2 |
| 53-7073 | Wellhead Pumpers | 162 | 125 | **-37** | -22.84% | 0 | 6 | 6 |
| 51-4072 | Molding, Coremaking, and Casting Machine Setters, Operators, and Tenders, Metal and Plastic | 1,678 | 1,643 | **-35** | -2.09% | 0 | 27 | 27 |
| 43-2011 | Switchboard Operators, Including Answering Service | 738 | 707 | **-31** | -4.20% | 0 | 10 | 10 |
| 51-2021 | Coil Winders, Tapers, and Finishers | 531 | 503 | **-28** | -5.27% | 0 | 7 | 7 |
| 51-9032 | Cutting and Slicing Machine Setters, Operators, and Tenders | 1,478 | 1,450 | **-28** | -1.89% | 0 | 32 | 32 |
| 51-4121 | Welders, Cutters, Solderers, and Brazers | 5,058 | 5,032 | **-26** | -0.51% | 0 | 142 | 142 |
| 27-3041 | Editors | 623 | 598 | **-25** | -4.01% | 0 | 22 | 22 |

Top 20 Fastest Declining Occupations by Percent Growth (Minimum Decline of 5)

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **SOC Code** | **Standard Occupational Classification (SOC) Title** | **Estimated Employment 2016** | **Projected Employment 2018** | **Net Growth** | **Percent Growth** | **Annual Openings due to Growth** | **Annual Openings due to Replacements** | **Total Annual Openings** |
| 47-5011 | Derrick Operators, Oil and Gas | 156 | 110 | -46 | **-29.49%** | 0 | 5 | 5 |
| 47-5012 | Rotary Drill Operators, Oil and Gas | 68 | 48 | -20 | **-29.41%** | 0 | 2 | 2 |
| 47-5071 | Roustabouts, Oil and Gas | 366 | 273 | -93 | **-25.41%** | 0 | 6 | 6 |
| 47-5013 | Service Unit Operators, Oil, Gas, and Mining | 450 | 339 | -111 | **-24.67%** | 0 | 15 | 15 |
| 53-7073 | Wellhead Pumpers | 162 | 125 | -37 | **-22.84%** | 0 | 6 | 6 |
| 47-5081 | Helpers--Extraction Workers | 197 | 160 | -37 | **-18.78%** | 0 | 2 | 2 |
| 51-4192 | Layout Workers, Metal and Plastic | 41 | 35 | -6 | **-14.63%** | 0 | 0 | 0 |
| 51-6042 | Shoe Machine Operators and Tenders | 541 | 486 | -55 | **-10.17%** | 0 | 6 | 6 |
| 51-8092 | Gas Plant Operators | 137 | 125 | -12 | **-8.76%** | 0 | 4 | 4 |
| 51-4111 | Tool and Die Makers | 535 | 493 | -42 | **-7.85%** | 0 | 2 | 2 |
| 51-6062 | Textile Cutting Machine Setters, Operators, and Tenders | 91 | 85 | -6 | **-6.59%** | 0 | 2 | 2 |
| 51-5111 | Prepress Technicians and Workers | 283 | 267 | -16 | **-5.65%** | 0 | 4 | 4 |
| 51-7011 | Cabinetmakers and Bench Carpenters | 1,244 | 1,174 | -70 | **-5.63%** | 0 | 10 | 10 |
| 39-6011 | Baggage Porters and Bellhops | 163 | 154 | -9 | **-5.52%** | 0 | 3 | 3 |
| 51-2021 | Coil Winders, Tapers, and Finishers | 531 | 503 | -28 | **-5.27%** | 0 | 7 | 7 |
| 27-3022 | Reporters and Correspondents | 472 | 449 | -23 | **-4.87%** | 0 | 16 | 16 |
| 51-2022 | Electrical and Electronic Equipment Assemblers | 1,014 | 965 | -49 | **-4.83%** | 0 | 13 | 13 |
| 51-6021 | Pressers, Textile, Garment, and Related Materials | 398 | 380 | -18 | **-4.52%** | 0 | 10 | 10 |
| 43-2011 | Switchboard Operators, Including Answering Service | 738 | 707 | -31 | **-4.20%** | 0 | 10 | 10 |
| 51-4193 | Plating and Coating Machine Setters, Operators, and Tenders, Metal and Plastic | 361 | 346 | -15 | **-4.16%** | 0 | 9 | 9 |

| **SOC Code** | **Standard Occupational Classification**  **(SOC) Title** | **Estimated Employment 2016** | **Projected Employment 2018** | **Net Growth** | **Percent Growth** | **Annual Openings due to Growth** | **Annual Openings due to Replacement** | **Total Annual Openings** | **Education Code** | **Work Experience Code** | **Job Training Code** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **00-0000** | **TOTAL, ALL OCCUPATIONS** | **1,366,577** | **1,408,327** | **41,750** | **3.06%** | **21,696** | **31,902** | **53,598** |  |  |  |
| **11-0000** | **MANAGEMENT OCCUPATIONS** | **132,670** | **136,551** | **3,881** | **2.93%** | **1,940** | **2,560** | **4,500** |  |  |  |
| ***11-1000*** | ***Top Executives*** | ***25,602*** | ***26,379*** | ***777*** | ***3.03%*** | ***388*** | ***570*** | ***958*** |  |  |  |
| 11-1021 | General and Operations Managers | 20,388 | 21,093 | 705 | 3.46% | 352 | 479 | 831 | 3 | 1 | 6 |
| ***11-2000*** | ***Advertising, Marketing, Promotions, Public Relations, and Sales Managers*** | ***5,214*** | ***5,413*** | ***199*** | ***3.82%*** | ***100*** | ***120*** | ***220*** |  |  |  |
| 11-2011 | Advertising and Promotions Managers | 129 | 131 | 2 | 1.55% | 1 | 4 | 5 | 3 | 2 | 6 |
| 11-2021 | Marketing Managers | 1,266 | 1,333 | 67 | 5.29% | 34 | 28 | 62 | 3 | 1 | 6 |
| 11-2022 | Sales Managers | 3,468 | 3,585 | 117 | 3.37% | 58 | 76 | 134 | 3 | 2 | 6 |
| 11-2031 | Public Relations and Fundraising Managers | 351 | 364 | 13 | 3.70% | 6 | 12 | 18 | 3 | 1 | 6 |
| ***11-3000*** | ***Operations Specialties Managers*** | ***12,361*** | ***12,777*** | ***416*** | ***3.37%*** | ***208*** | ***242*** | ***450*** |  |  |  |
| 11-3011 | Administrative Services Managers | 1,971 | 2,039 | 68 | 3.45% | 34 | 32 | 66 | 3 | 2 | 6 |
| 11-3021 | Computer and Information Systems Managers | 2,142 | 2,251 | 109 | 5.09% | 54 | 18 | 72 | 3 | 1 | 6 |
| 11-3031 | Financial Managers | 2,937 | 3,042 | 105 | 3.58% | 52 | 64 | 116 | 3 | 1 | 6 |
| 11-3051 | Industrial Production Managers | 1,924 | 1,955 | 31 | 1.61% | 16 | 50 | 66 | 3 | 1 | 6 |
| 11-3061 | Purchasing Managers | 513 | 527 | 14 | 2.73% | 7 | 10 | 17 | 3 | 1 | 6 |
| 11-3071 | Transportation, Storage, and Distribution Managers | 1,474 | 1,515 | 41 | 2.78% | 20 | 29 | 49 | 7 | 1 | 6 |
| 11-3111 | Compensation and Benefits Managers | 162 | 169 | 7 | 4.32% | 4 | 4 | 8 | 3 | 1 | 6 |
| 11-3121 | Human Resources Managers | 859 | 888 | 29 | 3.38% | 14 | 24 | 38 | 3 | 1 | 6 |
| 11-3131 | Training and Development Managers | 379 | 391 | 12 | 3.17% | 6 | 10 | 16 | 3 | 1 | 6 |
| ***11-9000*** | ***Other Management Occupations*** | ***89,493*** | ***91,982*** | ***2,489*** | ***2.78%*** | ***1,244*** | ***1,627*** | ***2,871*** |  |  |  |
| 11-9013 | Farmers, Ranchers, and Other Agricultural Managers | 59,892 | 61,357 | 1,465 | 2.45% | 732 | 992 | 1,724 | 7 | 1 | 6 |
| 11-9021 | Construction Managers | 2,713 | 2,841 | 128 | 4.72% | 64 | 40 | 104 | 3 | 3 | 4 |
| 11-9031 | Education Administrators, Preschool and Childcare Center/Program | 682 | 705 | 23 | 3.37% | 12 | 20 | 32 | 3 | 2 | 6 |
| 11-9032 | Education Administrators, Elementary and Secondary School | 2,363 | 2,444 | 81 | 3.43% | 40 | 70 | 110 | 2 | 1 | 6 |
| 11-9033 | Education Administrators, Postsecondary | 1,693 | 1,737 | 44 | 2.60% | 22 | 50 | 72 | 2 | 2 | 6 |
| 11-9039 | Education Administrators, All Other | 116 | 118 | 2 | 1.72% | 1 | 4 | 5 | 3 | 2 | 6 |
| 11-9041 | Architectural and Engineering Managers | 554 | 559 | 5 | 0.90% | 2 | 15 | 17 | 3 | 1 | 6 |
| 11-9051 | Food Service Managers | 2,335 | 2,435 | 100 | 4.28% | 50 | 44 | 94 | 7 | 2 | 6 |
| 11-9061 | Funeral Service Managers | 462 | 475 | 13 | 2.81% | 6 | 10 | 16 | 4 | 2 | 6 |
| 11-9081 | Lodging Managers | 514 | 527 | 13 | 2.53% | 6 | 10 | 16 | 7 | 2 | 6 |
| 11-9111 | Medical and Health Services Managers | 3,415 | 3,533 | 118 | 3.46% | 59 | 80 | 139 | 3 | 2 | 6 |
| 11-9121 | Natural Sciences Managers | 326 | 335 | 9 | 2.76% | 4 | 6 | 10 | 3 | 1 | 6 |
| 11-9131 | Postmasters and Mail Superintendents | 215 | 220 | 5 | 2.33% | 2 | 4 | 6 | 7 | 2 | 4 |
| 11-9141 | Property, Real Estate, and Community Association Managers | 3,173 | 3,285 | 112 | 3.53% | 56 | 50 | 106 | 7 | 2 | 6 |
| 11-9151 | Social and Community Service Managers | 1,472 | 1,518 | 46 | 3.13% | 23 | 38 | 61 | 3 | 1 | 6 |
| 11-9161 | Emergency Management Directors | 116 | 118 | 2 | 1.72% | 1 | 1 | 2 | 3 | 1 | 6 |
| 11-9199 | Managers, All Other | 9,452 | 9,775 | 323 | 3.42% | 162 | 193 | 355 | 3 | 2 | 6 |
| **13-0000** | **BUSINESS AND FINANCIAL OPERATIONS OCCUPATIONS** | **52,442** | **54,480** | **2,038** | **3.89%** | **1,022** | **993** | **2,015** |  |  |  |
| ***13-1000*** | ***Business Operations Specialists*** | ***36,891*** | ***38,312*** | ***1,421*** | ***3.85%*** | ***714*** | ***629*** | ***1,343*** |  |  |  |
| 13-1021 | Buyers and Purchasing Agents, Farm Products | 132 | 137 | 5 | 3.79% | 2 | 2 | 4 | 3 | 3 | 3 |
| 13-1023 | Purchasing Agents, Except Wholesale, Retail, and Farm Products | 1,526 | 1,551 | 25 | 1.64% | 12 | 42 | 54 | 3 | 3 | 3 |
| 13-1031 | Claims Adjusters, Examiners, and Investigators | 1,482 | 1,519 | 37 | 2.50% | 18 | 34 | 52 | 7 | 3 | 3 |
| 13-1041 | Compliance Officers | 2,104 | 2,156 | 52 | 2.47% | 26 | 27 | 53 | 3 | 3 | 4 |
| 13-1051 | Cost Estimators | 1,362 | 1,442 | 80 | 5.87% | 40 | 37 | 77 | 3 | 3 | 6 |
| 13-1071 | Human Resources Specialists | 2,719 | 2,784 | 65 | 2.39% | 32 | 62 | 94 | 3 | 3 | 6 |
| 13-1075 | Labor Relations Specialists | 836 | 830 | -6 | -0.72% | 0 | 19 | 19 | 3 | 2 | 6 |
| 13-1081 | Logisticians | 997 | 1,039 | 42 | 4.21% | 21 | 8 | 29 | 3 | 3 | 6 |
| 13-1111 | Management Analysts | 4,928 | 5,110 | 182 | 3.69% | 91 | 58 | 149 | 3 | 2 | 6 |
| 13-1121 | Meeting, Convention, and Event Planners | 492 | 509 | 17 | 3.46% | 8 | 5 | 13 | 3 | 3 | 6 |
| 13-1131 | Fundraisers | 320 | 336 | 16 | 5.00% | 8 | 4 | 12 | 3 | 3 | 6 |
| 13-1141 | Compensation, Benefits, and Job Analysis Specialists | 685 | 704 | 19 | 2.77% | 10 | 16 | 26 | 3 | 2 | 6 |
| 13-1151 | Training and Development Specialists | 2,850 | 2,923 | 73 | 2.56% | 36 | 66 | 102 | 3 | 2 | 6 |
| 13-1161 | Market Research Analysts and Marketing Specialists | 2,933 | 3,099 | 166 | 5.66% | 83 | 30 | 113 | 3 | 3 | 6 |
| 13-1199 | Business Operations Specialists, All Other | 9,692 | 10,107 | 415 | 4.28% | 208 | 101 | 309 | 3 | 3 | 6 |
| ***13-2000*** | ***Financial Specialists*** | ***15,551*** | ***16,168*** | ***617*** | ***3.97%*** | ***308*** | ***364*** | ***672*** |  |  |  |
| 13-2011 | Accountants and Auditors | 6,901 | 7,225 | 324 | 4.69% | 162 | 180 | 342 | 3 | 3 | 6 |
| 13-2021 | Appraisers and Assessors of Real Estate | 913 | 937 | 24 | 2.63% | 12 | 16 | 28 | 3 | 3 | 3 |
| 13-2031 | Budget Analysts | 472 | 480 | 8 | 1.69% | 4 | 12 | 16 | 3 | 3 | 6 |
| 13-2041 | Credit Analysts | 330 | 347 | 17 | 5.15% | 8 | 14 | 22 | 3 | 3 | 6 |
| 13-2051 | Financial Analysts | 868 | 879 | 11 | 1.27% | 6 | 15 | 21 | 3 | 3 | 6 |
| 13-2052 | Personal Financial Advisors | 1,085 | 1,129 | 44 | 4.06% | 22 | 26 | 48 | 3 | 3 | 3 |
| 13-2053 | Insurance Underwriters | 146 | 149 | 3 | 2.05% | 2 | 2 | 4 | 3 | 3 | 4 |
| 13-2061 | Financial Examiners | 174 | 180 | 6 | 3.45% | 3 | 4 | 7 | 3 | 3 | 4 |
| 13-2071 | Credit Counselors | 90 | 93 | 3 | 3.33% | 2 | 2 | 4 | 3 | 3 | 4 |
| 13-2072 | Loan Officers | 2,063 | 2,162 | 99 | 4.80% | 50 | 35 | 85 | 3 | 3 | 4 |
| 13-2081 | Tax Examiners and Collectors, and Revenue Agents | 590 | 595 | 5 | 0.85% | 2 | 22 | 24 | 3 | 3 | 4 |
| 13-2082 | Tax Preparers | 1,345 | 1,401 | 56 | 4.16% | 28 | 30 | 58 | 7 | 3 | 4 |
| 13-2099 | Financial Specialists, All Other | 574 | 591 | 17 | 2.96% | 8 | 4 | 12 | 3 | 3 | 4 |
| **15-0000** | **COMPUTER AND MATHEMATICAL OCCUPATIONS** | **24,483** | **25,604** | **1,121** | **4.58%** | **560** | **330** | **890** |  |  |  |
| ***15-1100*** | ***Computer Occupations*** | ***23,961*** | ***25,055*** | ***1,094*** | ***4.57%*** | ***547*** | ***322*** | ***869*** |  |  |  |
| 15-1111 | Computer and Information Research Scientists | 22 | 22 | 0 | 0.00% | 0 | 0 | 0 | 1 | 3 | 6 |
| 15-1121 | Computer Systems Analysts | 3,200 | 3,403 | 203 | 6.34% | 102 | 36 | 138 | 3 | 3 | 6 |
| 15-1122 | Information Security Analysts | 2,283 | 2,446 | 163 | 7.14% | 82 | 26 | 108 | 3 | 2 | 6 |
| 15-1131 | Computer Programmers | 3,455 | 3,538 | 83 | 2.40% | 42 | 84 | 126 | 3 | 3 | 6 |
| 15-1132 | Software Developers, Applications | 2,017 | 2,136 | 119 | 5.90% | 60 | 25 | 85 | 3 | 3 | 6 |
| 15-1133 | Software Developers, Systems Software | 1,051 | 1,063 | 12 | 1.14% | 6 | 13 | 19 | 3 | 3 | 6 |
| 15-1134 | Web Developers | 673 | 723 | 50 | 7.43% | 25 | 8 | 33 | 4 | 3 | 6 |
| 15-1141 | Database Administrators | 787 | 827 | 40 | 5.08% | 20 | 14 | 34 | 3 | 2 | 6 |
| 15-1142 | Network and Computer Systems Administrators | 3,331 | 3,466 | 135 | 4.05% | 68 | 37 | 105 | 3 | 3 | 6 |
| 15-1143 | Computer Network Architects | 1,424 | 1,496 | 72 | 5.06% | 36 | 16 | 52 | 3 | 1 | 6 |
| 15-1151 | Computer User Support Specialists | 4,096 | 4,268 | 172 | 4.20% | 86 | 46 | 132 | 6 | 3 | 6 |
| 15-1152 | Computer Network Support Specialists | 994 | 1,028 | 34 | 3.42% | 17 | 11 | 28 | 4 | 3 | 6 |
| 15-1199 | Computer Occupations, All Other | 628 | 639 | 11 | 1.75% | 6 | 7 | 13 | 3 | 3 | 6 |
| ***15-2000*** | ***Mathematical Science Occupations*** | ***522*** | ***549*** | ***27*** | ***5.17%*** | ***14*** | ***8*** | ***22*** |  |  |  |
| 15-2031 | Operations Research Analysts | 286 | 298 | 12 | 4.20% | 6 | 4 | 10 | 3 | 3 | 6 |
| 15-2041 | Statisticians | 179 | 189 | 10 | 5.59% | 5 | 3 | 8 | 2 | 3 | 6 |
| **17-0000** | **ARCHITECTURE AND ENGINEERING OCCUPATIONS** | **11,804** | **12,116** | **312** | **2.64%** | **162** | **282** | **444** |  |  |  |
| ***17-1000*** | ***Architects, Surveyors, and Cartographers*** | ***1,509*** | ***1,587*** | ***78*** | ***5.17%*** | ***39*** | ***34*** | ***73*** |  |  |  |
| 17-1011 | Architects, Except Landscape and Naval | 773 | 825 | 52 | 6.73% | 26 | 13 | 39 | 3 | 3 | 2 |
| 17-1012 | Landscape Architects | 109 | 115 | 6 | 5.50% | 3 | 2 | 5 | 3 | 3 | 2 |
| 17-1021 | Cartographers and Photogrammetrists | 59 | 64 | 5 | 8.47% | 2 | 2 | 4 | 3 | 3 | 6 |
| 17-1022 | Surveyors | 568 | 583 | 15 | 2.64% | 8 | 17 | 25 | 3 | 2 | 6 |
| ***17-2000*** | ***Engineers*** | ***6,872*** | ***7,029*** | ***157*** | ***2.28%*** | ***83*** | ***183*** | ***266*** |  |  |  |
| 17-2041 | Chemical Engineers | 208 | 210 | 2 | 0.96% | 1 | 6 | 7 | 3 | 3 | 6 |
| 17-2051 | Civil Engineers | 1,317 | 1,376 | 59 | 4.48% | 30 | 38 | 68 | 3 | 3 | 6 |
| 17-2061 | Computer Hardware Engineers | 201 | 211 | 10 | 4.98% | 5 | 4 | 9 | 3 | 3 | 6 |
| 17-2071 | Electrical Engineers | 769 | 774 | 5 | 0.65% | 2 | 17 | 19 | 3 | 3 | 6 |
| 17-2072 | Electronics Engineers, Except Computer | 261 | 269 | 8 | 3.07% | 4 | 6 | 10 | 3 | 3 | 6 |
| 17-2081 | Environmental Engineers | 169 | 179 | 10 | 5.92% | 5 | 5 | 10 | 3 | 3 | 6 |
| 17-2111 | Health and Safety Engineers, Except Mining Safety Engineers and Inspectors | 103 | 108 | 5 | 4.85% | 2 | 3 | 5 | 3 | 3 | 6 |
| 17-2112 | Industrial Engineers | 1,574 | 1,592 | 18 | 1.14% | 9 | 44 | 53 | 3 | 3 | 6 |
| 17-2131 | Materials Engineers | 57 | 58 | 1 | 1.75% | 0 | 2 | 2 | 3 | 3 | 6 |
| 17-2141 | Mechanical Engineers | 1,217 | 1,225 | 8 | 0.66% | 4 | 38 | 42 | 3 | 3 | 6 |
| 17-2199 | Engineers, All Other | 541 | 568 | 27 | 4.99% | 14 | 10 | 24 | 3 | 3 | 6 |
| ***17-3000*** | ***Drafters, Engineering Technicians, and Mapping Technicians*** | ***3,423*** | ***3,500*** | ***77*** | ***2.25%*** | ***40*** | ***65*** | ***105*** |  |  |  |
| 17-3011 | Architectural and Civil Drafters | 477 | 497 | 20 | 4.19% | 10 | 6 | 16 | 4 | 3 | 6 |
| 17-3012 | Electrical and Electronics Drafters | 143 | 152 | 9 | 6.29% | 4 | 2 | 6 | 4 | 3 | 6 |
| 17-3013 | Mechanical Drafters | 322 | 330 | 8 | 2.48% | 4 | 4 | 8 | 4 | 3 | 6 |
| 17-3019 | Drafters, All Other | 66 | 67 | 1 | 1.52% | 0 | 1 | 1 | 4 | 3 | 6 |
| 17-3022 | Civil Engineering Technicians | 264 | 279 | 15 | 5.68% | 8 | 6 | 14 | 4 | 3 | 6 |
| 17-3023 | Electrical and Electronics Engineering Technicians | 550 | 555 | 5 | 0.91% | 2 | 13 | 15 | 4 | 3 | 6 |
| 17-3025 | Environmental Engineering Technicians | 189 | 194 | 5 | 2.65% | 2 | 4 | 6 | 4 | 3 | 6 |
| 17-3026 | Industrial Engineering Technicians | 315 | 316 | 1 | 0.32% | 0 | 8 | 8 | 4 | 3 | 6 |
| 17-3027 | Mechanical Engineering Technicians | 217 | 220 | 3 | 1.38% | 2 | 5 | 7 | 4 | 3 | 6 |
| 17-3029 | Engineering Technicians, Except Drafters, All Other | 339 | 336 | -3 | -0.88% | 0 | 8 | 8 | 4 | 3 | 6 |
| 17-3031 | Surveying and Mapping Technicians | 460 | 471 | 11 | 2.39% | 6 | 6 | 12 | 7 | 3 | 4 |
| **19-0000** | **LIFE, PHYSICAL, AND SOCIAL SCIENCE OCCUPATIONS** | **7,897** | **8,080** | **183** | **2.32%** | **96** | **221** | **317** |  |  |  |
| ***19-1000*** | ***Life Scientists*** | ***2,247*** | ***2,271*** | ***24*** | ***1.07%*** | ***14*** | ***70*** | ***84*** |  |  |  |
| 19-1011 | Animal Scientists | 65 | 65 | 0 | 0.00% | 0 | 2 | 2 | 3 | 3 | 6 |
| 19-1012 | Food Scientists and Technologists | 357 | 368 | 11 | 3.08% | 6 | 12 | 18 | 3 | 3 | 6 |
| 19-1013 | Soil and Plant Scientists | 136 | 138 | 2 | 1.47% | 1 | 4 | 5 | 3 | 3 | 6 |
| 19-1021 | Biochemists and Biophysicists | 77 | 80 | 3 | 3.90% | 2 | 2 | 4 | 1 | 3 | 6 |
| 19-1022 | Microbiologists | 186 | 188 | 2 | 1.08% | 1 | 4 | 5 | 3 | 3 | 6 |
| 19-1023 | Zoologists and Wildlife Biologists | 202 | 204 | 2 | 0.99% | 1 | 5 | 6 | 3 | 3 | 6 |
| 19-1031 | Conservation Scientists | 253 | 258 | 5 | 1.98% | 2 | 10 | 12 | 3 | 3 | 6 |
| 19-1032 | Foresters | 391 | 391 | 0 | 0.00% | 0 | 15 | 15 | 3 | 3 | 6 |
| 19-1041 | Epidemiologists | 50 | 51 | 1 | 2.00% | 0 | 2 | 2 | 2 | 3 | 6 |
| 19-1042 | Medical Scientists, Except Epidemiologists | 231 | 234 | 3 | 1.30% | 2 | 7 | 9 | 1 | 3 | 6 |
| ***19-2000*** | ***Physical Scientists*** | ***1,086*** | ***1,107*** | ***21*** | ***1.93%*** | ***12*** | ***26*** | ***38*** |  |  |  |
| 19-2021 | Atmospheric and Space Scientists | 32 | 32 | 0 | 0.00% | 0 | 0 | 0 | 3 | 3 | 6 |
| 19-2031 | Chemists | 547 | 554 | 7 | 1.28% | 4 | 12 | 16 | 3 | 3 | 6 |
| 19-2041 | Environmental Scientists and Specialists, Including Health | 312 | 325 | 13 | 4.17% | 6 | 9 | 15 | 3 | 3 | 6 |
| 19-2042 | Geoscientists, Except Hydrologists and Geographers | 71 | 71 | 0 | 0.00% | 0 | 2 | 2 | 3 | 3 | 6 |
| 19-2043 | Hydrologists | 27 | 28 | 1 | 3.70% | 0 | 1 | 1 | 3 | 3 | 6 |
| 19-2099 | Physical Scientists, All Other | 49 | 47 | -2 | -4.08% | 0 | 0 | 0 | 3 | 3 | 6 |
| ***19-3000*** | ***Social Scientists and Related Workers*** | ***1,500*** | ***1,553*** | ***53*** | ***3.53%*** | ***26*** | ***26*** | ***52*** |  |  |  |
| 19-3011 | Economists | 95 | 98 | 3 | 3.16% | 2 | 2 | 4 | 2 | 3 | 6 |
| 19-3022 | Survey Researchers | 60 | 64 | 4 | 6.67% | 2 | 0 | 2 | 2 | 3 | 6 |
| 19-3031 | Clinical, Counseling, and School Psychologists | 794 | 831 | 37 | 4.66% | 18 | 16 | 34 | 1 | 3 | 2 |
| 19-3039 | Psychologists, All Other | 107 | 108 | 1 | 0.93% | 0 | 2 | 2 | 2 | 3 | 2 |
| 19-3051 | Urban and Regional Planners | 104 | 106 | 2 | 1.92% | 1 | 2 | 3 | 2 | 3 | 6 |
| 19-3091 | Anthropologists and Archeologists | 23 | 24 | 1 | 4.35% | 0 | 0 | 0 | 2 | 3 | 6 |
| 19-3099 | Social Scientists and Related Workers, All Other | 300 | 304 | 4 | 1.33% | 2 | 3 | 5 | 3 | 3 | 6 |
| ***19-4000*** | ***Life, Physical, and Social Science Technicians*** | ***3,064*** | ***3,149*** | ***85*** | ***2.77%*** | ***43*** | ***100*** | ***143*** |  |  |  |
| 19-4011 | Agricultural and Food Science Technicians | 663 | 682 | 19 | 2.87% | 10 | 17 | 27 | 4 | 3 | 4 |
| 19-4021 | Biological Technicians | 597 | 605 | 8 | 1.34% | 4 | 18 | 22 | 3 | 3 | 6 |
| 19-4031 | Chemical Technicians | 675 | 704 | 29 | 4.30% | 14 | 20 | 34 | 4 | 3 | 4 |
| 19-4091 | Environmental Science and Protection Technicians, Including Health | 169 | 175 | 6 | 3.55% | 3 | 7 | 10 | 4 | 3 | 6 |
| 19-4092 | Forensic Science Technicians | 149 | 158 | 9 | 6.04% | 4 | 6 | 10 | 3 | 3 | 4 |
| 19-4093 | Forest and Conservation Technicians | 255 | 255 | 0 | 0.00% | 0 | 10 | 10 | 4 | 3 | 6 |
| 19-4099 | Life, Physical, and Social Science Technicians, All Other | 441 | 455 | 14 | 3.17% | 7 | 18 | 25 | 4 | 3 | 6 |
|  |  |  |  |  |  |  |  |  |  |  |  |
| **21-0000** | **COMMUNITY AND SOCIAL SERVICE OCCUPATIONS** | **23,125** | **24,164** | **1,039** | **4.49%** | **520** | **475** | **995** |  |  |  |
| ***21-1000*** | ***Counselors, Social Workers, and Other Community and Social Service Specialists*** | ***14,092*** | ***14,558*** | ***466*** | ***3.31%*** | ***233*** | ***283*** | ***516*** |  |  |  |
| 21-1011 | Substance Abuse and Behavioral Disorder Counselors | 735 | 774 | 39 | 5.31% | 20 | 14 | 34 | 3 | 3 | 6 |
| 21-1012 | Educational, Guidance, School, and Vocational Counselors | 2,181 | 2,249 | 68 | 3.12% | 34 | 44 | 78 | 2 | 3 | 6 |
| 21-1013 | Marriage and Family Therapists | 77 | 80 | 3 | 3.90% | 2 | 2 | 4 | 2 | 3 | 2 |
| 21-1014 | Mental Health Counselors | 697 | 723 | 26 | 3.73% | 13 | 14 | 27 | 2 | 3 | 2 |
| 21-1015 | Rehabilitation Counselors | 278 | 287 | 9 | 3.24% | 4 | 6 | 10 | 2 | 3 | 6 |
| 21-1019 | Counselors, All Other | 126 | 130 | 4 | 3.17% | 2 | 2 | 4 | 2 | 3 | 6 |
| 21-1021 | Child, Family, and School Social Workers | 1,421 | 1,451 | 30 | 2.11% | 15 | 33 | 48 | 3 | 3 | 6 |
| 21-1022 | Healthcare Social Workers | 1,345 | 1,400 | 55 | 4.09% | 28 | 32 | 60 | 2 | 3 | 6 |
| 21-1023 | Mental Health and Substance Abuse Social Workers | 738 | 767 | 29 | 3.93% | 14 | 17 | 31 | 3 | 3 | 6 |
| 21-1029 | Social Workers, All Other | 615 | 620 | 5 | 0.81% | 2 | 14 | 16 | 3 | 3 | 6 |
| 21-1091 | Health Educators | 388 | 399 | 11 | 2.84% | 6 | 7 | 13 | 3 | 3 | 6 |
| 21-1092 | Probation Officers and Correctional Treatment Specialists | 877 | 892 | 15 | 1.71% | 8 | 16 | 24 | 3 | 3 | 5 |
| 21-1093 | Social and Human Service Assistants | 3,880 | 4,024 | 144 | 3.71% | 72 | 70 | 142 | 7 | 3 | 5 |
| 21-1094 | Community Health Workers | 422 | 440 | 18 | 4.27% | 9 | 8 | 17 | 7 | 3 | 5 |
| 21-1099 | Community and Social Service Specialists, All Other | 312 | 322 | 10 | 3.21% | 5 | 6 | 11 | 2 | 3 | 6 |
| ***21-2000*** | ***Religious Workers*** | ***9,033*** | ***9,606*** | ***573*** | ***6.34%*** | ***286*** | ***192*** | ***478*** |  |  |  |
| 21-2011 | Clergy | 7,887 | 8,388 | 501 | 6.35% | 250 | 166 | 416 | 3 | 3 | 4 |
| **23-0000** | **LEGAL OCCUPATIONS** | **8,002** | **8,224** | **222** | **2.77%** | **111** | **126** | **237** |  |  |  |
| ***23-1000*** | ***Lawyers, Judges, and Related Workers*** | ***4,996*** | ***5,139*** | ***143*** | ***2.86%*** | ***72*** | ***66*** | ***138*** |  |  |  |
| 23-1011 | Lawyers | 4,130 | 4,263 | 133 | 3.22% | 66 | 54 | 120 | 1 | 3 | 6 |
| 23-1012 | Judicial Law Clerks | 76 | 76 | 0 | 0.00% | 0 | 2 | 2 | 1 | 3 | 6 |
| 23-1021 | Administrative Law Judges, Adjudicators, and Hearing Officers | 422 | 427 | 5 | 1.18% | 2 | 6 | 8 | 1 | 1 | 5 |
| 23-1022 | Arbitrators, Mediators, and Conciliators | 38 | 39 | 1 | 2.63% | 0 | 0 | 0 | 3 | 2 | 4 |
| 23-1023 | Judges, Magistrate Judges, and Magistrates | 330 | 334 | 4 | 1.21% | 2 | 4 | 6 | 1 | 1 | 5 |
| ***23-2000*** | ***Legal Support Workers*** | ***3,006*** | ***3,085*** | ***79*** | ***2.63%*** | ***40*** | ***60*** | ***100*** |  |  |  |
| 23-2011 | Paralegals and Legal Assistants | 1,562 | 1,618 | 56 | 3.59% | 28 | 31 | 59 | 4 | 3 | 6 |
| 23-2091 | Court Reporters | 225 | 226 | 1 | 0.44% | 0 | 4 | 4 | 5 | 3 | 5 |
| 23-2093 | Title Examiners, Abstractors, and Searchers | 956 | 973 | 17 | 1.78% | 8 | 19 | 27 | 7 | 3 | 5 |
| 23-2099 | Legal Support Workers, All Other | 263 | 268 | 5 | 1.90% | 2 | 5 | 7 | 7 | 3 | 5 |
| **25-0000** | **EDUCATION, TRAINING, AND LIBRARY OCCUPATIONS** | **77,252** | **79,793** | **2,541** | **3.29%** | **1,271** | **1,621** | **2,892** |  |  |  |
| ***25-1000*** | ***Postsecondary Teachers*** | ***15,276*** | ***15,709*** | ***433*** | ***2.83%*** | ***217*** | ***249*** | ***466*** |  |  |  |
| 25-1011 | Business Teachers, Postsecondary | 866 | 889 | 23 | 2.66% | 12 | 14 | 26 | 1 | 3 | 6 |
| 25-1021 | Computer Science Teachers, Postsecondary | 366 | 375 | 9 | 2.46% | 4 | 6 | 10 | 1 | 3 | 6 |
| 25-1022 | Mathematical Science Teachers, Postsecondary | 544 | 560 | 16 | 2.94% | 8 | 9 | 17 | 1 | 3 | 6 |
| 25-1031 | Architecture Teachers, Postsecondary | 105 | 108 | 3 | 2.86% | 2 | 2 | 4 | 1 | 3 | 6 |
| 25-1032 | Engineering Teachers, Postsecondary | 366 | 379 | 13 | 3.55% | 6 | 6 | 12 | 1 | 3 | 6 |
| 25-1041 | Agricultural Sciences Teachers, Postsecondary | 279 | 286 | 7 | 2.51% | 4 | 4 | 8 | 1 | 3 | 6 |
| 25-1042 | Biological Science Teachers, Postsecondary | 449 | 465 | 16 | 3.56% | 8 | 8 | 16 | 1 | 3 | 6 |
| 25-1051 | Atmospheric, Earth, Marine, and Space Sciences Teachers, Postsecondary | 95 | 96 | 1 | 1.05% | 0 | 2 | 2 | 1 | 3 | 6 |
| 25-1052 | Chemistry Teachers, Postsecondary | 261 | 271 | 10 | 3.83% | 5 | 4 | 9 | 1 | 3 | 6 |
| 25-1053 | Environmental Science Teachers, Postsecondary | 62 | 64 | 2 | 3.23% | 1 | 1 | 2 | 1 | 3 | 6 |
| 25-1054 | Physics Teachers, Postsecondary | 132 | 137 | 5 | 3.79% | 2 | 2 | 4 | 1 | 3 | 6 |
| 25-1061 | Anthropology and Archeology Teachers, Postsecondary | 147 | 151 | 4 | 2.72% | 2 | 2 | 4 | 1 | 3 | 6 |
| 25-1062 | Area, Ethnic, and Cultural Studies Teachers, Postsecondary | 37 | 39 | 2 | 5.41% | 1 | 0 | 1 | 1 | 3 | 6 |
| 25-1063 | Economics Teachers, Postsecondary | 118 | 121 | 3 | 2.54% | 2 | 2 | 4 | 1 | 3 | 6 |
| 25-1064 | Geography Teachers, Postsecondary | 44 | 46 | 2 | 4.55% | 1 | 0 | 1 | 1 | 3 | 6 |
| 25-1065 | Political Science Teachers, Postsecondary | 129 | 133 | 4 | 3.10% | 2 | 2 | 4 | 1 | 3 | 6 |
| 25-1066 | Psychology Teachers, Postsecondary | 282 | 292 | 10 | 3.55% | 5 | 4 | 9 | 1 | 3 | 6 |
| 25-1067 | Sociology Teachers, Postsecondary | 166 | 171 | 5 | 3.01% | 2 | 2 | 4 | 1 | 3 | 6 |
| 25-1069 | Social Sciences Teachers, Postsecondary, All Other | 55 | 56 | 1 | 1.82% | 0 | 1 | 1 | 1 | 3 | 6 |
| 25-1071 | Health Specialties Teachers, Postsecondary | 1,382 | 1,437 | 55 | 3.98% | 28 | 22 | 50 | 1 | 2 | 6 |
| 25-1072 | Nursing Instructors and Teachers, Postsecondary | 663 | 689 | 26 | 3.92% | 13 | 11 | 24 | 2 | 2 | 6 |
| 25-1081 | Education Teachers, Postsecondary | 888 | 912 | 24 | 2.70% | 12 | 14 | 26 | 1 | 2 | 6 |
| 25-1111 | Criminal Justice and Law Enforcement Teachers, Postsecondary | 145 | 152 | 7 | 4.83% | 4 | 2 | 6 | 1 | 3 | 6 |
| 25-1112 | Law Teachers, Postsecondary | 154 | 162 | 8 | 5.19% | 4 | 2 | 6 | 1 | 3 | 6 |
| 25-1113 | Social Work Teachers, Postsecondary | 143 | 148 | 5 | 3.50% | 2 | 2 | 4 | 1 | 3 | 6 |
| 25-1121 | Art, Drama, and Music Teachers, Postsecondary | 755 | 778 | 23 | 3.05% | 12 | 12 | 24 | 2 | 3 | 6 |
| 25-1122 | Communications Teachers, Postsecondary | 368 | 378 | 10 | 2.72% | 5 | 6 | 11 | 1 | 3 | 6 |
| 25-1123 | English Language and Literature Teachers, Postsecondary | 655 | 670 | 15 | 2.29% | 8 | 10 | 18 | 1 | 3 | 6 |
| 25-1124 | Foreign Language and Literature Teachers, Postsecondary | 239 | 246 | 7 | 2.93% | 4 | 4 | 8 | 1 | 3 | 6 |
| 25-1125 | History Teachers, Postsecondary | 299 | 306 | 7 | 2.34% | 4 | 5 | 9 | 1 | 3 | 6 |
| 25-1126 | Philosophy and Religion Teachers, Postsecondary | 217 | 224 | 7 | 3.23% | 4 | 4 | 8 | 1 | 3 | 6 |
| 25-1191 | Graduate Teaching Assistants | 1,688 | 1,723 | 35 | 2.07% | 18 | 28 | 46 | 3 | 3 | 6 |
| 25-1192 | Home Economics Teachers, Postsecondary | 79 | 78 | -1 | -1.27% | 0 | 2 | 2 | 2 | 3 | 6 |
| 25-1193 | Recreation and Fitness Studies Teachers, Postsecondary | 231 | 238 | 7 | 3.03% | 4 | 4 | 8 | 1 | 3 | 6 |
| 25-1194 | Vocational Education Teachers, Postsecondary | 1,368 | 1,389 | 21 | 1.54% | 10 | 22 | 32 | 3 | 2 | 6 |
| 25-1199 | Postsecondary Teachers, All Other | 1,448 | 1,488 | 40 | 2.76% | 20 | 24 | 44 | 1 | 3 | 6 |
| ***25-2000*** | ***Preschool, Primary, Secondary, and Special Education School Teachers*** | ***37,478*** | ***38,727*** | ***1,249*** | ***3.33%*** | ***624*** | ***878*** | ***1,502*** |  |  |  |
| 25-2011 | Preschool Teachers, Except Special Education | 2,514 | 2,590 | 76 | 3.02% | 38 | 73 | 111 | 4 | 3 | 6 |
| 25-2012 | Kindergarten Teachers, Except Special Education | 2,029 | 2,099 | 70 | 3.45% | 35 | 59 | 94 | 3 | 3 | 2 |
| 25-2021 | Elementary School Teachers, Except Special Education | 11,853 | 12,257 | 404 | 3.41% | 202 | 263 | 465 | 3 | 3 | 2 |
| 25-2022 | Middle School Teachers, Except Special and Career/Technical Education | 6,228 | 6,438 | 210 | 3.37% | 105 | 138 | 243 | 3 | 3 | 2 |
| 25-2023 | Career/Technical Education Teachers, Middle School | 178 | 184 | 6 | 3.37% | 3 | 4 | 7 | 3 | 2 | 2 |
| 25-2031 | Secondary School Teachers, Except Special and Career/Technical Education | 10,233 | 10,574 | 341 | 3.33% | 170 | 255 | 425 | 3 | 3 | 2 |
| 25-2032 | Career/Technical Education Teachers, Secondary School | 893 | 913 | 20 | 2.24% | 10 | 22 | 32 | 3 | 2 | 2 |
| 25-2051 | Special Education Teachers, Preschool | 464 | 484 | 20 | 4.31% | 10 | 8 | 18 | 3 | 3 | 2 |
| 25-2052 | Special Education Teachers, Kindergarten and Elementary School | 1,053 | 1,088 | 35 | 3.32% | 18 | 19 | 37 | 3 | 3 | 2 |
| 25-2053 | Special Education Teachers, Middle School | 633 | 654 | 21 | 3.32% | 10 | 12 | 22 | 3 | 3 | 2 |
| 25-2054 | Special Education Teachers, Secondary School | 1,263 | 1,305 | 42 | 3.33% | 21 | 23 | 44 | 3 | 3 | 2 |
| 25-2059 | Special Education Teachers, All Other | 137 | 141 | 4 | 2.92% | 2 | 2 | 4 | 3 | 3 | 2 |
| ***25-3000*** | ***Other Teachers and Instructors*** | ***10,448*** | ***10,852*** | ***404*** | ***3.87%*** | ***202*** | ***190*** | ***392*** |  |  |  |
| 25-3011 | Adult Basic and Secondary Education and Literacy Teachers and Instructors | 1,154 | 1,176 | 22 | 1.91% | 11 | 21 | 32 | 3 | 3 | 2 |
| 25-3021 | Self-Enrichment Education Teachers | 884 | 931 | 47 | 5.32% | 24 | 16 | 40 | 7 | 2 | 6 |
| 25-3097 | Teachers and Instructors, All Other, Except Substitute Teachers | 1,386 | 1,429 | 43 | 3.10% | 22 | 25 | 47 | 3 | 3 | 2 |
| ***25-4000*** | ***Librarians, Curators, and Archivists*** | ***2,434*** | ***2,495*** | ***61*** | ***2.51%*** | ***30*** | ***75*** | ***105*** |  |  |  |
| 25-4011 | Archivists | 87 | 89 | 2 | 2.30% | 1 | 2 | 3 | 2 | 3 | 6 |
| 25-4012 | Curators | 69 | 75 | 6 | 8.70% | 3 | 2 | 5 | 2 | 3 | 6 |
| 25-4013 | Museum Technicians and Conservators | 87 | 96 | 9 | 10.34% | 4 | 2 | 6 | 3 | 3 | 6 |
| 25-4021 | Librarians | 1,463 | 1,488 | 25 | 1.71% | 12 | 30 | 42 | 2 | 3 | 6 |
| 25-4031 | Library Technicians | 728 | 747 | 19 | 2.61% | 10 | 38 | 48 | 5 | 3 | 6 |
| ***25-9000*** | ***Other Education, Training, and Library Occupations*** | ***11,616*** | ***12,010*** | ***394*** | ***3.39%*** | ***197*** | ***228*** | ***425*** |  |  |  |
| 25-9011 | Audio-Visual and Multimedia Collections Specialists | 151 | 155 | 4 | 2.65% | 2 | 1 | 3 | 3 | 2 | 6 |
| 25-9021 | Farm and Home Management Advisors | 297 | 310 | 13 | 4.38% | 6 | 2 | 8 | 2 | 3 | 6 |
| 25-9031 | Instructional Coordinators | 1,651 | 1,705 | 54 | 3.27% | 27 | 10 | 37 | 2 | 1 | 6 |
| 25-9041 | Teacher Assistants | 9,343 | 9,661 | 318 | 3.40% | 159 | 214 | 373 | 6 | 3 | 6 |
| 25-9099 | Education, Training, and Library Workers, All Other | 174 | 179 | 5 | 2.87% | 2 | 1 | 3 | 3 | 3 | 6 |
| **27-0000** | **ARTS, DESIGN, ENTERTAINMENT, SPORTS, AND MEDIA OCCUPATIONS** | **16,065** | **16,444** | **379** | **2.36%** | **235** | **390** | **625** |  |  |  |
| ***27-1000*** | ***Art and Design Workers*** | ***3,515*** | ***3,547*** | ***32*** | ***0.91%*** | ***30*** | ***80*** | ***110*** |  |  |  |
| 27-1011 | Art Directors | 243 | 243 | 0 | 0.00% | 0 | 4 | 4 | 3 | 1 | 6 |
| 27-1013 | Fine Artists, Including Painters, Sculptors, and Illustrators | 165 | 171 | 6 | 3.64% | 3 | 3 | 6 | 3 | 3 | 3 |
| 27-1014 | Multimedia Artists and Animators | 151 | 154 | 3 | 1.99% | 2 | 3 | 5 | 3 | 3 | 4 |
| 27-1019 | Artists and Related Workers, All Other | 23 | 23 | 0 | 0.00% | 0 | 0 | 0 | 8 | 3 | 3 |
| 27-1021 | Commercial and Industrial Designers | 112 | 117 | 5 | 4.46% | 2 | 2 | 4 | 3 | 3 | 6 |
| 27-1023 | Floral Designers | 425 | 428 | 3 | 0.71% | 2 | 10 | 12 | 7 | 3 | 4 |
| 27-1024 | Graphic Designers | 1,279 | 1,258 | -21 | -1.64% | 0 | 30 | 30 | 3 | 3 | 6 |
| 27-1025 | Interior Designers | 253 | 250 | -3 | -1.19% | 0 | 6 | 6 | 3 | 3 | 6 |
| 27-1026 | Merchandise Displayers and Window Trimmers | 568 | 586 | 18 | 3.17% | 9 | 14 | 23 | 7 | 3 | 4 |
| ***27-2000*** | ***Entertainers and Performers, Sports and Related Workers*** | ***6,568*** | ***6,846*** | ***278*** | ***4.23%*** | ***142*** | ***194*** | ***336*** |  |  |  |
| 27-2012 | Producers and Directors | 359 | 366 | 7 | 1.95% | 4 | 11 | 15 | 3 | 2 | 6 |
| 27-2021 | Athletes and Sports Competitors | 177 | 187 | 10 | 5.65% | 5 | 6 | 11 | 8 | 3 | 3 |
| 27-2022 | Coaches and Scouts | 1,896 | 1,962 | 66 | 3.48% | 33 | 64 | 97 | 3 | 3 | 6 |
| 27-2041 | Music Directors and Composers | 1,823 | 1,915 | 92 | 5.05% | 46 | 50 | 96 | 3 | 2 | 6 |
| 27-2099 | Entertainers and Performers, Sports and Related Workers, All Other | 25 | 25 | 0 | 0.00% | 0 | 1 | 1 | 8 | 3 | 5 |
| ***27-3000*** | ***Media and Communication Workers*** | ***4,337*** | ***4,368*** | ***31*** | ***0.71%*** | ***44*** | ***84*** | ***128*** |  |  |  |
| 27-3011 | Radio and Television Announcers | 340 | 332 | -8 | -2.35% | 0 | 9 | 9 | 3 | 3 | 5 |
| 27-3021 | Broadcast News Analysts | 46 | 46 | 0 | 0.00% | 0 | 2 | 2 | 3 | 3 | 6 |
| 27-3022 | Reporters and Correspondents | 472 | 449 | -23 | -4.87% | 0 | 16 | 16 | 3 | 3 | 6 |
| 27-3031 | Public Relations Specialists | 1,818 | 1,866 | 48 | 2.64% | 24 | 19 | 43 | 3 | 3 | 6 |
| 27-3041 | Editors | 623 | 598 | -25 | -4.01% | 0 | 22 | 22 | 3 | 2 | 6 |
| 27-3042 | Technical Writers | 196 | 200 | 4 | 2.04% | 2 | 4 | 6 | 3 | 2 | 5 |
| 27-3043 | Writers and Authors | 559 | 575 | 16 | 2.86% | 8 | 8 | 16 | 3 | 3 | 4 |
| 27-3091 | Interpreters and Translators | 209 | 225 | 16 | 7.66% | 8 | 2 | 10 | 3 | 3 | 5 |
| ***27-4000*** | ***Media and Communication Equipment Workers*** | ***1,645*** | ***1,683*** | ***38*** | ***2.31%*** | ***20*** | ***32*** | ***52*** |  |  |  |
| 27-4011 | Audio and Video Equipment Technicians | 241 | 248 | 7 | 2.90% | 4 | 4 | 8 | 5 | 3 | 5 |
| 27-4012 | Broadcast Technicians | 131 | 131 | 0 | 0.00% | 0 | 2 | 2 | 4 | 3 | 5 |
| 27-4014 | Sound Engineering Technicians | 42 | 42 | 0 | 0.00% | 0 | 0 | 0 | 5 | 3 | 5 |
| 27-4021 | Photographers | 956 | 978 | 22 | 2.30% | 11 | 23 | 34 | 7 | 3 | 3 |
| 27-4031 | Camera Operators, Television, Video, and Motion Picture | 99 | 101 | 2 | 2.02% | 1 | 0 | 1 | 3 | 3 | 6 |
| 27-4032 | Film and Video Editors | 138 | 146 | 8 | 5.80% | 4 | 1 | 5 | 3 | 3 | 6 |
| **29-0000** | **HEALTHCARE PRACTITIONERS AND TECHNICAL OCCUPATIONS** | **77,976** | **80,781** | **2,805** | **3.60%** | **1,410** | **1,629** | **3,039** |  |  |  |
| ***29-1000*** | ***Health Diagnosing and Treating Practitioners*** | ***45,372*** | ***47,112*** | ***1,740*** | ***3.83%*** | ***870*** | ***995*** | ***1,865*** |  |  |  |
| 29-1011 | Chiropractors | 536 | 554 | 18 | 3.36% | 9 | 10 | 19 | 1 | 3 | 6 |
| 29-1021 | Dentists, General | 977 | 1,019 | 42 | 4.30% | 21 | 16 | 37 | 1 | 3 | 6 |
| 29-1029 | Dentists, All Other Specialists | 39 | 38 | -1 | -2.56% | 0 | 0 | 0 | 1 | 3 | 2 |
| 29-1031 | Dietitians and Nutritionists | 592 | 615 | 23 | 3.89% | 12 | 4 | 16 | 3 | 3 | 2 |
| 29-1041 | Optometrists | 451 | 475 | 24 | 5.32% | 12 | 15 | 27 | 1 | 3 | 6 |
| 29-1051 | Pharmacists | 3,353 | 3,459 | 106 | 3.16% | 53 | 72 | 125 | 1 | 3 | 6 |
| 29-1061 | Anesthesiologists | 192 | 203 | 11 | 5.73% | 6 | 5 | 11 | 1 | 3 | 2 |
| 29-1062 | Family and General Practitioners | 1,782 | 1,845 | 63 | 3.54% | 32 | 46 | 78 | 1 | 3 | 2 |
| 29-1063 | Internists, General | 364 | 376 | 12 | 3.30% | 6 | 10 | 16 | 1 | 3 | 2 |
| 29-1064 | Obstetricians and Gynecologists | 144 | 152 | 8 | 5.56% | 4 | 4 | 8 | 1 | 3 | 2 |
| 29-1065 | Pediatricians, General | 184 | 191 | 7 | 3.80% | 4 | 4 | 8 | 1 | 3 | 2 |
| 29-1066 | Psychiatrists | 360 | 376 | 16 | 4.44% | 8 | 10 | 18 | 1 | 3 | 2 |
| 29-1067 | Surgeons | 639 | 676 | 37 | 5.79% | 18 | 16 | 34 | 1 | 3 | 2 |
| 29-1069 | Physicians and Surgeons, All Other | 2,733 | 2,828 | 95 | 3.48% | 48 | 70 | 118 | 1 | 3 | 2 |
| 29-1071 | Physician Assistants | 417 | 450 | 33 | 7.91% | 16 | 8 | 24 | 2 | 3 | 6 |
| 29-1081 | Podiatrists | 69 | 70 | 1 | 1.45% | 0 | 1 | 1 | 1 | 3 | 2 |
| 29-1122 | Occupational Therapists | 970 | 1,021 | 51 | 5.26% | 26 | 14 | 40 | 2 | 3 | 6 |
| 29-1123 | Physical Therapists | 2,069 | 2,193 | 124 | 5.99% | 62 | 50 | 112 | 1 | 3 | 6 |
| 29-1124 | Radiation Therapists | 230 | 242 | 12 | 5.22% | 6 | 5 | 11 | 4 | 3 | 6 |
| 29-1125 | Recreational Therapists | 109 | 111 | 2 | 1.83% | 1 | 2 | 3 | 3 | 3 | 6 |
| 29-1126 | Respiratory Therapists | 1,094 | 1,124 | 30 | 2.74% | 15 | 22 | 37 | 4 | 3 | 6 |
| 29-1127 | Speech-Language Pathologists | 1,892 | 1,997 | 105 | 5.55% | 52 | 44 | 96 | 2 | 3 | 6 |
| 29-1128 | Exercise Physiologists | 103 | 106 | 3 | 2.91% | 2 | 0 | 2 | 3 | 3 | 6 |
| 29-1129 | Therapists, All Other | 73 | 75 | 2 | 2.74% | 1 | 0 | 1 | 3 | 3 | 6 |
| 29-1131 | Veterinarians | 673 | 707 | 34 | 5.05% | 17 | 8 | 25 | 1 | 3 | 6 |
| 29-1141 | Registered Nurses | 23,040 | 23,777 | 737 | 3.20% | 368 | 508 | 876 | 3 | 3 | 6 |
| 29-1151 | Nurse Anesthetists | 538 | 567 | 29 | 5.39% | 14 | 12 | 26 | 2 | 3 | 6 |
| 29-1171 | Nurse Practitioners | 1,424 | 1,532 | 108 | 7.58% | 54 | 32 | 86 | 2 | 3 | 6 |
| 29-1181 | Audiologists | 36 | 37 | 1 | 2.78% | 0 | 1 | 1 | 1 | 3 | 6 |
| 29-1199 | Health Diagnosing and Treating Practitioners, All Other | 194 | 197 | 3 | 1.55% | 2 | 4 | 6 | 2 | 3 | 6 |
| ***29-2000*** | ***Health Technologists and Technicians*** | ***31,394*** | ***32,422*** | ***1,028*** | ***3.27%*** | ***522*** | ***616*** | ***1,138*** |  |  |  |
| 29-2011 | Medical and Clinical Laboratory Technologists | 1,100 | 1,132 | 32 | 2.91% | 16 | 27 | 43 | 3 | 3 | 6 |
| 29-2012 | Medical and Clinical Laboratory Technicians | 1,578 | 1,631 | 53 | 3.36% | 26 | 38 | 64 | 4 | 3 | 6 |
| 29-2021 | Dental Hygienists | 1,422 | 1,479 | 57 | 4.01% | 28 | 20 | 48 | 4 | 3 | 6 |
| 29-2031 | Cardiovascular Technologists and Technicians | 577 | 602 | 25 | 4.33% | 12 | 9 | 21 | 4 | 3 | 6 |
| 29-2032 | Diagnostic Medical Sonographers | 374 | 393 | 19 | 5.08% | 10 | 6 | 16 | 4 | 3 | 6 |
| 29-2033 | Nuclear Medicine Technologists | 131 | 132 | 1 | 0.76% | 0 | 2 | 2 | 4 | 3 | 6 |
| 29-2034 | Radiologic Technologists | 1,906 | 1,950 | 44 | 2.31% | 22 | 30 | 52 | 4 | 3 | 6 |
| 29-2035 | Magnetic Resonance Imaging Technologists | 297 | 305 | 8 | 2.69% | 4 | 4 | 8 | 4 | 2 | 6 |
| 29-2041 | Emergency Medical Technicians and Paramedics | 2,319 | 2,448 | 129 | 5.56% | 64 | 34 | 98 | 5 | 3 | 6 |
| 29-2051 | Dietetic Technicians | 180 | 187 | 7 | 3.89% | 4 | 2 | 6 | 4 | 3 | 6 |
| 29-2052 | Pharmacy Technicians | 3,649 | 3,829 | 180 | 4.93% | 90 | 30 | 120 | 7 | 3 | 4 |
| 29-2053 | Psychiatric Technicians | 723 | 713 | -10 | -1.38% | 0 | 6 | 6 | 5 | 2 | 5 |
| 29-2054 | Respiratory Therapy Technicians | 274 | 269 | -5 | -1.82% | 0 | 2 | 2 | 4 | 3 | 6 |
| 29-2055 | Surgical Technologists | 920 | 947 | 27 | 2.93% | 14 | 8 | 22 | 5 | 3 | 6 |
| 29-2056 | Veterinary Technologists and Technicians | 307 | 327 | 20 | 6.51% | 10 | 2 | 12 | 4 | 3 | 6 |
| 29-2057 | Ophthalmic Medical Technicians | 385 | 404 | 19 | 4.94% | 10 | 3 | 13 | 5 | 3 | 6 |
| 29-2061 | Licensed Practical and Licensed Vocational Nurses | 12,057 | 12,341 | 284 | 2.36% | 142 | 338 | 480 | 5 | 3 | 6 |
| 29-2071 | Medical Records and Health Information Technicians | 1,908 | 1,984 | 76 | 3.98% | 38 | 38 | 76 | 5 | 3 | 6 |
| 29-2081 | Opticians, Dispensing | 487 | 509 | 22 | 4.52% | 11 | 12 | 23 | 7 | 3 | 3 |
| 29-2099 | Health Technologists and Technicians, All Other | 702 | 735 | 33 | 4.70% | 16 | 6 | 22 | 7 | 3 | 6 |
| ***29-9000*** | ***Other Healthcare Practitioners and Technical Occupations*** | ***1,210*** | ***1,247*** | ***37*** | ***3.06%*** | ***18*** | ***18*** | ***36*** |  |  |  |
| 29-9011 | Occupational Health and Safety Specialists | 531 | 540 | 9 | 1.69% | 4 | 8 | 12 | 3 | 3 | 6 |
| 29-9091 | Athletic Trainers | 220 | 233 | 13 | 5.91% | 6 | 4 | 10 | 3 | 3 | 6 |
| 29-9099 | Healthcare Practitioners and Technical Workers, All Other | 281 | 288 | 7 | 2.49% | 4 | 4 | 8 | 5 | 3 | 6 |
| **31-0000** | **HEALTHCARE SUPPORT OCCUPATIONS** | **38,051** | **39,393** | **1,342** | **3.53%** | **672** | **802** | **1,474** |  |  |  |
| ***31-1000*** | ***Nursing, Psychiatric, and Home Health Aides*** | ***26,536*** | ***27,328*** | ***792*** | ***2.98%*** | ***396*** | ***560*** | ***956*** |  |  |  |
| 31-1011 | Home Health Aides | 7,485 | 7,776 | 291 | 3.89% | 146 | 158 | 304 | 8 | 3 | 5 |
| 31-1014 | Nursing Assistants | 18,667 | 19,151 | 484 | 2.59% | 242 | 394 | 636 | 5 | 3 | 6 |
| ***31-2000*** | ***Occupational Therapy and Physical Therapist Assistants and Aides*** | ***1,647*** | ***1,753*** | ***106*** | ***6.44%*** | ***53*** | ***44*** | ***97*** |  |  |  |
| 31-2011 | Occupational Therapy Assistants | 211 | 227 | 16 | 7.58% | 8 | 6 | 14 | 4 | 3 | 6 |
| 31-2012 | Occupational Therapy Aides | 51 | 54 | 3 | 5.88% | 2 | 2 | 4 | 7 | 3 | 5 |
| 31-2021 | Physical Therapist Assistants | 1,039 | 1,101 | 62 | 5.97% | 31 | 28 | 59 | 4 | 3 | 6 |
| 31-2022 | Physical Therapist Aides | 346 | 371 | 25 | 7.23% | 12 | 10 | 22 | 7 | 3 | 5 |
| ***31-9000*** | ***Other Healthcare Support Occupations*** | ***9,868*** | ***10,312*** | ***444*** | ***4.50%*** | ***222*** | ***197*** | ***419*** |  |  |  |
| 31-9011 | Massage Therapists | 504 | 531 | 27 | 5.36% | 14 | 3 | 17 | 5 | 3 | 6 |
| 31-9091 | Dental Assistants | 2,540 | 2,645 | 105 | 4.13% | 52 | 62 | 114 | 5 | 3 | 6 |
| 31-9092 | Medical Assistants | 3,008 | 3,181 | 173 | 5.75% | 86 | 58 | 144 | 5 | 3 | 6 |
| 31-9094 | Medical Transcriptionists | 750 | 749 | -1 | -0.13% | 0 | 14 | 14 | 5 | 3 | 6 |
| 31-9095 | Pharmacy Aides | 550 | 568 | 18 | 3.27% | 9 | 10 | 19 | 7 | 3 | 5 |
| 31-9096 | Veterinary Assistants and Laboratory Animal Caretakers | 795 | 837 | 42 | 5.28% | 21 | 16 | 37 | 7 | 3 | 5 |
| 31-9097 | Phlebotomists | 909 | 964 | 55 | 6.05% | 28 | 18 | 46 | 5 | 3 | 6 |
| **33-0000** | **PROTECTIVE SERVICE OCCUPATIONS** | **25,899** | **26,419** | **520** | **2.01%** | **262** | **640** | **902** |  |  |  |
| ***33-1000*** | ***Supervisors of Protective Service Workers*** | ***2,905*** | ***2,961*** | ***56*** | ***1.93%*** | ***28*** | ***96*** | ***124*** |  |  |  |
| 33-1011 | First-Line Supervisors of Correctional Officers | 323 | 329 | 6 | 1.86% | 3 | 8 | 11 | 7 | 2 | 4 |
| 33-1012 | First-Line Supervisors of Police and Detectives | 1,328 | 1,355 | 27 | 2.03% | 14 | 44 | 58 | 7 | 2 | 4 |
| 33-1021 | First-Line Supervisors of Fire Fighting and Prevention Workers | 751 | 765 | 14 | 1.86% | 7 | 31 | 38 | 5 | 2 | 4 |
| 33-1099 | First-Line Supervisors of Protective Service Workers, All Other | 503 | 512 | 9 | 1.79% | 4 | 12 | 16 | 7 | 2 | 6 |
| ***33-2000*** | ***Fire Fighting and Prevention Workers*** | ***2,743*** | ***2,798*** | ***55*** | ***2.01%*** | ***28*** | ***76*** | ***104*** |  |  |  |
| 33-2011 | Firefighters | 2,531 | 2,579 | 48 | 1.90% | 24 | 70 | 94 | 5 | 3 | 3 |
| 33-2021 | Fire Inspectors and Investigators | 40 | 41 | 1 | 2.50% | 0 | 1 | 1 | 5 | 1 | 4 |
| 33-2022 | Forest Fire Inspectors and Prevention Specialists | 172 | 178 | 6 | 3.49% | 3 | 5 | 8 | 7 | 2 | 4 |
| ***33-3000*** | ***Law Enforcement Workers*** | ***12,058*** | ***12,265*** | ***207*** | ***1.72%*** | ***104*** | ***358*** | ***462*** |  |  |  |
| 33-3011 | Bailiffs | 101 | 103 | 2 | 1.98% | 1 | 3 | 4 | 7 | 3 | 4 |
| 33-3012 | Correctional Officers and Jailers | 5,343 | 5,428 | 85 | 1.59% | 42 | 148 | 190 | 7 | 3 | 4 |
| 33-3021 | Detectives and Criminal Investigators | 490 | 495 | 5 | 1.02% | 2 | 10 | 12 | 7 | 2 | 4 |
| 33-3031 | Fish and Game Wardens | 180 | 183 | 3 | 1.67% | 2 | 6 | 8 | 3 | 3 | 4 |
| 33-3051 | Police and Sheriff's Patrol Officers | 5,900 | 6,014 | 114 | 1.93% | 57 | 190 | 247 | 7 | 3 | 4 |
| ***33-9000*** | ***Other Protective Service Workers*** | ***8,193*** | ***8,395*** | ***202*** | ***2.47%*** | ***102*** | ***110*** | ***212*** |  |  |  |
| 33-9011 | Animal Control Workers | 189 | 193 | 4 | 2.12% | 2 | 4 | 6 | 7 | 3 | 4 |
| 33-9021 | Private Detectives and Investigators | 174 | 177 | 3 | 1.72% | 2 | 4 | 6 | 7 | 2 | 4 |
| 33-9032 | Security Guards | 6,399 | 6,554 | 155 | 2.42% | 78 | 82 | 160 | 7 | 3 | 5 |
| 33-9091 | Crossing Guards | 135 | 139 | 4 | 2.96% | 2 | 2 | 4 | 8 | 3 | 5 |
| 33-9092 | Lifeguards, Ski Patrol, and Other Recreational Protective Service Workers | 544 | 557 | 13 | 2.39% | 6 | 7 | 13 | 8 | 3 | 5 |
| 33-9099 | Protective Service Workers, All Other | 538 | 560 | 22 | 4.09% | 11 | 7 | 18 | 7 | 3 | 5 |
| **35-0000** | **FOOD PREPARATION AND SERVING RELATED OCCUPATIONS** | **103,352** | **108,212** | **4,860** | **4.70%** | **2,430** | **4,087** | **6,517** |  |  |  |
| ***35-1000*** | ***Supervisors of Food Preparation and Serving Workers*** | ***10,060*** | ***10,616*** | ***556*** | ***5.53%*** | ***278*** | ***308*** | ***586*** |  |  |  |
| 35-1011 | Chefs and Head Cooks | 717 | 755 | 38 | 5.30% | 19 | 10 | 29 | 7 | 1 | 6 |
| 35-1012 | First-Line Supervisors of Food Preparation and Serving Workers | 9,343 | 9,861 | 518 | 5.54% | 259 | 298 | 557 | 7 | 2 | 6 |
| ***35-2000*** | ***Cooks and Food Preparation Workers*** | ***34,052*** | ***35,334*** | ***1,282*** | ***3.76%*** | ***641*** | ***950*** | ***1,591*** |  |  |  |
| 35-2011 | Cooks, Fast Food | 8,634 | 8,708 | 74 | 0.86% | 37 | 232 | 269 | 8 | 3 | 5 |
| 35-2012 | Cooks, Institution and Cafeteria | 7,106 | 7,273 | 167 | 2.35% | 84 | 192 | 276 | 8 | 3 | 5 |
| 35-2013 | Cooks, Private Household | 158 | 161 | 3 | 1.90% | 2 | 4 | 6 | 5 | 2 | 6 |
| 35-2014 | Cooks, Restaurant | 9,349 | 9,997 | 648 | 6.93% | 324 | 252 | 576 | 8 | 2 | 4 |
| 35-2015 | Cooks, Short Order | 865 | 891 | 26 | 3.01% | 13 | 24 | 37 | 8 | 3 | 5 |
| 35-2019 | Cooks, All Other | 121 | 127 | 6 | 4.96% | 3 | 4 | 7 | 8 | 3 | 4 |
| 35-2021 | Food Preparation Workers | 7,819 | 8,177 | 358 | 4.58% | 179 | 242 | 421 | 8 | 3 | 5 |
| ***35-3000*** | ***Food and Beverage Serving Workers*** | ***52,160*** | ***54,911*** | ***2,751*** | ***5.27%*** | ***1,376*** | ***2,340*** | ***3,716*** |  |  |  |
| 35-3011 | Bartenders | 2,116 | 2,235 | 119 | 5.62% | 60 | 78 | 138 | 8 | 3 | 5 |
| 35-3021 | Combined Food Preparation and Serving Workers, Including Fast Food | 27,172 | 28,833 | 1,661 | 6.11% | 830 | 1,058 | 1,888 | 8 | 3 | 5 |
| 35-3022 | Counter Attendants, Cafeteria, Food Concession, and Coffee Shop | 1,680 | 1,756 | 76 | 4.52% | 38 | 156 | 194 | 8 | 3 | 5 |
| 35-3031 | Waiters and Waitresses | 19,107 | 19,940 | 833 | 4.36% | 416 | 998 | 1,414 | 8 | 3 | 5 |
| 35-3041 | Food Servers, Nonrestaurant | 2,085 | 2,147 | 62 | 2.97% | 31 | 49 | 80 | 8 | 3 | 5 |
| ***35-9000*** | ***Other Food Preparation and Serving Related Workers*** | ***7,080*** | ***7,351*** | ***271*** | ***3.83%*** | ***136*** | ***489*** | ***625*** |  |  |  |
| 35-9021 | Dishwashers | 3,471 | 3,566 | 95 | 2.74% | 48 | 192 | 240 | 8 | 3 | 5 |
| 35-9031 | Hosts and Hostesses, Restaurant, Lounge, and Coffee Shop | 1,922 | 2,016 | 94 | 4.89% | 47 | 190 | 237 | 8 | 3 | 6 |
| **37-0000** | **BUILDING AND GROUNDS CLEANING AND MAINTENANCE OCCUPATIONS** | **43,109** | **44,445** | **1,336** | **3.10%** | **668** | **810** | **1,478** |  |  |  |
| ***37-1000*** | ***Supervisors of Building and Grounds Cleaning and Maintenance Workers*** | ***4,288*** | ***4,422*** | ***134*** | ***3.13%*** | ***67*** | ***64*** | ***131*** |  |  |  |
| 37-1011 | First-Line Supervisors of Housekeeping and Janitorial Workers | 2,370 | 2,441 | 71 | 3.00% | 36 | 36 | 72 | 7 | 2 | 6 |
| 37-1012 | First-Line Supervisors of Landscaping, Lawn Service, and Groundskeeping Workers | 1,918 | 1,981 | 63 | 3.28% | 32 | 28 | 60 | 7 | 2 | 6 |
| ***37-2000*** | ***Building Cleaning and Pest Control Workers*** | ***30,174*** | ***31,059*** | ***885*** | ***2.93%*** | ***442*** | ***594*** | ***1,036*** |  |  |  |
| 37-2011 | Janitors and Cleaners, Except Maids and Housekeeping Cleaners | 19,172 | 19,853 | 681 | 3.55% | 340 | 345 | 685 | 8 | 3 | 5 |
| 37-2012 | Maids and Housekeeping Cleaners | 9,828 | 9,995 | 167 | 1.70% | 84 | 222 | 306 | 8 | 3 | 5 |
| ***37-3000*** | ***Grounds Maintenance Workers*** | ***8,647*** | ***8,964*** | ***317*** | ***3.67%*** | ***158*** | ***152*** | ***310*** |  |  |  |
| 37-3011 | Landscaping and Groundskeeping Workers | 7,152 | 7,435 | 283 | 3.96% | 142 | 126 | 268 | 8 | 3 | 5 |
| 37-3013 | Tree Trimmers and Pruners | 820 | 840 | 20 | 2.44% | 10 | 14 | 24 | 7 | 3 | 5 |
| **39-0000** | **PERSONAL CARE AND SERVICE OCCUPATIONS** | **47,444** | **49,307** | **1,863** | **3.93%** | **936** | **954** | **1,890** |  |  |  |
| ***39-1000*** | ***Supervisors of Personal Care and Service Workers*** | ***1,933*** | ***2,006*** | ***73*** | ***3.78%*** | ***36*** | ***34*** | ***70*** |  |  |  |
| 39-1011 | Gaming Supervisors | 94 | 99 | 5 | 5.32% | 2 | 3 | 5 | 7 | 2 | 6 |
| 39-1021 | First-Line Supervisors of Personal Service Workers | 1,839 | 1,907 | 68 | 3.70% | 34 | 32 | 66 | 7 | 2 | 6 |
| ***39-2000*** | ***Animal Care and Service Workers*** | ***2,869*** | ***3,032*** | ***163*** | ***5.68%*** | ***82*** | ***66*** | ***148*** |  |  |  |
| 39-2011 | Animal Trainers | 819 | 845 | 26 | 3.17% | 13 | 29 | 42 | 7 | 3 | 4 |
| 39-2021 | Nonfarm Animal Caretakers | 2,050 | 2,187 | 137 | 6.68% | 68 | 37 | 105 | 7 | 3 | 5 |
| ***39-3000*** | ***Entertainment Attendants and Related Workers*** | ***1,998*** | ***2,069*** | ***71*** | ***3.55%*** | ***36*** | ***107*** | ***143*** |  |  |  |
| 39-3021 | Motion Picture Projectionists | 147 | 146 | -1 | -0.68% | 0 | 6 | 6 | 8 | 3 | 5 |
| 39-3031 | Ushers, Lobby Attendants, and Ticket Takers | 470 | 489 | 19 | 4.04% | 10 | 36 | 46 | 8 | 3 | 5 |
| 39-3091 | Amusement and Recreation Attendants | 1,051 | 1,087 | 36 | 3.43% | 18 | 52 | 70 | 8 | 3 | 5 |
| ***39-4000*** | ***Funeral Service Workers*** | ***892*** | ***915*** | ***23*** | ***2.58%*** | ***12*** | ***19*** | ***31*** |  |  |  |
| 39-4011 | Embalmers | 88 | 89 | 1 | 1.14% | 0 | 2 | 2 | 5 | 3 | 5 |
| 39-4021 | Funeral Attendants | 411 | 419 | 8 | 1.95% | 4 | 9 | 13 | 7 | 3 | 5 |
| 39-4031 | Morticians, Undertakers, and Funeral Directors | 393 | 407 | 14 | 3.56% | 7 | 8 | 15 | 4 | 3 | 3 |
| ***39-5000*** | ***Personal Appearance Workers*** | ***3,765*** | ***3,907*** | ***142*** | ***3.77%*** | ***71*** | ***87*** | ***158*** |  |  |  |
| 39-5012 | Hairdressers, Hairstylists, and Cosmetologists | 3,399 | 3,527 | 128 | 3.77% | 64 | 85 | 149 | 5 | 3 | 6 |
| 39-5092 | Manicurists and Pedicurists | 255 | 265 | 10 | 3.92% | 5 | 2 | 7 | 5 | 3 | 6 |
| 39-5094 | Skincare Specialists | 105 | 109 | 4 | 3.81% | 2 | 0 | 2 | 5 | 3 | 6 |
| ***39-6000*** | ***Baggage Porters, Bellhops, and Concierges*** | ***188*** | ***180*** | ***-8*** | ***-4.26%*** | ***0*** | ***4*** | ***4*** |  |  |  |
| 39-6011 | Baggage Porters and Bellhops | 163 | 154 | -9 | -5.52% | 0 | 3 | 3 | 7 | 3 | 5 |
| 39-6012 | Concierges | 25 | 26 | 1 | 4.00% | 0 | 0 | 0 | 7 | 3 | 4 |
| ***39-7000*** | ***Tour and Travel Guides*** | ***210*** | ***223*** | ***13*** | ***6.19%*** | ***6*** | ***8*** | ***14*** |  |  |  |
| ***39-9000*** | ***Other Personal Care and Service Workers*** | ***35,589*** | ***36,975*** | ***1,386*** | ***3.89%*** | ***693*** | ***629*** | ***1,322*** |  |  |  |
| 39-9011 | Childcare Workers | 13,945 | 14,311 | 366 | 2.62% | 183 | 426 | 609 | 7 | 3 | 5 |
| 39-9021 | Personal Care Aides | 17,186 | 18,051 | 865 | 5.03% | 432 | 110 | 542 | 8 | 3 | 5 |
| 39-9031 | Fitness Trainers and Aerobics Instructors | 1,349 | 1,427 | 78 | 5.78% | 39 | 24 | 63 | 7 | 3 | 5 |
| 39-9032 | Recreation Workers | 1,916 | 1,966 | 50 | 2.61% | 25 | 34 | 59 | 7 | 3 | 5 |
| 39-9041 | Residential Advisors | 893 | 908 | 15 | 1.68% | 8 | 30 | 38 | 7 | 3 | 5 |
| 39-9099 | Personal Care and Service Workers, All Other | 300 | 312 | 12 | 4.00% | 6 | 7 | 13 | 7 | 3 | 5 |
| **41-0000** | **SALES AND RELATED OCCUPATIONS** | **138,191** | **142,558** | **4,367** | **3.16%** | **2,210** | **4,568** | **6,778** |  |  |  |
| ***41-1000*** | ***Supervisors of Sales Workers*** | ***21,572*** | ***22,202*** | ***630*** | ***2.92%*** | ***315*** | ***445*** | ***760*** |  |  |  |
| 41-1011 | First-Line Supervisors of Retail Sales Workers | 17,472 | 18,012 | 540 | 3.09% | 270 | 397 | 667 | 7 | 2 | 6 |
| 41-1012 | First-Line Supervisors of Non-Retail Sales Workers | 4,100 | 4,190 | 90 | 2.20% | 45 | 48 | 93 | 7 | 2 | 6 |
| ***41-2000*** | ***Retail Sales Workers*** | ***80,648*** | ***83,542*** | ***2,894*** | ***3.59%*** | ***1,447*** | ***3,384*** | ***4,831*** |  |  |  |
| 41-2011 | Cashiers | 34,387 | 35,526 | 1,139 | 3.31% | 570 | 1,742 | 2,312 | 8 | 3 | 5 |
| 41-2021 | Counter and Rental Clerks | 3,288 | 3,385 | 97 | 2.95% | 48 | 86 | 134 | 8 | 3 | 5 |
| 41-2031 | Retail Salespersons | 39,797 | 41,332 | 1,535 | 3.86% | 768 | 1,488 | 2,256 | 8 | 3 | 5 |
| ***41-3000*** | ***Sales Representatives, Services*** | ***12,148*** | ***12,463*** | ***315*** | ***2.59%*** | ***158*** | ***286*** | ***444*** |  |  |  |
| 41-3011 | Advertising Sales Agents | 1,155 | 1,153 | -2 | -0.17% | 0 | 32 | 32 | 7 | 3 | 4 |
| 41-3021 | Insurance Sales Agents | 5,445 | 5,665 | 220 | 4.04% | 110 | 140 | 250 | 7 | 3 | 4 |
| 41-3031 | Securities, Commodities, and Financial Services Sales Agents | 1,295 | 1,303 | 8 | 0.62% | 4 | 24 | 28 | 3 | 3 | 4 |
| 41-3041 | Travel Agents | 218 | 220 | 2 | 0.92% | 1 | 4 | 5 | 7 | 3 | 4 |
| 41-3099 | Sales Representatives, Services, All Other | 4,035 | 4,122 | 87 | 2.16% | 44 | 86 | 130 | 7 | 3 | 4 |
| ***41-4000*** | ***Sales Representatives, Wholesale and Manufacturing*** | ***16,252*** | ***16,577*** | ***325*** | ***2.00%*** | ***168*** | ***326*** | ***494*** |  |  |  |
| 41-4011 | Sales Representatives, Wholesale and Manufacturing, Technical and Scientific Products | 2,310 | 2,299 | -11 | -0.48% | 0 | 46 | 46 | 3 | 3 | 4 |
| 41-4012 | Sales Representatives, Wholesale and Manufacturing, Except Technical and Scientific Products | 13,942 | 14,278 | 336 | 2.41% | 168 | 280 | 448 | 7 | 3 | 4 |
| ***41-9000*** | ***Other Sales and Related Workers*** | ***7,571*** | ***7,774*** | ***203*** | ***2.68%*** | ***121*** | ***128*** | ***249*** |  |  |  |
| 41-9021 | Real Estate Brokers | 157 | 165 | 8 | 5.10% | 4 | 1 | 5 | 7 | 2 | 6 |
| 41-9022 | Real Estate Sales Agents | 2,521 | 2,631 | 110 | 4.36% | 55 | 18 | 73 | 7 | 3 | 4 |
| 41-9031 | Sales Engineers | 137 | 137 | 0 | 0.00% | 0 | 4 | 4 | 3 | 3 | 4 |
| 41-9041 | Telemarketers | 1,633 | 1,594 | -39 | -2.39% | 0 | 36 | 36 | 8 | 3 | 5 |
| 41-9091 | Door-to-Door Sales Workers, News and Street Vendors, and Related Workers | 567 | 572 | 5 | 0.88% | 2 | 5 | 7 | 8 | 3 | 5 |
| 41-9099 | Sales and Related Workers, All Other | 823 | 852 | 29 | 3.52% | 14 | 10 | 24 | 7 | 3 | 6 |
| **43-0000** | **OFFICE AND ADMINISTRATIVE SUPPORT OCCUPATIONS** | **187,489** | **191,794** | **4,305** | **2.30%** | **2,196** | **3,864** | **6,060** |  |  |  |
| ***43-1000*** | ***Supervisors of Office and Administrative Support Workers*** | ***15,284*** | ***15,783*** | ***499*** | ***3.26%*** | ***250*** | ***240*** | ***490*** |  |  |  |
| 43-1011 | First-Line Supervisors of Office and Administrative Support Workers | 15,284 | 15,783 | 499 | 3.26% | 250 | 240 | 490 | 7 | 2 | 6 |
| ***43-2000*** | ***Communications Equipment Operators*** | ***761*** | ***729*** | ***-32*** | ***-4.20%*** | ***0*** | ***11*** | ***11*** |  |  |  |
| 43-2011 | Switchboard Operators, Including Answering Service | 738 | 707 | -31 | -4.20% | 0 | 10 | 10 | 7 | 3 | 5 |
| ***43-3000*** | ***Financial Clerks*** | ***27,829*** | ***28,179*** | ***350*** | ***1.26%*** | ***175*** | ***596*** | ***771*** |  |  |  |
| 43-3011 | Bill and Account Collectors | 1,875 | 1,896 | 21 | 1.12% | 10 | 46 | 56 | 7 | 3 | 4 |
| 43-3021 | Billing and Posting Clerks | 4,023 | 4,184 | 161 | 4.00% | 80 | 76 | 156 | 7 | 3 | 4 |
| 43-3031 | Bookkeeping, Accounting, and Auditing Clerks | 13,241 | 13,304 | 63 | 0.48% | 32 | 129 | 161 | 6 | 3 | 4 |
| 43-3051 | Payroll and Timekeeping Clerks | 1,509 | 1,525 | 16 | 1.06% | 8 | 38 | 46 | 7 | 3 | 4 |
| 43-3061 | Procurement Clerks | 605 | 607 | 2 | 0.33% | 1 | 20 | 21 | 7 | 3 | 4 |
| 43-3071 | Tellers | 6,496 | 6,578 | 82 | 1.26% | 41 | 286 | 327 | 7 | 3 | 5 |
| ***43-4000*** | ***Information and Record Clerks*** | ***40,178*** | ***41,196*** | ***1,018*** | ***2.53%*** | ***510*** | ***971*** | ***1,481*** |  |  |  |
| 43-4011 | Brokerage Clerks | 228 | 226 | -2 | -0.88% | 0 | 6 | 6 | 7 | 3 | 4 |
| 43-4021 | Correspondence Clerks | 147 | 146 | -1 | -0.68% | 0 | 4 | 4 | 7 | 3 | 5 |
| 43-4031 | Court, Municipal, and License Clerks | 1,162 | 1,184 | 22 | 1.89% | 11 | 8 | 19 | 7 | 3 | 4 |
| 43-4041 | Credit Authorizers, Checkers, and Clerks | 115 | 118 | 3 | 2.61% | 2 | 1 | 3 | 7 | 3 | 4 |
| 43-4051 | Customer Service Representatives | 18,936 | 19,438 | 502 | 2.65% | 251 | 440 | 691 | 7 | 3 | 5 |
| 43-4061 | Eligibility Interviewers, Government Programs | 1,732 | 1,758 | 26 | 1.50% | 13 | 15 | 28 | 7 | 3 | 4 |
| 43-4071 | File Clerks | 647 | 651 | 4 | 0.62% | 2 | 13 | 15 | 7 | 3 | 5 |
| 43-4081 | Hotel, Motel, and Resort Desk Clerks | 2,448 | 2,501 | 53 | 2.17% | 26 | 135 | 161 | 7 | 3 | 5 |
| 43-4111 | Interviewers, Except Eligibility and Loan | 1,052 | 1,071 | 19 | 1.81% | 10 | 22 | 32 | 7 | 3 | 5 |
| 43-4121 | Library Assistants, Clerical | 683 | 700 | 17 | 2.49% | 8 | 21 | 29 | 7 | 3 | 5 |
| 43-4131 | Loan Interviewers and Clerks | 1,630 | 1,711 | 81 | 4.97% | 40 | 26 | 66 | 7 | 3 | 5 |
| 43-4141 | New Accounts Clerks | 561 | 568 | 7 | 1.25% | 4 | 14 | 18 | 7 | 3 | 4 |
| 43-4151 | Order Clerks | 1,055 | 1,079 | 24 | 2.27% | 12 | 28 | 40 | 7 | 3 | 5 |
| 43-4161 | Human Resources Assistants, Except Payroll and Timekeeping | 1,405 | 1,428 | 23 | 1.64% | 12 | 13 | 25 | 4 | 3 | 6 |
| 43-4171 | Receptionists and Information Clerks | 6,863 | 7,094 | 231 | 3.37% | 116 | 194 | 310 | 7 | 3 | 5 |
| 43-4181 | Reservation and Transportation Ticket Agents and Travel Clerks | 475 | 479 | 4 | 0.84% | 2 | 6 | 8 | 7 | 3 | 5 |
| 43-4199 | Information and Record Clerks, All Other | 1,039 | 1,044 | 5 | 0.48% | 2 | 25 | 27 | 7 | 3 | 5 |
| ***43-5000*** | ***Material Recording, Scheduling, Dispatching, and Distributing Workers*** | ***33,954*** | ***34,757*** | ***803*** | ***2.36%*** | ***412*** | ***930*** | ***1,342*** |  |  |  |
| 43-5011 | Cargo and Freight Agents | 687 | 699 | 12 | 1.75% | 6 | 20 | 26 | 7 | 3 | 5 |
| 43-5021 | Couriers and Messengers | 624 | 646 | 22 | 3.53% | 11 | 8 | 19 | 7 | 3 | 5 |
| 43-5031 | Police, Fire, and Ambulance Dispatchers | 1,133 | 1,137 | 4 | 0.35% | 2 | 28 | 30 | 7 | 3 | 4 |
| 43-5032 | Dispatchers, Except Police, Fire, and Ambulance | 1,697 | 1,741 | 44 | 2.59% | 22 | 43 | 65 | 7 | 3 | 4 |
| 43-5041 | Meter Readers, Utilities | 630 | 609 | -21 | -3.33% | 0 | 14 | 14 | 7 | 3 | 5 |
| 43-5051 | Postal Service Clerks | 1,116 | 1,141 | 25 | 2.24% | 12 | 14 | 26 | 7 | 3 | 5 |
| 43-5052 | Postal Service Mail Carriers | 3,012 | 3,078 | 66 | 2.19% | 33 | 58 | 91 | 7 | 3 | 5 |
| 43-5053 | Postal Service Mail Sorters, Processors, and Processing Machine Operators | 585 | 585 | 0 | 0.00% | 0 | 8 | 8 | 7 | 3 | 5 |
| 43-5061 | Production, Planning, and Expediting Clerks | 2,926 | 3,015 | 89 | 3.04% | 44 | 80 | 124 | 7 | 3 | 4 |
| 43-5071 | Shipping, Receiving, and Traffic Clerks | 4,546 | 4,606 | 60 | 1.32% | 30 | 90 | 120 | 7 | 3 | 5 |
| 43-5081 | Stock Clerks and Order Fillers | 16,053 | 16,534 | 481 | 3.00% | 240 | 544 | 784 | 8 | 3 | 5 |
| 43-5111 | Weighers, Measurers, Checkers, and Samplers, Recordkeeping | 945 | 966 | 21 | 2.22% | 10 | 24 | 34 | 7 | 3 | 5 |
| ***43-6000*** | ***Secretaries and Administrative Assistants*** | ***32,022*** | ***32,882*** | ***860*** | ***2.69%*** | ***430*** | ***338*** | ***768*** |  |  |  |
| 43-6011 | Executive Secretaries and Executive Administrative Assistants | 3,210 | 3,246 | 36 | 1.12% | 18 | 34 | 52 | 7 | 2 | 6 |
| 43-6012 | Legal Secretaries | 1,316 | 1,329 | 13 | 0.99% | 6 | 14 | 20 | 7 | 3 | 4 |
| 43-6013 | Medical Secretaries | 3,303 | 3,440 | 137 | 4.15% | 68 | 35 | 103 | 7 | 3 | 4 |
| 43-6014 | Secretaries and Administrative Assistants, Except Legal, Medical, and Executive | 24,193 | 24,867 | 674 | 2.79% | 337 | 256 | 593 | 7 | 3 | 5 |
| ***43-9000*** | ***Other Office and Administrative Support Workers*** | ***37,461*** | ***38,268*** | ***807*** | ***2.15%*** | ***420*** | ***778*** | ***1,198*** |  |  |  |
| 43-9011 | Computer Operators | 1,031 | 1,038 | 7 | 0.68% | 4 | 8 | 12 | 7 | 3 | 4 |
| 43-9021 | Data Entry Keyers | 1,186 | 1,200 | 14 | 1.18% | 7 | 16 | 23 | 7 | 3 | 4 |
| 43-9031 | Desktop Publishers | 72 | 70 | -2 | -2.78% | 0 | 2 | 2 | 4 | 3 | 5 |
| 43-9041 | Insurance Claims and Policy Processing Clerks | 971 | 1,014 | 43 | 4.43% | 22 | 24 | 46 | 7 | 3 | 4 |
| 43-9051 | Mail Clerks and Mail Machine Operators, Except Postal Service | 483 | 470 | -13 | -2.69% | 0 | 10 | 10 | 7 | 3 | 5 |
| 43-9061 | Office Clerks, General | 30,076 | 30,773 | 697 | 2.32% | 348 | 634 | 982 | 7 | 3 | 5 |
| 43-9071 | Office Machine Operators, Except Computer | 256 | 251 | -5 | -1.95% | 0 | 6 | 6 | 7 | 3 | 5 |
| 43-9081 | Proofreaders and Copy Markers | 101 | 97 | -4 | -3.96% | 0 | 2 | 2 | 3 | 3 | 6 |
| 43-9199 | Office and Administrative Support Workers, All Other | 2,725 | 2,803 | 78 | 2.86% | 39 | 72 | 111 | 7 | 3 | 5 |
| **45-0000** | **FARMING, FISHING, AND FORESTRY OCCUPATIONS** | **16,347** | **16,811** | **464** | **2.84%** | **239** | **412** | **651** |  |  |  |
| ***45-2000*** | ***Agricultural Workers*** | ***13,454*** | ***13,870*** | ***416*** | ***3.09%*** | ***212*** | ***344*** | ***556*** |  |  |  |
| 45-2011 | Agricultural Inspectors | 413 | 416 | 3 | 0.73% | 2 | 10 | 12 | 3 | 3 | 4 |
| 45-2041 | Graders and Sorters, Agricultural Products | 1,715 | 1,706 | -9 | -0.52% | 0 | 22 | 22 | 8 | 3 | 5 |
| 45-2091 | Agricultural Equipment Operators | 1,018 | 1,061 | 43 | 4.22% | 22 | 28 | 50 | 8 | 3 | 5 |
| 45-2092 | Farmworkers and Laborers, Crop, Nursery, and Greenhouse | 6,559 | 6,727 | 168 | 2.56% | 84 | 180 | 264 | 8 | 3 | 5 |
| 45-2093 | Farmworkers, Farm, Ranch, and Aquacultural Animals | 3,163 | 3,358 | 195 | 6.17% | 98 | 87 | 185 | 8 | 3 | 5 |
| ***45-4000*** | ***Forest, Conservation, and Logging Workers*** | ***2,081*** | ***2,119*** | ***38*** | ***1.83%*** | ***22*** | ***50*** | ***72*** |  |  |  |
| 45-4022 | Logging Equipment Operators | 1,364 | 1,395 | 31 | 2.27% | 16 | 33 | 49 | 7 | 3 | 4 |
| 45-4023 | Log Graders and Scalers | 231 | 240 | 9 | 3.90% | 4 | 6 | 10 | 7 | 3 | 4 |
| **47-0000** | **CONSTRUCTION AND EXTRACTION OCCUPATIONS** | **54,281** | **56,707** | **2,426** | **4.47%** | **1,382** | **863** | **2,245** |  |  |  |
| ***47-1000*** | ***Supervisors of Construction and Extraction Workers*** | ***5,948*** | ***6,201*** | ***253*** | ***4.25%*** | ***126*** | ***52*** | ***178*** |  |  |  |
| 47-1011 | First-Line Supervisors of Construction Trades and Extraction Workers | 5,948 | 6,201 | 253 | 4.25% | 126 | 52 | 178 | 7 | 1 | 6 |
| ***47-2000*** | ***Construction Trades Workers*** | ***40,870*** | ***43,126*** | ***2,256*** | ***5.52%*** | ***1,128*** | ***658*** | ***1,786*** |  |  |  |
| 47-2011 | Boilermakers | 23 | 24 | 1 | 4.35% | 0 | 0 | 0 | 7 | 3 | 1 |
| 47-2021 | Brickmasons and Blockmasons | 613 | 651 | 38 | 6.20% | 19 | 6 | 25 | 7 | 3 | 1 |
| 47-2022 | Stonemasons | 62 | 66 | 4 | 6.45% | 2 | 0 | 2 | 7 | 3 | 1 |
| 47-2031 | Carpenters | 6,722 | 7,123 | 401 | 5.97% | 200 | 80 | 280 | 7 | 3 | 1 |
| 47-2041 | Carpet Installers | 289 | 311 | 22 | 7.61% | 11 | 4 | 15 | 8 | 3 | 5 |
| 47-2044 | Tile and Marble Setters | 143 | 154 | 11 | 7.69% | 6 | 2 | 8 | 8 | 3 | 3 |
| 47-2051 | Cement Masons and Concrete Finishers | 1,121 | 1,190 | 69 | 6.16% | 34 | 14 | 48 | 8 | 3 | 4 |
| 47-2061 | Construction Laborers | 9,942 | 10,459 | 517 | 5.20% | 258 | 196 | 454 | 8 | 3 | 5 |
| 47-2071 | Paving, Surfacing, and Tamping Equipment Operators | 1,263 | 1,289 | 26 | 2.06% | 13 | 28 | 41 | 7 | 3 | 4 |
| 47-2073 | Operating Engineers and Other Construction Equipment Operators | 3,614 | 3,711 | 97 | 2.68% | 48 | 60 | 108 | 7 | 3 | 4 |
| 47-2081 | Drywall and Ceiling Tile Installers | 653 | 738 | 85 | 13.02% | 42 | 4 | 46 | 8 | 3 | 4 |
| 47-2111 | Electricians | 5,923 | 6,262 | 339 | 5.72% | 170 | 90 | 260 | 7 | 3 | 1 |
| 47-2121 | Glaziers | 454 | 466 | 12 | 2.64% | 6 | 8 | 14 | 7 | 3 | 1 |
| 47-2131 | Insulation Workers, Floor, Ceiling, and Wall | 241 | 270 | 29 | 12.03% | 14 | 8 | 22 | 8 | 3 | 5 |
| 47-2132 | Insulation Workers, Mechanical | 176 | 192 | 16 | 9.09% | 8 | 6 | 14 | 7 | 3 | 1 |
| 47-2141 | Painters, Construction and Maintenance | 2,082 | 2,261 | 179 | 8.60% | 90 | 32 | 122 | 8 | 3 | 4 |
| 47-2142 | Paperhangers | 68 | 72 | 4 | 5.88% | 2 | 1 | 3 | 8 | 3 | 3 |
| 47-2151 | Pipelayers | 500 | 514 | 14 | 2.80% | 7 | 6 | 13 | 8 | 3 | 5 |
| 47-2152 | Plumbers, Pipefitters, and Steamfitters | 3,511 | 3,711 | 200 | 5.70% | 100 | 47 | 147 | 7 | 3 | 1 |
| 47-2161 | Plasterers and Stucco Masons | 78 | 84 | 6 | 7.69% | 3 | 0 | 3 | 8 | 3 | 3 |
| 47-2171 | Reinforcing Iron and Rebar Workers | 23 | 24 | 1 | 4.35% | 0 | 0 | 0 | 7 | 3 | 1 |
| 47-2181 | Roofers | 855 | 895 | 40 | 4.68% | 20 | 13 | 33 | 8 | 3 | 4 |
| 47-2211 | Sheet Metal Workers | 1,456 | 1,530 | 74 | 5.08% | 37 | 30 | 67 | 7 | 3 | 1 |
| 47-2221 | Structural Iron and Steel Workers | 867 | 919 | 52 | 6.00% | 26 | 17 | 43 | 7 | 3 | 1 |
| ***47-3000*** | ***Helpers, Construction Trades*** | ***2,261*** | ***2,433*** | ***172*** | ***7.61%*** | ***86*** | ***36*** | ***122*** |  |  |  |
| 47-3011 | Helpers--Brickmasons, Blockmasons, Stonemasons, and Tile and Marble Setters | 290 | 315 | 25 | 8.62% | 12 | 4 | 16 | 8 | 3 | 5 |
| 47-3012 | Helpers--Carpenters | 378 | 409 | 31 | 8.20% | 16 | 6 | 22 | 8 | 3 | 5 |
| 47-3013 | Helpers--Electricians | 372 | 401 | 29 | 7.80% | 14 | 6 | 20 | 7 | 3 | 5 |
| 47-3014 | Helpers--Painters, Paperhangers, Plasterers, and Stucco Masons | 247 | 284 | 37 | 14.98% | 18 | 4 | 22 | 8 | 3 | 5 |
| 47-3015 | Helpers--Pipelayers, Plumbers, Pipefitters, and Steamfitters | 451 | 480 | 29 | 6.43% | 14 | 8 | 22 | 7 | 3 | 5 |
| 47-3016 | Helpers--Roofers | 208 | 218 | 10 | 4.81% | 5 | 4 | 9 | 8 | 3 | 5 |
| 47-3019 | Helpers, Construction Trades, All Other | 315 | 326 | 11 | 3.49% | 6 | 5 | 11 | 8 | 3 | 5 |
| ***47-4000*** | ***Other Construction and Related Workers*** | ***3,367*** | ***3,450*** | ***83*** | ***2.47%*** | ***42*** | ***74*** | ***116*** |  |  |  |
| 47-4011 | Construction and Building Inspectors | 618 | 638 | 20 | 3.24% | 10 | 16 | 26 | 7 | 1 | 4 |
| 47-4021 | Elevator Installers and Repairers | 64 | 69 | 5 | 7.81% | 2 | 1 | 3 | 7 | 3 | 1 |
| 47-4041 | Hazardous Materials Removal Workers | 146 | 148 | 2 | 1.37% | 1 | 2 | 3 | 7 | 3 | 4 |
| 47-4051 | Highway Maintenance Workers | 1,816 | 1,851 | 35 | 1.93% | 18 | 43 | 61 | 7 | 3 | 4 |
| 47-4061 | Rail-Track Laying and Maintenance Equipment Operators | 107 | 108 | 1 | 0.93% | 0 | 2 | 2 | 7 | 3 | 4 |
| 47-4071 | Septic Tank Servicers and Sewer Pipe Cleaners | 111 | 117 | 6 | 5.41% | 3 | 2 | 5 | 8 | 3 | 4 |
| ***47-5000*** | ***Extraction Workers*** | ***1,835*** | ***1,497*** | ***-338*** | ***-18.42%*** | ***0*** | ***42*** | ***42*** |  |  |  |
| 47-5011 | Derrick Operators, Oil and Gas | 156 | 110 | -46 | -29.49% | 0 | 5 | 5 | 8 | 3 | 5 |
| 47-5012 | Rotary Drill Operators, Oil and Gas | 68 | 48 | -20 | -29.41% | 0 | 2 | 2 | 8 | 3 | 4 |
| 47-5013 | Service Unit Operators, Oil, Gas, and Mining | 450 | 339 | -111 | -24.67% | 0 | 15 | 15 | 8 | 3 | 4 |
| 47-5031 | Explosives Workers, Ordnance Handling Experts, and Blasters | 138 | 135 | -3 | -2.17% | 0 | 2 | 2 | 7 | 2 | 3 |
| 47-5041 | Continuous Mining Machine Operators | 187 | 181 | -6 | -3.21% | 0 | 3 | 3 | 8 | 3 | 4 |
| 47-5071 | Roustabouts, Oil and Gas | 366 | 273 | -93 | -25.41% | 0 | 6 | 6 | 8 | 3 | 4 |
| 47-5081 | Helpers--Extraction Workers | 197 | 160 | -37 | -18.78% | 0 | 2 | 2 | 7 | 3 | 4 |
| **49-0000** | **INSTALLATION, MAINTENANCE, AND REPAIR OCCUPATIONS** | **54,804** | **56,531** | **1,727** | **3.15%** | **884** | **1,234** | **2,118** |  |  |  |
| ***49-1000*** | ***Supervisors of Installation, Maintenance, and Repair Workers*** | ***4,811*** | ***4,928*** | ***117*** | ***2.43%*** | ***58*** | ***92*** | ***150*** |  |  |  |
| 49-1011 | First-Line Supervisors of Mechanics, Installers, and Repairers | 4,811 | 4,928 | 117 | 2.43% | 58 | 92 | 150 | 7 | 2 | 6 |
| ***49-2000*** | ***Electrical and Electronic Equipment Mechanics, Installers, and Repairers*** | ***5,438*** | ***5,520*** | ***82*** | ***1.51%*** | ***48*** | ***86*** | ***134*** |  |  |  |
| 49-2011 | Computer, Automated Teller, and Office Machine Repairers | 1,042 | 1,073 | 31 | 2.98% | 16 | 20 | 36 | 6 | 3 | 5 |
| 49-2022 | Telecommunications Equipment Installers and Repairers, Except Line Installers | 2,281 | 2,299 | 18 | 0.79% | 9 | 24 | 33 | 5 | 3 | 4 |
| 49-2091 | Avionics Technicians | 128 | 131 | 3 | 2.34% | 2 | 2 | 4 | 4 | 3 | 6 |
| 49-2092 | Electric Motor, Power Tool, and Related Repairers | 365 | 368 | 3 | 0.82% | 2 | 10 | 12 | 5 | 3 | 3 |
| 49-2094 | Electrical and Electronics Repairers, Commercial and Industrial Equipment | 446 | 435 | -11 | -2.47% | 0 | 8 | 8 | 5 | 3 | 3 |
| 49-2095 | Electrical and Electronics Repairers, Powerhouse, Substation, and Relay | 88 | 88 | 0 | 0.00% | 0 | 2 | 2 | 5 | 3 | 3 |
| 49-2097 | Electronic Home Entertainment Equipment Installers and Repairers | 290 | 299 | 9 | 3.10% | 4 | 4 | 8 | 5 | 3 | 5 |
| 49-2098 | Security and Fire Alarm Systems Installers | 507 | 531 | 24 | 4.73% | 12 | 10 | 22 | 7 | 3 | 4 |
| ***49-3000*** | ***Vehicle and Mobile Equipment Mechanics, Installers, and Repairers*** | ***15,785*** | ***16,340*** | ***555*** | ***3.52%*** | ***284*** | ***378*** | ***662*** |  |  |  |
| 49-3011 | Aircraft Mechanics and Service Technicians | 768 | 759 | -9 | -1.17% | 0 | 17 | 17 | 5 | 3 | 6 |
| 49-3021 | Automotive Body and Related Repairers | 1,326 | 1,396 | 70 | 5.28% | 35 | 30 | 65 | 7 | 3 | 3 |
| 49-3022 | Automotive Glass Installers and Repairers | 211 | 222 | 11 | 5.21% | 6 | 3 | 9 | 7 | 3 | 4 |
| 49-3023 | Automotive Service Technicians and Mechanics | 5,690 | 5,910 | 220 | 3.87% | 110 | 148 | 258 | 5 | 3 | 5 |
| 49-3031 | Bus and Truck Mechanics and Diesel Engine Specialists | 3,263 | 3,386 | 123 | 3.77% | 62 | 58 | 120 | 7 | 3 | 3 |
| 49-3041 | Farm Equipment Mechanics and Service Technicians | 960 | 976 | 16 | 1.67% | 8 | 23 | 31 | 7 | 3 | 3 |
| 49-3042 | Mobile Heavy Equipment Mechanics, Except Engines | 964 | 970 | 6 | 0.62% | 3 | 23 | 26 | 7 | 3 | 3 |
| 49-3043 | Rail Car Repairers | 333 | 329 | -4 | -1.20% | 0 | 8 | 8 | 7 | 3 | 3 |
| 49-3051 | Motorboat Mechanics and Service Technicians | 199 | 219 | 20 | 10.05% | 10 | 4 | 14 | 7 | 3 | 3 |
| 49-3052 | Motorcycle Mechanics | 206 | 234 | 28 | 13.59% | 14 | 4 | 18 | 5 | 3 | 5 |
| 49-3053 | Outdoor Power Equipment and Other Small Engine Mechanics | 406 | 425 | 19 | 4.68% | 10 | 8 | 18 | 7 | 3 | 4 |
| 49-3093 | Tire Repairers and Changers | 1,257 | 1,290 | 33 | 2.63% | 16 | 45 | 61 | 7 | 3 | 5 |
| ***49-9000*** | ***Other Installation, Maintenance, and Repair Occupations*** | ***28,770*** | ***29,743*** | ***973*** | ***3.38%*** | ***493*** | ***678*** | ***1,171*** |  |  |  |
| 49-9012 | Control and Valve Installers and Repairers, Except Mechanical Door | 435 | 423 | -12 | -2.76% | 0 | 14 | 14 | 7 | 3 | 4 |
| 49-9021 | Heating, Air Conditioning, and Refrigeration Mechanics and Installers | 2,839 | 3,016 | 177 | 6.23% | 88 | 44 | 132 | 5 | 3 | 3 |
| 49-9031 | Home Appliance Repairers | 287 | 290 | 3 | 1.05% | 2 | 7 | 9 | 7 | 3 | 4 |
| 49-9041 | Industrial Machinery Mechanics | 4,581 | 4,810 | 229 | 5.00% | 114 | 108 | 222 | 7 | 3 | 3 |
| 49-9043 | Maintenance Workers, Machinery | 682 | 712 | 30 | 4.40% | 15 | 13 | 28 | 7 | 3 | 4 |
| 49-9044 | Millwrights | 606 | 630 | 24 | 3.96% | 12 | 14 | 26 | 7 | 3 | 1 |
| 49-9051 | Electrical Power-Line Installers and Repairers | 1,551 | 1,552 | 1 | 0.06% | 0 | 60 | 60 | 7 | 3 | 3 |
| 49-9052 | Telecommunications Line Installers and Repairers | 1,031 | 1,047 | 16 | 1.55% | 8 | 19 | 27 | 7 | 3 | 3 |
| 49-9062 | Medical Equipment Repairers | 429 | 432 | 3 | 0.70% | 2 | 6 | 8 | 4 | 3 | 4 |
| 49-9063 | Musical Instrument Repairers and Tuners | 42 | 42 | 0 | 0.00% | 0 | 0 | 0 | 7 | 3 | 1 |
| 49-9069 | Precision Instrument and Equipment Repairers, All Other | 53 | 55 | 2 | 3.77% | 1 | 1 | 2 | 7 | 3 | 3 |
| 49-9071 | Maintenance and Repair Workers, General | 13,068 | 13,471 | 403 | 3.08% | 202 | 314 | 516 | 7 | 3 | 3 |
| 49-9091 | Coin, Vending, and Amusement Machine Servicers and Repairers | 306 | 315 | 9 | 2.94% | 4 | 4 | 8 | 7 | 3 | 5 |
| 49-9094 | Locksmiths and Safe Repairers | 116 | 115 | -1 | -0.86% | 0 | 5 | 5 | 7 | 3 | 3 |
| 49-9096 | Riggers | 95 | 102 | 7 | 7.37% | 4 | 2 | 6 | 7 | 3 | 5 |
| 49-9097 | Signal and Track Switch Repairers | 142 | 142 | 0 | 0.00% | 0 | 2 | 2 | 7 | 3 | 4 |
| 49-9098 | Helpers--Installation, Maintenance, and Repair Workers | 1,171 | 1,231 | 60 | 5.12% | 30 | 40 | 70 | 7 | 3 | 5 |
| 49-9099 | Installation, Maintenance, and Repair Workers, All Other | 1,023 | 1,028 | 5 | 0.49% | 2 | 16 | 18 | 7 | 3 | 4 |
| **51-0000** | **PRODUCTION OCCUPATIONS** | **116,090** | **116,957** | **867** | **0.75%** | **886** | **2,550** | **3,436** |  |  |  |
| ***51-1000*** | ***Supervisors of Production Workers*** | ***8,123*** | ***8,218*** | ***95*** | ***1.17%*** | ***48*** | ***128*** | ***176*** |  |  |  |
| 51-1011 | First-Line Supervisors of Production and Operating Workers | 8,123 | 8,218 | 95 | 1.17% | 48 | 128 | 176 | 7 | 2 | 6 |
| ***51-2000*** | ***Assemblers and Fabricators*** | ***19,341*** | ***19,527*** | ***186*** | ***0.96%*** | ***138*** | ***394*** | ***532*** |  |  |  |
| 51-2021 | Coil Winders, Tapers, and Finishers | 531 | 503 | -28 | -5.27% | 0 | 7 | 7 | 7 | 3 | 4 |
| 51-2022 | Electrical and Electronic Equipment Assemblers | 1,014 | 965 | -49 | -4.83% | 0 | 13 | 13 | 7 | 3 | 4 |
| 51-2023 | Electromechanical Equipment Assemblers | 46 | 44 | -2 | -4.35% | 0 | 0 | 0 | 7 | 3 | 4 |
| 51-2041 | Structural Metal Fabricators and Fitters | 1,602 | 1,670 | 68 | 4.24% | 34 | 28 | 62 | 7 | 3 | 4 |
| 51-2091 | Fiberglass Laminators and Fabricators | 847 | 898 | 51 | 6.02% | 26 | 18 | 44 | 7 | 3 | 4 |
| 51-2092 | Team Assemblers | 13,189 | 13,313 | 124 | 0.94% | 62 | 284 | 346 | 7 | 3 | 4 |
| 51-2099 | Assemblers and Fabricators, All Other | 1,540 | 1,555 | 15 | 0.97% | 8 | 33 | 41 | 7 | 3 | 4 |
| ***51-3000*** | ***Food Processing Workers*** | ***17,856*** | ***18,515*** | ***659*** | ***3.69%*** | ***330*** | ***334*** | ***664*** |  |  |  |
| 51-3011 | Bakers | 1,205 | 1,264 | 59 | 4.90% | 30 | 24 | 54 | 8 | 3 | 3 |
| 51-3021 | Butchers and Meat Cutters | 1,161 | 1,203 | 42 | 3.62% | 21 | 21 | 42 | 8 | 3 | 3 |
| 51-3022 | Meat, Poultry, and Fish Cutters and Trimmers | 7,607 | 7,873 | 266 | 3.50% | 133 | 138 | 271 | 8 | 3 | 5 |
| 51-3023 | Slaughterers and Meat Packers | 2,128 | 2,203 | 75 | 3.52% | 38 | 38 | 76 | 8 | 3 | 5 |
| 51-3091 | Food and Tobacco Roasting, Baking, and Drying Machine Operators and Tenders | 192 | 205 | 13 | 6.77% | 6 | 4 | 10 | 8 | 3 | 4 |
| 51-3092 | Food Batchmakers | 1,829 | 1,874 | 45 | 2.46% | 22 | 38 | 60 | 7 | 3 | 4 |
| 51-3093 | Food Cooking Machine Operators and Tenders | 848 | 900 | 52 | 6.13% | 26 | 16 | 42 | 7 | 3 | 4 |
| 51-3099 | Food Processing Workers, All Other | 2,886 | 2,993 | 107 | 3.71% | 54 | 54 | 108 | 8 | 3 | 4 |
| ***51-4000*** | ***Metal Workers and Plastic Workers*** | ***20,713*** | ***20,466*** | ***-247*** | ***-1.19%*** | ***66*** | ***490*** | ***556*** |  |  |  |
| 51-4011 | Computer-Controlled Machine Tool Operators, Metal and Plastic | 1,473 | 1,529 | 56 | 3.80% | 28 | 40 | 68 | 7 | 3 | 4 |
| 51-4012 | Computer Numerically Controlled Machine Tool Programmers, Metal and Plastic | 167 | 172 | 5 | 2.99% | 2 | 4 | 6 | 7 | 3 | 3 |
| 51-4021 | Extruding and Drawing Machine Setters, Operators, and Tenders, Metal and Plastic | 628 | 615 | -13 | -2.07% | 0 | 16 | 16 | 7 | 3 | 4 |
| 51-4022 | Forging Machine Setters, Operators, and Tenders, Metal and Plastic | 90 | 95 | 5 | 5.56% | 2 | 2 | 4 | 7 | 3 | 4 |
| 51-4023 | Rolling Machine Setters, Operators, and Tenders, Metal and Plastic | 162 | 167 | 5 | 3.09% | 2 | 4 | 6 | 7 | 3 | 4 |
| 51-4031 | Cutting, Punching, and Press Machine Setters, Operators, and Tenders, Metal and Plastic | 2,848 | 2,759 | -89 | -3.13% | 0 | 39 | 39 | 7 | 3 | 4 |
| 51-4032 | Drilling and Boring Machine Tool Setters, Operators, and Tenders, Metal and Plastic | 111 | 112 | 1 | 0.90% | 0 | 2 | 2 | 7 | 3 | 4 |
| 51-4033 | Grinding, Lapping, Polishing, and Buffing Machine Tool Setters, Operators, and Tenders, Metal and Plastic | 685 | 662 | -23 | -3.36% | 0 | 28 | 28 | 7 | 3 | 4 |
| 51-4034 | Lathe and Turning Machine Tool Setters, Operators, and Tenders, Metal and Plastic | 165 | 161 | -4 | -2.42% | 0 | 4 | 4 | 7 | 3 | 4 |
| 51-4035 | Milling and Planing Machine Setters, Operators, and Tenders, Metal and Plastic | 169 | 171 | 2 | 1.18% | 1 | 3 | 4 | 7 | 3 | 4 |
| 51-4041 | Machinists | 2,834 | 2,858 | 24 | 0.85% | 12 | 81 | 93 | 7 | 3 | 3 |
| 51-4051 | Metal-Refining Furnace Operators and Tenders | 253 | 266 | 13 | 5.14% | 6 | 8 | 14 | 7 | 3 | 4 |
| 51-4052 | Pourers and Casters, Metal | 123 | 142 | 19 | 15.45% | 10 | 4 | 14 | 7 | 3 | 4 |
| 51-4062 | Patternmakers, Metal and Plastic | 39 | 35 | -4 | -10.26% | 0 | 0 | 0 | 7 | 3 | 4 |
| 51-4072 | Molding, Coremaking, and Casting Machine Setters, Operators, and Tenders, Metal and Plastic | 1,678 | 1,643 | -35 | -2.09% | 0 | 27 | 27 | 7 | 3 | 4 |
| 51-4081 | Multiple Machine Tool Setters, Operators, and Tenders, Metal and Plastic | 1,503 | 1,453 | -50 | -3.33% | 0 | 28 | 28 | 7 | 3 | 4 |
| 51-4111 | Tool and Die Makers | 535 | 493 | -42 | -7.85% | 0 | 2 | 2 | 7 | 3 | 3 |
| 51-4121 | Welders, Cutters, Solderers, and Brazers | 5,058 | 5,032 | -26 | -0.51% | 0 | 142 | 142 | 7 | 3 | 4 |
| 51-4122 | Welding, Soldering, and Brazing Machine Setters, Operators, and Tenders | 1,300 | 1,246 | -54 | -4.15% | 0 | 36 | 36 | 7 | 3 | 4 |
| 51-4191 | Heat Treating Equipment Setters, Operators, and Tenders, Metal and Plastic | 224 | 217 | -7 | -3.13% | 0 | 4 | 4 | 7 | 3 | 4 |
| 51-4192 | Layout Workers, Metal and Plastic | 41 | 35 | -6 | -14.63% | 0 | 0 | 0 | 7 | 3 | 4 |
| 51-4193 | Plating and Coating Machine Setters, Operators, and Tenders, Metal and Plastic | 361 | 346 | -15 | -4.16% | 0 | 9 | 9 | 7 | 3 | 4 |
| 51-4194 | Tool Grinders, Filers, and Sharpeners | 153 | 154 | 1 | 0.65% | 0 | 4 | 4 | 7 | 3 | 4 |
| 51-4199 | Metal Workers and Plastic Workers, All Other | 73 | 66 | -7 | -9.59% | 0 | 2 | 2 | 7 | 3 | 4 |
| ***51-5100*** | ***Printing Workers*** | ***2,368*** | ***2,336*** | ***-32*** | ***-1.35%*** | ***0*** | ***36*** | ***36*** |  |  |  |
| 51-5111 | Prepress Technicians and Workers | 283 | 267 | -16 | -5.65% | 0 | 4 | 4 | 5 | 3 | 6 |
| 51-5112 | Printing Press Operators | 1,759 | 1,747 | -12 | -0.68% | 0 | 26 | 26 | 7 | 3 | 4 |
| 51-5113 | Print Binding and Finishing Workers | 326 | 322 | -4 | -1.23% | 0 | 5 | 5 | 7 | 3 | 5 |
| ***51-6000*** | ***Textile, Apparel, and Furnishings Workers*** | ***5,123*** | ***5,018*** | ***-105*** | ***-2.05%*** | ***10*** | ***80*** | ***90*** |  |  |  |
| 51-6011 | Laundry and Dry-Cleaning Workers | 1,758 | 1,754 | -4 | -0.23% | 0 | 26 | 26 | 8 | 3 | 5 |
| 51-6021 | Pressers, Textile, Garment, and Related Materials | 398 | 380 | -18 | -4.52% | 0 | 10 | 10 | 8 | 3 | 5 |
| 51-6031 | Sewing Machine Operators | 959 | 939 | -20 | -2.09% | 0 | 6 | 6 | 8 | 3 | 5 |
| 51-6041 | Shoe and Leather Workers and Repairers | 32 | 29 | -3 | -9.38% | 0 | 0 | 0 | 7 | 3 | 4 |
| 51-6042 | Shoe Machine Operators and Tenders | 541 | 486 | -55 | -10.17% | 0 | 6 | 6 | 7 | 3 | 5 |
| 51-6052 | Tailors, Dressmakers, and Custom Sewers | 286 | 288 | 2 | 0.70% | 1 | 10 | 11 | 8 | 3 | 4 |
| 51-6062 | Textile Cutting Machine Setters, Operators, and Tenders | 91 | 85 | -6 | -6.59% | 0 | 2 | 2 | 7 | 3 | 4 |
| 51-6063 | Textile Knitting and Weaving Machine Setters, Operators, and Tenders | 194 | 194 | 0 | 0.00% | 0 | 3 | 3 | 7 | 3 | 5 |
| 51-6091 | Extruding and Forming Machine Setters, Operators, and Tenders, Synthetic and Glass Fibers | 90 | 97 | 7 | 7.78% | 4 | 1 | 5 | 7 | 3 | 4 |
| 51-6093 | Upholsterers | 574 | 555 | -19 | -3.31% | 0 | 14 | 14 | 7 | 3 | 4 |
| 51-6099 | Textile, Apparel, and Furnishings Workers, All Other | 55 | 57 | 2 | 3.64% | 1 | 0 | 1 | 7 | 3 | 5 |
|  |  |  |  |  |  |  |  |  |  |  |  |
| ***51-7000*** | ***Woodworkers*** | ***3,924*** | ***3,909*** | ***-15*** | ***-0.38%*** | ***30*** | ***74*** | ***104*** |  |  |  |
| 51-7011 | Cabinetmakers and Bench Carpenters | 1,244 | 1,174 | -70 | -5.63% | 0 | 10 | 10 | 7 | 3 | 4 |
| 51-7041 | Sawing Machine Setters, Operators, and Tenders, Wood | 1,364 | 1,420 | 56 | 4.11% | 28 | 40 | 68 | 7 | 3 | 5 |
| 51-7042 | Woodworking Machine Setters, Operators, and Tenders, Except Sawing | 1,006 | 1,002 | -4 | -0.40% | 0 | 18 | 18 | 7 | 3 | 5 |
| ***51-8000*** | ***Plant and System Operators*** | ***3,813*** | ***3,772*** | ***-41*** | ***-1.08%*** | ***24*** | ***104*** | ***128*** |  |  |  |
| 51-8012 | Power Distributors and Dispatchers | 161 | 158 | -3 | -1.86% | 0 | 6 | 6 | 7 | 3 | 3 |
| 51-8013 | Power Plant Operators | 429 | 423 | -6 | -1.40% | 0 | 16 | 16 | 7 | 3 | 3 |
| 51-8021 | Stationary Engineers and Boiler Operators | 325 | 326 | 1 | 0.31% | 0 | 8 | 8 | 7 | 3 | 3 |
| 51-8031 | Water and Wastewater Treatment Plant and System Operators | 1,843 | 1,882 | 39 | 2.12% | 20 | 38 | 58 | 7 | 3 | 3 |
| 51-8091 | Chemical Plant and System Operators | 204 | 206 | 2 | 0.98% | 1 | 7 | 8 | 7 | 3 | 3 |
| 51-8092 | Gas Plant Operators | 137 | 125 | -12 | -8.76% | 0 | 4 | 4 | 7 | 3 | 3 |
| 51-8099 | Plant and System Operators, All Other | 124 | 129 | 5 | 4.03% | 2 | 4 | 6 | 7 | 3 | 3 |
| ***51-9000*** | ***Other Production Occupations*** | ***34,829*** | ***35,196*** | ***367*** | ***1.05%*** | ***242*** | ***908*** | ***1,150*** |  |  |  |
| 51-9011 | Chemical Equipment Operators and Tenders | 1,180 | 1,201 | 21 | 1.78% | 10 | 34 | 44 | 7 | 3 | 4 |
| 51-9012 | Separating, Filtering, Clarifying, Precipitating, and Still Machine Setters, Operators, and Tenders | 482 | 479 | -3 | -0.62% | 0 | 14 | 14 | 7 | 3 | 4 |
| 51-9021 | Crushing, Grinding, and Polishing Machine Setters, Operators, and Tenders | 443 | 441 | -2 | -0.45% | 0 | 9 | 9 | 7 | 3 | 4 |
| 51-9022 | Grinding and Polishing Workers, Hand | 84 | 82 | -2 | -2.38% | 0 | 2 | 2 | 8 | 3 | 4 |
| 51-9023 | Mixing and Blending Machine Setters, Operators, and Tenders | 1,605 | 1,638 | 33 | 2.06% | 16 | 32 | 48 | 7 | 3 | 4 |
| 51-9032 | Cutting and Slicing Machine Setters, Operators, and Tenders | 1,478 | 1,450 | -28 | -1.89% | 0 | 32 | 32 | 7 | 3 | 5 |
| 51-9041 | Extruding, Forming, Pressing, and Compacting Machine Setters, Operators, and Tenders | 1,061 | 1,061 | 0 | 0.00% | 0 | 38 | 38 | 7 | 3 | 4 |
| 51-9051 | Furnace, Kiln, Oven, Drier, and Kettle Operators and Tenders | 454 | 462 | 8 | 1.76% | 4 | 12 | 16 | 7 | 3 | 4 |
| 51-9061 | Inspectors, Testers, Sorters, Samplers, and Weighers | 6,112 | 6,220 | 108 | 1.77% | 54 | 151 | 205 | 7 | 3 | 4 |
| 51-9071 | Jewelers and Precious Stone and Metal Workers | 204 | 199 | -5 | -2.45% | 0 | 3 | 3 | 7 | 3 | 3 |
| 51-9081 | Dental Laboratory Technicians | 442 | 476 | 34 | 7.69% | 17 | 12 | 29 | 7 | 3 | 4 |
| 51-9082 | Medical Appliance Technicians | 143 | 153 | 10 | 6.99% | 5 | 4 | 9 | 7 | 3 | 3 |
| 51-9083 | Ophthalmic Laboratory Technicians | 406 | 424 | 18 | 4.43% | 9 | 11 | 20 | 7 | 3 | 4 |
| 51-9111 | Packaging and Filling Machine Operators and Tenders | 3,926 | 4,025 | 99 | 2.52% | 50 | 134 | 184 | 7 | 3 | 4 |
| 51-9121 | Coating, Painting, and Spraying Machine Setters, Operators, and Tenders | 1,044 | 1,035 | -9 | -0.86% | 0 | 20 | 20 | 7 | 3 | 4 |
| 51-9122 | Painters, Transportation Equipment | 964 | 989 | 25 | 2.59% | 12 | 18 | 30 | 7 | 3 | 4 |
| 51-9151 | Photographic Process Workers and Processing Machine Operators | 67 | 64 | -3 | -4.48% | 0 | 2 | 2 | 7 | 3 | 5 |
| 51-9191 | Adhesive Bonding Machine Operators and Tenders | 388 | 376 | -12 | -3.09% | 0 | 10 | 10 | 7 | 3 | 4 |
| 51-9192 | Cleaning, Washing, and Metal Pickling Equipment Operators and Tenders | 364 | 378 | 14 | 3.85% | 7 | 10 | 17 | 8 | 3 | 4 |
| 51-9193 | Cooling and Freezing Equipment Operators and Tenders | 686 | 703 | 17 | 2.48% | 8 | 13 | 21 | 7 | 3 | 4 |
| 51-9194 | Etchers and Engravers | 20 | 21 | 1 | 5.00% | 0 | 0 | 0 | 7 | 3 | 4 |
| 51-9195 | Molders, Shapers, and Casters, Except Metal and Plastic | 372 | 374 | 2 | 0.54% | 1 | 12 | 13 | 7 | 3 | 3 |
| 51-9196 | Paper Goods Machine Setters, Operators, and Tenders | 1,949 | 1,906 | -43 | -2.21% | 0 | 34 | 34 | 7 | 3 | 4 |
| 51-9198 | Helpers--Production Workers | 7,106 | 7,112 | 6 | 0.08% | 3 | 224 | 227 | 8 | 3 | 5 |
| 51-9199 | Production Workers, All Other | 3,197 | 3,281 | 84 | 2.63% | 42 | 60 | 102 | 7 | 3 | 4 |
| **53-0000** | **TRANSPORTATION AND MATERIAL MOVING OCCUPATIONS** | **109,804** | **112,956** | **3,152** | **2.87%** | **1,604** | **2,492** | **4,096** |  |  |  |
| ***53-1000*** | ***Supervisors of Transportation and Material Moving Workers*** | ***4,052*** | ***4,166*** | ***114*** | ***2.81%*** | ***57*** | ***122*** | ***179*** |  |  |  |
| 53-1011 | Aircraft Cargo Handling Supervisors | 39 | 39 | 0 | 0.00% | 0 | 1 | 1 | 7 | 2 | 6 |
| 53-1021 | First-Line Supervisors of Helpers, Laborers, and Material Movers, Hand | 1,348 | 1,405 | 57 | 4.23% | 28 | 41 | 69 | 7 | 2 | 6 |
| 53-1031 | First-Line Supervisors of Transportation and Material-Moving Machine and Vehicle Operators | 2,665 | 2,722 | 57 | 2.14% | 28 | 80 | 108 | 7 | 2 | 6 |
| 53-2011 | Airline Pilots, Copilots, and Flight Engineers | 123 | 123 | 0 | 0.00% | 0 | 2 | 2 | 3 | 2 | 4 |
| 53-2012 | Commercial Pilots | 582 | 594 | 12 | 2.06% | 6 | 12 | 18 | 7 | 3 | 4 |
| 53-2021 | Air Traffic Controllers | 99 | 95 | -4 | -4.04% | 0 | 3 | 3 | 4 | 3 | 3 |
| ***53-3000*** | ***Motor Vehicle Operators*** | ***53,665*** | ***55,039*** | ***1,374*** | ***2.56%*** | ***687*** | ***834*** | ***1,521*** |  |  |  |
| 53-3022 | Bus Drivers, School or Special Client | 5,876 | 6,037 | 161 | 2.74% | 80 | 70 | 150 | 7 | 3 | 5 |
| 53-3031 | Driver/Sales Workers | 2,799 | 2,895 | 96 | 3.43% | 48 | 44 | 92 | 7 | 3 | 5 |
| 53-3032 | Heavy and Tractor-Trailer Truck Drivers | 35,834 | 36,548 | 714 | 1.99% | 357 | 571 | 928 | 5 | 3 | 5 |
| 53-3033 | Light Truck or Delivery Services Drivers | 6,496 | 6,760 | 264 | 4.06% | 132 | 104 | 236 | 7 | 3 | 5 |
| 53-3041 | Taxi Drivers and Chauffeurs | 2,064 | 2,186 | 122 | 5.91% | 61 | 35 | 96 | 8 | 3 | 5 |
| 53-3099 | Motor Vehicle Operators, All Other | 147 | 152 | 5 | 3.40% | 2 | 4 | 6 | 8 | 3 | 5 |
| ***53-6000*** | ***Other Transportation Workers*** | ***1,942*** | ***2,008*** | ***66*** | ***3.40%*** | ***35*** | ***83*** | ***118*** |  |  |  |
| 53-6021 | Parking Lot Attendants | 227 | 241 | 14 | 6.17% | 7 | 14 | 21 | 8 | 3 | 5 |
| 53-6031 | Automotive and Watercraft Service Attendants | 1,124 | 1,176 | 52 | 4.63% | 26 | 49 | 75 | 8 | 3 | 5 |
| 53-6041 | Traffic Technicians | 35 | 36 | 1 | 2.86% | 0 | 2 | 2 | 7 | 3 | 4 |
| 53-6061 | Transportation Attendants, Except Flight Attendants | 127 | 124 | -3 | -2.36% | 0 | 2 | 2 | 7 | 3 | 5 |
| 53-6099 | Transportation Workers, All Other | 206 | 208 | 2 | 0.97% | 1 | 9 | 10 | 7 | 3 | 5 |
| ***53-7000*** | ***Material Moving Workers*** | ***47,349*** | ***48,918*** | ***1,569*** | ***3.31%*** | ***806*** | ***1,362*** | ***2,168*** |  |  |  |
| 53-7011 | Conveyor Operators and Tenders | 626 | 640 | 14 | 2.24% | 7 | 18 | 25 | 8 | 3 | 5 |
| 53-7021 | Crane and Tower Operators | 654 | 697 | 43 | 6.57% | 22 | 22 | 44 | 7 | 2 | 4 |
| 53-7032 | Excavating and Loading Machine and Dragline Operators | 541 | 553 | 12 | 2.22% | 6 | 7 | 13 | 7 | 2 | 4 |
| 53-7051 | Industrial Truck and Tractor Operators | 6,493 | 6,700 | 207 | 3.19% | 104 | 156 | 260 | 8 | 3 | 5 |
| 53-7061 | Cleaners of Vehicles and Equipment | 3,186 | 3,328 | 142 | 4.46% | 71 | 114 | 185 | 8 | 3 | 5 |
| 53-7062 | Laborers and Freight, Stock, and Material Movers, Hand | 26,678 | 27,641 | 963 | 3.61% | 482 | 824 | 1,306 | 8 | 3 | 5 |
| 53-7063 | Machine Feeders and Offbearers | 1,711 | 1,759 | 48 | 2.81% | 24 | 39 | 63 | 8 | 3 | 5 |
| 53-7064 | Packers and Packagers, Hand | 5,131 | 5,239 | 108 | 2.10% | 54 | 128 | 182 | 8 | 3 | 5 |
| 53-7073 | Wellhead Pumpers | 162 | 125 | -37 | -22.84% | 0 | 6 | 6 | 7 | 2 | 4 |
| 53-7081 | Refuse and Recyclable Material Collectors | 1,883 | 1,945 | 62 | 3.29% | 31 | 40 | 71 | 8 | 3 | 5 |
| 53-7121 | Tank Car, Truck, and Ship Loaders | 81 | 83 | 2 | 2.47% | 1 | 2 | 3 | 8 | 3 | 5 |
| 53-7199 | Material Moving Workers, All Other | 96 | 98 | 2 | 2.08% | 1 | 3 | 4 | 8 | 3 | 5 |

##### **2016-2018 Projections by Education Level**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Education Title** | **2016 Estimated Employment** | **2018 Projected Employment** | **Net Change** | **Percent Change** | **Annual Openings-Growth** | **Annual Openings-Replacement** | **Annual Openings-Total** |
| Doctoral or Professional Degree | 31,545 | 32,663 | 1,118 | 3.54% | 561 | 602 | 1,163 |
| Master's Degree | 20,254 | 21,058 | 804 | 3.97% | 400 | 422 | 822 |
| Bachelor's Degree | 244,082 | 252,499 | 8,417 | 3.45% | 4,266 | 5,049 | 9,315 |
| Associate's Degree | 23,834 | 24,587 | 753 | 3.16% | 382 | 479 | 861 |
| Postsecondary Non-Degree Award | 103,176 | 105,938 | 2,762 | 2.68% | 1,407 | 2,070 | 3,477 |
| Some College, No Degree | 27,800 | 28,383 | 583 | 2.10% | 293 | 411 | 704 |
| High School Diploma or Equivalent | 549,996 | 563,639 | 13,643 | 2.48% | 7,349 | 11,302 | 18,651 |
| No Formal Educational Credential | 365,890 | 379,560 | 13,670 | 3.74% | 7,026 | 11,540 | 18,566 |

**Education Outlook**

Every education category is projected to see positive net growth between 2016 and 2018. Occupations needing a high school diploma or equivalent are expected to add 13,643 new jobs and 18,651 annual job openings, while those that do not require formal education are estimated to add 13,670 jobs and have 18,566 annual job openings. At 3.97 percent, occupations requiring a Master’s Degree are growing the fastest. Occupations requiring a college degree are forecast to add 11,092 jobs into the Arkansas job market and have a combined 12,161 annual openings.

##### Hot Jobs by Educational Level (Ordered by Education Type and Total Annual Openings)

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **SOC Code** | **Standard Occupational Classification Titles** | **2016** | **2018** | **Net Growth** | **Percent Growth** | **Annual Openings due to Growth** | **Annual Openings due to Replacement** | **Total Annual Openings** | **Work** | **Training** |
| **Estimated Employment** | **Projected Employment** | **Experience** |
| **Doctoral or Professional Degree** | | | | | | | | | | |
| 29-1051 | Pharmacists | 3,353 | 3,459 | 106 | 3.16% | 53 | 72 | **125** | None | None |
| 23-1011 | Lawyers | 4,130 | 4,263 | 133 | 3.22% | 66 | 54 | **120** | None | None |
| 29-1123 | Physical Therapists | 2,069 | 2,193 | 124 | 5.99% | 62 | 50 | **112** | None | None |
| Master’s Degree | | | | | | | | | | |
| 11-9032 | Education Administrators, Elementary and Secondary School | 2,363 | 2,444 | 81 | 3.43% | 40 | 70 | **110** | 5 years or more | None |
| 29-1127 | Speech-Language Pathologists | 1,892 | 1,997 | 105 | 5.55% | 52 | 44 | **96** | None | None |
| 29-1171 | Nurse Practitioners | 1,424 | 1,532 | 108 | 7.58% | 54 | 32 | **86** | None | None |
| Bachelor’s Degree | | | | | | | | | | |
| 29-1141 | Registered Nurses | 23,040 | 23,777 | 737 | 3.20% | 368 | 508 | **876** | None | None |
| 11-1021 | General and Operations Managers | 20,388 | 21,093 | 705 | 3.46% | 352 | 479 | **831** | 5 years or more | None |
| 25-2021 | Elementary School Teachers, Except Special Education | 11,853 | 12,257 | 404 | 3.41% | 202 | 263 | **465** | None | Internship/ Residency |
| Associate’s Degree | | | | | | | | | | |
| 25-2011 | Preschool Teachers, Except Special Education | 2,514 | 2,590 | 76 | 3.02% | 38 | 73 | **111** | None | None |
| 29-2012 | Medical and Clinical Laboratory Technicians | 1,578 | 1,631 | 53 | 3.36% | 26 | 38 | **64** | None | None |
| 23-2011 | Paralegals and Legal Assistants | 1,562 | 1,618 | 56 | 3.59% | 28 | 31 | **59** | None | None |
| 31-2021 | Physical Therapist Assistants | 1,039 | 1,101 | 62 | 5.97% | 31 | 28 | **59** | None | None |
| Postsecondary Non-Degree Award/Some College, No Degree | | | | | | | | | | |
| 53-3032 | Heavy and Tractor-Trailer Truck Drivers | 35,834 | 36,548 | 714 | 1.99% | 357 | 571 | **928** | None | Short-Term OJT |
| 31-1014 | Nursing Assistants | 18,667 | 19,151 | 484 | 2.59% | 242 | 394 | **636** | None | None |
| 29-2061 | Licensed Practical and Licensed Vocational Nurses | 12,057 | 12,341 | 284 | 2.36% | 142 | 338 | **480** | None | None |
| High School Diploma or Equivalent | | | | | | | | | | |
| 11-9013 | Farmers, Ranchers, and Other Agricultural Managers | 59,892 | 61,357 | 1,465 | 2.45% | 732 | 992 | **1,724** | 5 years or more | None |
| 43-9061 | Office Clerks, General | 30,076 | 30,773 | 697 | 2.32% | 348 | 634 | **982** | None | Short-Term OJT |
| 43-4051 | Customer Service Representatives | 18,936 | 19,438 | 502 | 2.65% | 251 | 440 | **691** | None | Short-Term OJT |
| No Formal Education Required | | | | | | | | | | |
| 41-2011 | Cashiers | 34,387 | 35,526 | 1,139 | 3.31% | 570 | 1742 | **2,312** | None | Short-Term OJT |
| 41-2031 | Retail Salespersons | 39,797 | 41,332 | 1,535 | 3.86% | 768 | 1,488 | **2,256** | None | Short-Term OJT |
| 35-3021 | Combined Food Preparation and Serving Workers, Including Fast Food | 27,172 | 28,833 | 1,661 | 6.11% | 830 | 1,058 | **1,888** | None | Short-Term OJT |

While formal education training is important, other factors are important or required by employers to receive competency in a particular job or to even be considered for certain jobs. One factor is work experience. Many occupations require some work experience in the line of work, especially those in career ladder occupations. For example, to become a manager, most employees need experience working in the line of work they will be managing. The following table shows projections by length of experience generally recommended or required.

##### **2016-2018 Projections by Amount of Work Experience**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Work Experience Title** | **2016 Estimated Employment** | **2018 Projected Employment** | **Net Change** | **Percent Change** | **Annual Openings-Growth** | **Annual Openings-Replacement** | **Annual Openings-Total** |
| 5 years or more | 112,638 | 115,894 | 3,256 | 2.89% | 1,623 | 2,039 | 3,662 |
| Less than 5 years | 142,153 | 146,904 | 4,751 | 3.34% | 2,418 | 2,958 | 5,376 |
| None | 1,111,786 | 1,145,529 | 33,743 | 3.04% | 17,643 | 26,878 | 44,521 |

**Work Experience Outlook**

##### Another factor in determining full competency in an occupation is on-the-job training. Many occupations require additional training beyond formal education. Many jobs in education and the medical field require internships or residency. Many skills-trade occupations recommend or require apprenticeship programs. The following table shows projections by type of training needed.

##### **2016-2018 Projections by Type of On-the-Job Training**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Job Training Title** | **2016 Estimated Employment** | **2018 Projected Employment** | **Net Change** | **Percent Change** | **Annual Openings-Growth** | **Annual Openings-Replacement** | **Annual Openings-Total** |
| Apprenticeship | 20,568 | 21,738 | 1,170 | 5.69% | 584 | 299 | 883 |
| Internship/Residency | 54,326 | 56,261 | 1,935 | 3.56% | 969 | 1,200 | 2,169 |
| Long-Term On-the-Job Training | 58,640 | 60,396 | 1,756 | 2.99% | 959 | 1,413 | 2,372 |
| Moderate-Term On-the-Job Training | 225,722 | 230,414 | 4,692 | 2.08% | 2,836 | 4,698 | 7,534 |
| Short-Term On-the-Job Training | 559,510 | 577,318 | 17,808 | 3.18% | 9,078 | 15,332 | 24,410 |
| None | 447,811 | 462,200 | 14,389 | 3.21% | 7,258 | 8,933 | 16,191 |

**Training Outlook**

What matters most when looking for a job is not necessarily education alone or even your experience or additional on-the-job training, but it’s the total package. Each occupation has a recommended path to become competent in that field. Each contains the recommended level of education, the length of work experience generally needed, and any additional on-the-job training needed. However, keep in mind that some employers may have more requirements and some may even have less. The following table shows projections by education/training path.

##### **2016-2018 Projections by Education Training Path**

| **Education** | **Work Experience** | **Additional  Training** | **2016 Estimated Employment** | **2018 Projected Employment** | **Net Change** | **Percent Change** | **Annual Openings-Growth** | **Annual Openings-Replacement** | **Annual Openings-Total** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Doctoral or Professional Degree** | **5 years or more** | **Short-Term On-the-Job Training** | 752 | 761 | 9 | 1.20% | 4 | 10 | 14 |
| **Doctoral or Professional Degree** | **Less than 5 years** | **None** | 2,270 | 2,349 | 79 | 3.48% | 40 | 36 | 76 |
| **Doctoral or Professional Degree** | **None** | **Internship/ Residency** | 7,395 | 7,685 | 290 | 3.92% | 146 | 184 | 330 |
| **Doctoral or Professional Degree** | **None** | **None** | 21,128 | 21,868 | 740 | 3.50% | 371 | 372 | 743 |
| **Master's Degree** | **5 years or more** | **None** | 4,014 | 4,149 | 135 | 3.36% | 67 | 80 | 147 |
| **Master's Degree** | **Less than 5 years** | **None** | 2,356 | 2,426 | 70 | 2.97% | 35 | 61 | 96 |
| **Master's Degree** | **None** | **Internship/ Residency** | 929 | 963 | 34 | 3.66% | 17 | 18 | 35 |
| **Master's Degree** | **None** | **None** | 12,955 | 13,520 | 565 | 4.36% | 281 | 263 | 544 |
| **Bachelor's Degree** | **5 years or more** | **None** | 39,122 | 40,410 | 1,288 | 3.29% | 642 | 847 | 1,489 |
| **Bachelor's Degree** | **Less than 5 years** | **Internship/ Residency** | 1,071 | 1,097 | 26 | 2.43% | 13 | 26 | 39 |
| **Bachelor's Degree** | **Less than 5 years** | **Moderate-Term On-the-Job Training** | 161 | 162 | 1 | 0.62% | 0 | 2 | 2 |
| **Bachelor's Degree** | **Less than 5 years** | **None** | 38,458 | 39,756 | 1,298 | 3.38% | 666 | 775 | 1,441 |
| **Bachelor's Degree** | **Less than 5 years** | **Short-Term On-the-Job Training** | 196 | 200 | 4 | 2.04% | 2 | 4 | 6 |
| **Bachelor's Degree** | **None** | **Internship/ Residency** | 44,931 | 46,516 | 1,585 | 3.53% | 793 | 972 | 1,765 |
| **Bachelor's Degree** | **None** | **Long-Term On-the-Job Training** | 7,602 | 7,940 | 338 | 4.45% | 167 | 206 | 373 |
| **Bachelor's Degree** | **None** | **Moderate-Term On-the-Job Training** | 21,535 | 22,380 | 845 | 3.92% | 429 | 409 | 838 |
| **Bachelor's Degree** | **None** | **None** | 89,580 | 92,589 | 3,009 | 3.36% | 1,538 | 1,781 | 3,319 |
| **Bachelor's Degree** | **None** | **Short-Term On-the-Job Training** | 1,426 | 1,449 | 23 | 1.61% | 16 | 27 | 43 |
| **Associate's Degree** | **Less than 5 years** | **None** | 759 | 780 | 21 | 2.77% | 10 | 14 | 24 |
| **Associate's Degree** | **None** | **Long-Term On-the-Job Training** | 554 | 566 | 12 | 2.17% | 8 | 12 | 20 |
| **Associate's Degree** | **None** | **Moderate-Term On-the-Job Training** | 1,891 | 1,944 | 53 | 2.80% | 26 | 45 | 71 |
| **Associate's Degree** | **None** | **None** | 20,427 | 21,096 | 669 | 3.28% | 338 | 404 | 742 |
| **Associate's Degree** | **None** | **Short-Term On-the-Job Training** | 203 | 201 | -2 | -0.99% | 0 | 4 | 4 |
| **Postsecondary Non-Degree Award** | **5 years or more** | **Moderate-Term On-the-Job Training** | 40 | 41 | 1 | 2.50% | 0 | 1 | 1 |
| **Postsecondary Non-Degree Award** | **Less than 5 years** | **Moderate-Term On-the-Job Training** | 751 | 765 | 14 | 1.86% | 7 | 31 | 38 |
| **Postsecondary Non-Degree Award** | **Less than 5 years** | **None** | 367 | 380 | 13 | 3.54% | 7 | 10 | 17 |
| **Postsecondary Non-Degree Award** | **Less than 5 years** | **Short-Term On-the-Job Training** | 723 | 713 | -10 | -1.38% | 0 | 6 | 6 |
| **Postsecondary Non-Degree Award** | **None** | **Long-Term On-the-Job Training** | 6,463 | 6,688 | 225 | 3.48% | 118 | 138 | 256 |
| **Postsecondary Non-Degree Award** | **None** | **Moderate-Term On-the-Job Training** | 2,379 | 2,401 | 22 | 0.92% | 11 | 26 | 37 |
| **Postsecondary Non-Degree Award** | **None** | **None** | 49,792 | 51,313 | 1,521 | 3.05% | 775 | 1,120 | 1,895 |
| **Postsecondary Non-Degree Award** | **None** | **Short-Term On-the-Job Training** | 42,661 | 43,637 | 976 | 2.29% | 489 | 738 | 1,227 |
| **Some College, No Degree** | **None** | **Long-Term On-the-Job Training** | 78 | 77 | -1 | -1.28% | 0 | 2 | 2 |
| **Some College, No Degree** | **None** | **Moderate-Term On-the-Job Training** | 13,241 | 13,304 | 63 | 0.48% | 32 | 129 | 161 |
| **Some College, No Degree** | **None** | **None** | 13,439 | 13,929 | 490 | 3.65% | 245 | 260 | 505 |
| **Some College, No Degree** | **None** | **Short-Term On-the-Job Training** | 1,042 | 1,073 | 31 | 2.98% | 16 | 20 | 36 |
| **High School Diploma Or Equivalent** | **5 years or more** | **Long-Term On-the-Job Training** | 61 | 67 | 6 | 9.84% | 3 | 2 | 5 |
| **High School Diploma Or Equivalent** | **5 years or more** | **Moderate-Term On-the-Job Training** | 618 | 638 | 20 | 3.24% | 10 | 16 | 26 |
| **High School Diploma Or Equivalent** | **5 years or more** | **None** | 68,031 | 69,828 | 1,797 | 2.64% | 897 | 1,083 | 1,980 |
| **High School Diploma Or Equivalent** | **Less than 5 years** | **Long-Term On-the-Job Training** | 138 | 135 | -3 | -2.17% | 0 | 2 | 2 |
| **High School Diploma Or Equivalent** | **Less than 5 years** | **Moderate-Term On-the-Job Training** | 4,561 | 4,636 | 75 | 1.64% | 57 | 130 | 187 |
| **High School Diploma Or Equivalent** | **Less than 5 years** | **None** | 80,993 | 83,508 | 2,515 | 3.11% | 1,257 | 1,609 | 2,866 |
| **High School Diploma Or Equivalent** | **None** | **Apprenticeship** | 20,568 | 21,738 | 1,170 | 5.69% | 584 | 299 | 883 |
| **High School Diploma Or Equivalent** | **None** | **Long-Term On-the-Job Training** | 38,619 | 39,553 | 934 | 2.42% | 536 | 937 | 1,473 |
| **High School Diploma Or Equivalent** | **None** | **Moderate-Term On-the-Job Training** | 157,499 | 160,009 | 2,510 | 1.59% | 1,604 | 3,407 | 5,011 |
| **High School Diploma Or Equivalent** | **None** | **None** | 2,184 | 2,269 | 85 | 3.89% | 42 | 28 | 70 |
| **High School Diploma Or Equivalent** | **None** | **Short-Term On-the-Job Training** | 176,724 | 181,258 | 4,534 | 2.57% | 2,359 | 3,789 | 6,148 |
| **No Formal Educational Credential** | **Less than 5 years** | **Moderate-Term On-the-Job Training** | 9,349 | 9,997 | 648 | 6.93% | 324 | 252 | 576 |
| **No Formal Educational Credential** | **None** | **Long-Term On-the-Job Training** | 5,125 | 5,370 | 245 | 4.78% | 127 | 114 | 241 |
| **No Formal Educational Credential** | **None** | **Moderate-Term On-the-Job Training** | 13,697 | 14,137 | 440 | 3.21% | 336 | 250 | 586 |
| **No Formal Educational Credential** | **None** | **None** | 1,936 | 2,030 | 94 | 4.86% | 47 | 190 | 237 |
| **No Formal Educational Credential** | **None** | **Short-Term On-the-Job Training** | 335,783 | 348,026 | 12,243 | 3.65% | 6,192 | 10,734 | 16,926 |

##### Top 15 Content Skills

##### (Learned capabilities that allow workers to master and perform the specific activities of their jobs)

|  |  |  |
| --- | --- | --- |
| **Skills** | **Total Demand** | **Definition** |
| **Active Listening** | 20,669 | Giving full attention to what other people are saying, taking time to understand the points being made, asking questions as appropriate, and not interrupting at inappropriate times. |
| **Speaking** | 20,470 | Talking to others to convey information effectively. |
| **Reading Comprehension** | 9,767 | Understanding written sentences and paragraphs in work related documents. |
| **Social Perceptiveness** | 9,494 | Being aware of other’s reactions and understanding why they react as they do. |
| **Critical Thinking** | 6,046 | Using logic and reasoning to identify the strengths and weaknesses of alternative solutions, conclusions or approaches to problems. |
| **Monitoring** | 5,584 | Monitoring/Assessing performance of yourself, other individuals, or organizations to make improvements or take corrective action. |
| **Service Orientation** | 5,579 | Actively looking for ways to help people. |
| **Coordination** | 4,987 | Adjusting actions in relation to others' actions. |
| **Instructing** | 4,949 | Teaching others how to do something. |
| **Writing** | 4,889 | Communicating effectively in writing as appropriate for the needs of the audience. |
| **Judgment and Decision Making** | 3,723 | Considering the relative costs and benefits of potential actions to choose the most appropriate one. |
| **Learning Strategies** | 3,449 | Selecting and using training/instructional methods and procedures appropriate for the situation when learning or teaching new things. |
| **Time Management** | 1,952 | Managing one’s own time and the time of others. |
| **Repairing** | 1,668 | Repairing machines or systems using the needed tools. |
| **Equipment Maintenance** | 1,593 | Performing routine maintenance on equipment and determining when and what kind of maintenance is needed. |

##### Top 15 Knowledge Domains

##### (Learned sets of facts and standards required by many work situations)

|  |  |  |
| --- | --- | --- |
| **Knowledge Domains** | **Total Demand** | **Definition** |
| **Customer and Personal Service** | 41,654 | Knowledge of principles and processes for providing customer and personal services. This includes customer needs assessment, meeting quality standards for services, and evaluation of customer satisfaction. |
| **English Language** | 19,027 | Knowledge of principles and processes for providing customer and personal services. This includes customer needs assessment, meeting quality standards for services, and evaluation of customer satisfaction. |
| **Administration and Management** | 9,608 | Knowledge of business and management principles involved in strategic planning, resource allocation, human resources modeling, leadership technique, production methods, and coordination of people and resources. |
| **Education and Training** | 6,740 | Knowledge of principles and methods for curriculum and training design, teaching and instruction for individuals and groups, and the measurement of training effects. |
| **Psychology** | 5,768 | Knowledge of human behavior and performance; individual differences in ability, personality, and interests; learning and motivation; psychological research methods; and the assessment and treatment of behavioral and affective disorders. |
| **Clerical** | 5,625 | Knowledge of administrative and clerical procedures and systems such as word processing, managing files and records, stenography and transcription, designing forms, and other office procedures and terminology. |
| **Medicine and Dentistry** | 5,514 | Knowledge of the information and techniques needed to diagnose and treat human injuries, diseases, and deformities. This includes symptoms, treatment alternatives, drug properties and interactions, and preventive health-care measures. |
| **Mechanical** | 3,954 | Knowledge of machines and tools, including their designs, uses, repair, and maintenance. |
| **Sales and Marketing** | 3,841 | Knowledge of principles and methods for showing, promoting, and selling products or services. This includes marketing strategy and tactics, product demonstration, sales techniques, and sales control systems. |
| **Building and Construction** | 3,803 | Knowledge of materials, methods, and the tools involved in the construction or repair of houses, buildings, or other structures such as highways and roads. |
| **Mathematics** | 2,723 | Knowledge of arithmetic, algebra, geometry, calculus, statistics, and their applications. |
| **Computers and Electronics** | 2,482 | Knowledge of circuit boards, processors, chips, electronic equipment, and computer hardware and software, including applications and programming. |
| **Public Safety and Security** | 2,131 | Knowledge of relevant equipment, policies, procedures, and strategies to promote effective local, state, or national security operations for the protection of people, data, property, and institutions. |
| **Production and Processing** | 1,767 | Knowledge of raw materials, production processes, quality control, costs, and other techniques for maximizing the effective manufacture and distribution of goods. |
| **Economics and Accounting** | 1,487 | Knowledge of economic and accounting principles and practices, the financial markets, banking and the analysis and reporting of financial data. |

##### Appendix: Definition of Education/Training Codes

|  |  |  |
| --- | --- | --- |
| **Education Code** | **Type of Education** | **Definition** |
| 1 | Doctoral or Professional Degree | Requires at least three years of full-time academic study beyond a Bachelor’s Degree. |
| 2 | Master's Degree | Requires one or two years of full-time academic study beyond a Bachelor’s Degree. |
| 3 | Bachelor's Degree | Requires four to five years of full-time academic study beyond High School. |
| 4 | Associate’s Degree | Requires at least two years of full-time academic study beyond High School. |
| 5 | Postsecondary Non-Degree Award | Programs last a few weeks to more than a year; leads to a certificate or other award, but not a degree. |
| 6 | Some College, No Degree | Signifies the completion of a High School Diploma or equivalent program and one or more postsecondary courses that did not result in a degree or award. |
| 7 | High School Diploma or Equivalent | Signifies completion of high school or an equivalent program resulting in an award of a High School Diploma or an equivalent. |
| 8 | No Formal Education Credential | Signifies completion of any level of primary or secondary education that did not result in a High School Diploma or equivalent. |

|  |  |
| --- | --- |
| **Work Experience  Code** | **Amount of Work Experience** |
| 1 | 5 or More Years |
| 2 | Less than 5 Years |
| 3 | None |

|  |  |  |
| --- | --- | --- |
| **Job Training Code** | **Type of Training** | **Definition** |
| 1 | Apprenticeship | Combination of on-the-job training and related classroom instruction in which workers learn the practical and theoretical aspects of an occupation. |
| 2 | Internship/Residency | Involves preparation in a field under supervision in a professional setting. Commonly results in a license upon completion. |
| 3 | Long-Term On-the-Job Training | Requires twelve months of training or a combination of work experience and classroom instruction. |
| 4 | Moderate-Term On-the-Job Training | Requires one to twelve months of a combination of work experience and classroom instruction. |
| 5 | Short-Term On-the-Job Training | Requires a short demonstration of job duties or one month or less of training or work experience. |
| 6 | None | No additional training or preparation required. |

This workforce product was funded by a grant awarded by the U.S. Department of Labor's Employment and Training Administration. The product was created by the recipient and does not necessarily reflect the official position of the U.S. Department of Labor. The Department of Labor makes no guarantees, warranties, or assurances of any kind, express or implied, with respect to such information, including any information on linked sites and including, but not limited to, accuracy of the information or its completeness, timeliness, usefulness, adequacy, continued availability, or ownership. This product is copyrighted by the institution that created it. Internal use by an organization and/or personal use by an individual for non-commercial purposes is permissible. All other uses require the prior authorization of the copyright owner.