**ARKANSAS**

**SHORT-TERM INDUSTRY AND OCCUPATIONAL PROJECTIONS**

**2018-2020**

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#### Asa Hutchinson, Governor

#### State of Arkansas

Daryl Bassett, Director

Department of Workforce Services

**ARKANSAS**

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2018-2020

Published By:

Department of Workforce Services

Labor Market Information

Occupational Career Information

“Equal Opportunity Employer/Program”

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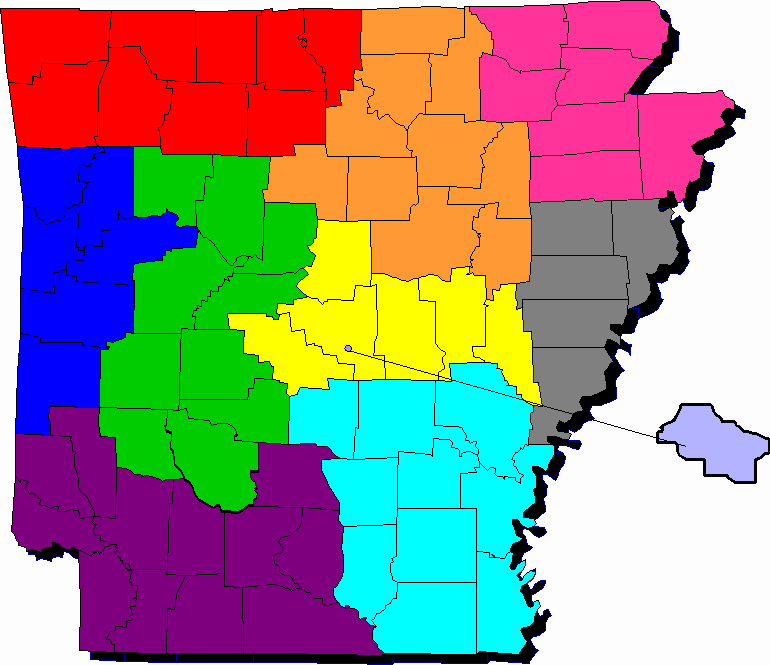
**Definitions of Important Terms**

| **Term** | **Definition** |
| --- | --- |
| **Estimated 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. |
| **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. |
| **Generalized Work Activities** | Learned sets of facts and standards required by many work situations |
| **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. |
| **Numeric 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 Wage (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. |

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**Local Workforce Development Areas**



##### **NW**

**WC**

**SW**

**E**

**NE**

**NC**

**C**

**W**

**LR**

**SE**

**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 classification 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 are included in this publication. Based on new Bureau of Labor Statistics (BLS) methodology, job openings are classified in three categories: Occupational Exits, Occupational Transfers, and Occupational Growth. It is important to look at all of these components when looking at specific occupations or occupational groups.

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 possess certain skills has become increasingly important in the labor market. A part of the publication presents the top skills that are in demand, as well as top knowledge domains and generalized work activities.

**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 to choose from, 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 are waiting for students.

Arkansas’ population, based on United States Census Bureau data estimates, was 3,013,828 as of July 1, 2018, an increase of 10,831 residents from the July 1, 2017 estimate of 3,002,997. The not-seasonally adjusted average unemployment rate for first quarter 2018 was 4.2 percent, while the seasonally adjusted number was 3.8 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 are 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 levels from the three sources listed above, with a time period of January 1990 to March of the base year 2018. 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 that 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, help 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 2017 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 2020. 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 all types of job openings, which include growth, exits, and transfers. Even if an occupation is in decline, it still may have openings to replace workers who leave the profession due to changing jobs or due to a person retiring or leaving the workforce for some other reason.

EXPLANATION OF INDUSTRY PROJECTIONS DATA

ARKANSAS-STATEWIDE

2018-2020

| **NAICS Code** | **NAICS Title** | **2018 Estimated Employment** | **2020 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 2018 | The projected number of jobs expected to be in an industry in 2020 | Total number of jobs an industry is expected to gain or lose over the 2018 to 2020 period | Percent change in the number of jobs in an industry over the 2018 to 2020 period |

2018-2020 Arkansas Statewide Industry Projections by Major Division

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **NAICS Code** | **North American Industry Classification System Title** | **2018 Estimated Employment** | **2020 Projected Employment** | **Numeric Change** | **Percent Change** |
| **000000** | **TOTAL ALL INDUSTRIES** | **1,406,886** | **1,445,628** | **38,742** | **2.75%** |
| ***000671*** | ***Total Self Employed and Unpaid Family Workers, All Jobs*** | ***133,257*** | ***136,453*** | ***3,196*** | ***2.40%*** |
| 006010 | Self Employed Workers, All Jobs | 125,560 | 128,383 | 2,823 | 2.25% |
| 007010 | Unpaid Family Workers, All Jobs | 7,697 | 8,070 | 373 | 4.85% |
| 101000 | Goods Producing | 235,979 | 245,045 | 9,066 | 3.84% |
| **101100** | **NATURAL RESOURCES AND MINING** | **27,062** | **29,041** | **1,979** | **7.31%** |
| 110000 | Agriculture, Forestry, Fishing and Hunting | 23,263 | 25,105 | 1,842 | 7.92% |
| 210000 | Mining | 3,799 | 3,936 | 137 | 3.61% |
| **101200** | **CONSTRUCTION** | **49,196** | **50,338** | **1,142** | **2.32%** |
| **101300** | **MANUFACTURING** | **159,721** | **165,666** | **5,945** | **3.72%** |
|  | ***Non-Durable Goods Manufacturing*** | ***83,892*** | ***87,427*** | ***3,535*** | ***4.21%*** |
|  | ***Durable Goods Manufacturing*** | ***75,829*** | ***78,239*** | ***2,410*** | ***3.18%*** |
| 102000 | Services Providing | 1,037,650 | 1,064,130 | 26,480 | 2.55% |
| **102100** | **TRADE, TRANSPORTATION, AND UTILITIES** | **249,652** | **253,013** | **3,361** | **1.35%** |
| 420000 | Wholesale Trade | 46,954 | 47,760 | 806 | 1.72% |
| 440000 | Retail Trade | 138,216 | 138,787 | 571 | 0.41% |
| 480000 | Transportation and Warehousing | 56,732 | 58,903 | 2,171 | 3.83% |
| 220000 | Utilities | 7,750 | 7,563 | -187 | -2.41% |
| **102200** | **INFORMATION** | **11,555** | **11,227** | **-328** | **-2.84%** |
| **102300** | **FINANCIAL ACTIVITIES** | **59,949** | **63,485** | **3,536** | **5.90%** |
| 520000 | Finance and Insurance | 46,540 | 49,566 | 3,026 | 6.50% |
| 530000 | Real Estate and Rental and Leasing | 13,409 | 13,919 | 510 | 3.80% |
| **102400** | **PROFESSIONAL AND BUSINESS SERVICES** | **145,947** | **152,191** | **6,244** | **4.28%** |
| 540000 | Professional, Scientific, and Technical Services | 44,091 | 45,476 | 1,385 | 3.14% |
| 550000 | Management of Companies and Enterprises | 35,292 | 36,195 | 903 | 2.56% |
| 560000 | Administrative and Support and Waste Management and Remediation Services | 66,564 | 70,520 | 3,956 | 5.94% |
| **102500** | **EDUCATION AND HEALTH SERVICES** | **305,341** | **312,917** | **7,576** | **2.48%** |
| 610000 | Educational Services | 116,353 | 117,772 | 1,419 | 1.22% |
| 620000 | Health Care and Social Assistance | 188,988 | 195,145 | 6,157 | 3.26% |
| **102600** | **LEISURE AND HOSPITALITY** | **114,711** | **118,481** | **3,770** | **3.29%** |
| 710000 | Arts, Entertainment, and Recreation | 10,258 | 10,862 | 604 | 5.89% |
| 720000 | Accommodation and Food Services | 104,453 | 107,619 | 3,166 | 3.03% |
| **102700** | **OTHER SERVICES (EXCEPT GOVERNMENT)** | **56,906** | **58,360** | **1,454** | **2.56%** |
| **102800** | **GOVERNMENT** | **93,589** | **94,456** | **867** | **0.93%** |

**Industry Outlook**

Between first quarter 2017 and first quarter 2018, an increase of 11,251 jobs was seen in the Arkansas economy, which translates to a 0.94 percent increase in jobs. The job market is expected to continue this growth with an increase of 38,742 jobs, equivalent to a 2.75 percent rise in employment by 2020. Goods-Producing industries are estimated to see a net gain of 9,066 jobs, while the Services-Providing industries are forecast to increase employment by 26,480. Arkansas’ self-employed and unpaid family workers ranks are estimated to experience a net gain of 3,196, an increase of 2.40 percent.

**Natural Resources and Mining**

Employment in **Natural Resources and Mining** is expected to gain 1,979 jobs, or 7.31 percent, making it the fastest growing supersector. The **Agriculture, Forestry, Fishing and Hunting** sector is projected to add 1,842 jobs, or raise employment by 7.92 percent, making it the fastest growing sector. The Bureau of Economic Analysis shows a large increase in farming jobs between 2015 and 2017 indicating a potential increase in private farms. *Crop Production* anticipates a gain of 807 jobs, while *Animal Production* could see a gain of 969. Both industries made the Top 20 Growing Industries and Top 20 Fastest Growing Industries lists. The **Mining** sector could see a recovery from recent declines, with a gain of 137. The biggest gain could come in *Mining (except Oil and Gas)* with an increase of 92 jobs, a 5.34 percent rise in jobs. *Support Activities for Mining* is slated to gain 69 new jobs, while *Oil and Gas Extraction* could see a cut of 24 jobs between 2018 and 2020.

**Construction**  
**Construction** is expected to grow by 1,142 jobs between 2018 and 2020, a 2.32 percent gain. The *Specialty Trade Contractors* subsector is estimated to gain 916 jobs during the projection period, roughly 80 percent of the total growth in **Construction.** Building Equipment Contractors could account for 430 of those jobs. Residential Building Construction is expected to make the top 10 in the Top 20 Fastest Growing Industries list at a rate of 10.7 percent. However, not all of the **Construction** supersector is seeing a favorable outlook. *Heavy and Civil Engineering Construction* is projected to lose 167 jobs overall. Driving the decline is Utility System Construction, with a loss of 113 jobs, while Other Heavy and Civil Engineering Construction could see a decline of 56 jobs, or 9.02 percent, placing the industry among the top 10 of the Top 20 Fastest Declining Industries list.

**Non-Durable Goods Manufacturing**  
**Non-Durable Goods Manufacturing** is projected to experience a net gain of 3,535 jobs. *Food Manufacturing* is the biggest driver of the growth, with an anticipated gain of 2,354 jobs, almost two-thirds of the growth among non-durable goods industries. Animal Slaughtering and Processing could see strong growth during the projection period, with an anticipated increase of 1,854 jobs, placing it among the Top 5 on the Top 20 Growing Industries list. Animal Food Manufacturing is predicted to gain 9.78 percent, placing the industry on the Top 20 Fastest Growing Industries list for the state. Other highlights in **Non-Durable Goods Manufacturing** include*Textile Mills*, which is expected to experience significant growth with a 72.81 percent gain with multiple new plants expected to take shape. Not all areas in **Non-Durable Goods Manufacturing** see a favorable outlook. *Printing and Related Support Activities* is estimated to lose 100 jobs between 2018 and 2020, a 2.55 percent decline. This industry made the Top 20 Declining Industries list. Two other industries are also included in the Top 20 Declining Industries list, including Apparel Knitting Mills, which could lose 100 jobs, or 17.18 percent of its workforce, the second fastest decline in the state.

**Durable Goods Manufacturing**

**Durable Goods Manufacturing** is forecasted to see a strong outlook between 2018 and 2020, with a net gain of 2,410 jobs. The brightest outlook could come in *Transportation Equipment Manufacturing*, with a gain of 997 jobs, an increase of 7.18 percent. Ship and Boat Building is estimated to increase by 9.63 percent, and places in the Top 20 Fastest Growing Industries list. Other strong growth industries include Iron and Steel Mills and Ferroalloy Manufacturing, which is estimated to be the fastest growing industry among **Durable Goods Manufacturing,** with a 13.13 percent gain, placing among the top five of the Top 20 Fastest Growing Industries list. Three industries in **Durable Goods Manufacturing** are included in the Top 20 Declining Industries list. Steel Product Manufacturing from Purchased Steel also places on the Top 20 Fastest Growing Industries list, at a 9.77 percent change. On the negative side of the job market, *Electrical Equipment, Appliance, and Component Manufacturing* could see a 6.92 percent reduction in employment, or 325 jobs. Electrical Equipment Manufacturing is predicted to be the top declining industry among durable goods manufacturing industries, and fourth statewide with a loss of 248 jobs. Its 7.98 percent loss places among the top ten fastest declining industries in the state. Nonferrous Metal (except Aluminum) Production and Processing is slated to be third in the state in percent decline, losing 13.51 percent of its respective workforce. In all, six industries in **Durable Goods Manufacturing** made the Top 20 Fastest Declining Industries list.

**Wholesale Trade**

The **Wholesale Trade** sector is projected to have a net gain of 806 jobs, a 1.72 percent increase. *Merchant Wholesalers, Durable Goods* is slated to see the majority of this growth, gaining 720 jobs, an increase of 3.07 percent, making the Top 20 Growing Industries list. *Wholesale Electronic Markets and Agents and Brokers* is predicted to gain an additional 139 jobs, while *Merchant Wholesalers, Nondurable Goods* is estimated to lose 53 jobs, just 0.30 percent of its workforce.

**Retail Trade**

**Retail Trade** is projected to see a mixed outlook, but should manage to add a modest 571 jobs, a growth of less than one-half percent.*Building Material and Garden Equipment and Supplies Dealers* is estimated to lead all subsectors in growth, adding 1,037 jobs to the labor market, an increase of 8.78 percent. Within this subsector, Building Material and Supplies Dealers is projected to add 997 jobs, or a gain of 10.04 percent, making the Top 10 in both the Top 20 Growing Industries list, as well as the Top 20 Fastest Growing Industries list. Seven subsectors are anticipated to experience job loss, with Food and Beverage Stores leading with 459 jobs being cut. Food and Beverage Stores also leads the state for job decline, as many grocery store chains are increasing Scan N Go as well as online grocery shopping and pickup programs. Direct Selling Establishments could lose 10.55 percent of its workforce, becoming the fourth fastest declining industry in the state. General Merchandise Stores is projected to lose 274 jobs, placing third in the state in decline, while Sporting Goods, Hobby, and Musical Instrument Stores is slated to lose 229 jobs, or 5.81 percent of its workforce, as the industry has fallen almost 20 percent from its late 2013 peak.

**Transportation and Warehousing**

The **Transportation and Warehousing** sector is predicted to have a net gain of 2,171 jobs over the projection period. *Truck Transportation* is projected to lead all subsectors in this sector, with 1,136 new jobs. Three industries in this sector make the top 10 of the Top 20 Fastest Growing Industries list. Nonscheduled Air Transportation is slated to be the fastest growing industry in the state, growing at a rate of 22.33 percent. A step behind is Other Transit and Ground Passenger Transportation, at a 22.21 percent growth. Support Activities for Rail Transportation is predicted to gain 12.08 percent, placing sixth overall in percent change. On the negative side, *Pipeline Transportation* could see a drop of 43 jobs, or 10.39 percent of its workforce.

**Utilities**

The **Utilities** sector could see a drop in employment by March 2020, with a loss of 187 jobs, or 2.41 percent of its workforce. Electric Power Generation, Transmission and Distribution is estimated to lose 139 jobs, placing among the top 10 in the Top 20 Declining Industries list. Natural Gas Distribution could lose 66 jobs, or 6.30 percent of its workforce, placing among the top 10 of the Top 20 Fastest declining industries. Water, Sewage and Other Systems is predicted to have the only favorable outlook in this sector, adding 18 jobs to its workforce.

**Information**

**Information** is expected to experience a loss of 328 jobs, or 2.84 percent of its workforce. *Publishing Industries (except Internet)* is slated to take the brunt of the loss with a 211 employees decline, or 6.22 percent of its workforce. Within this subsector is Newspaper, Periodical, Book, and Directory Publishers, which is anticipated to lose 240 jobs, placing fifth in the Top 20 Declining Industries list and among the top 10 of the Top 20 Fastest Declining Industries list at a rate of 7.98 percent. The brightest outlook in this supersector could come in Software Publishers, gaining 29 jobs during the 2018-2020 projection period, increasing by 7.49 percent.

**Finance and Insurance**

The **Finance and Insurance** sector is predicted to experience a net gain of 3,026 jobs between 2018 and 2020, a 6.50 percent rise in employment. *Insurance Carriers and Related Activities* could see a rise in employment over the 2018-2020 period, with 2,641 new jobs. The subsector grew by 2.63 percent between 2016 and 2017. Insurance Carriers are likely to drive this growth, adding 2,694 jobs, or a 16.54 percent increase, making the industry the top growing industry and third overall in percent growth. *Credit Intermediation and Related Activities* could see a net gain of 325 new jobs.

**Real Estate and Rental and Leasing**

The **Real Estate and Rental and Leasing** sector is expected to see a net gain of 510 jobs during the projection period, equivalent to a 3.80 percent increase. The *Real Estate* subsector is predicted to dominate the growth in the sector, adding 583 new jobs to its workforce, making the Top 20 Growing Industries list. On the flip side of the **Real Estate and Rental and Leasing** sector, *Rental and Leasing Services* is projected to lose 57 jobs during the projection period, while *Lessors of Nonfinancial Intangible Assets (except Copyrighted Works)* could fall by 47.06 percent of its workforce, making the industry the fastest declining industry in the state.

**Professional, Scientific, and Technical Services**

The **Professional, Scientific, and Technical Services** sector is predicted to add 1,385 new jobs, an increase of 3.14 percent. Management, Scientific, and Technical Consulting Services is estimated to be the top and fastest growing industry in this sector, gaining 574 new jobs, an increase of 8.85 percent. The industry makes both the Top 20 Growing Industries and Top 20 Fastest Growing Industries lists. Specialized Design Services is slated to lose jobs, cutting 15 from its workforce, or 4.46 percent, and making the Top 20 Fastest Declining Industries list.

**Management of Companies and Enterprises**

Between first quarter 2017 and first quarter 2018, the **Management of Companies and Enterprises** sector experienced a loss of 1,335 new jobs. The industry is still, however, estimated to see growth during the projection period, with 903 new jobs, a 2.56 percent increase. The industry remains on 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 3,956 new jobs, a 5.94 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 3,749 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 add 2,311 new jobs, which is third overall in numeric change, while Services to Buildings and Dwellings is anticipated to add 905 to its workforce. *Waste Management and Remediation Services* is predicted to have a gain of 207 jobs between 2018 and 2020.

**Educational Services**

The **Educational Services** sector is predicted to experience a net gain of 1,419 jobs during the projection period. Colleges, Universities, and Professional Schools is slated to add 879 jobs, placing in the Top 20 Growing Industries list, while Elementary and Secondary Schools could see a gain of 449. Junior Colleges could see a slight dip in employment, while Business Schools and Computer and Management Training could be the fastest growing industry in this sector at a rate of 6.25 percent.

**Health Care and Social Assistance**

The **Health Care and Social Assistance** sector is projected to add 6,157 jobs, making it the top growing industry sector in the state and responsible for more than 81 percent of the growth in **Education and Health Services,** which is expected to be the top growing supersector with an increase of 7,576 jobs. The *Ambulatory Health Care Services* subsector is estimated to add 2,784 jobs to the Arkansas labor market, while *Hospitals* is predicted to add a total of 781 to its workforce. Offices of Physicians is estimated to add 1,004 new jobs, placing it among the Top 10 on the Top 20 Growing Industries list. Offices of Other Health Professionals could increase by an additional 633 jobs. Specialty (except Psychiatric and Substance Abuse) Hospitals, with a growth of 10.38 percent, places among the top 10 of the Top 20 Fastest Growing Industries list. The *Social Assistance* subsector is projected to have a net gain of 1,823 jobs, while *Nursing and Residential Care Facilities* is projected to add 769. Individual and Family Services is predicted to be the top growing industry in **Health Care and Social Assistance** and fifth overall in the state, with an anticipated growth of 1,596 jobs.

**Arts, Entertainment, and Recreation**

The **Arts, Entertainment, and Recreation** sector is projected to experience a net gain of 604 jobs. More than 80 percent of the growth is likely to come in *Amusement, Gambling, and Recreation Industries*, which is projected to gain 503 jobs between 2018 and 2020, an increase of 7.48 percent, while *Performing Arts, Spectator Sports, and Related Industries* is predicted to have a net gain of 63 jobs. Other Amusement and Recreation Industries is predicted to add the most jobs increasing by 338 jobs, an increase of 5.18 percent. On the negative side of the job market, Performing Arts Companies is predicted to lose 10.28 percent of its workforce, making the top five of the Top 20 Fastest Declining Industries list.

**Accommodation and Food Services**

The **Accommodation and Food Services** sector will likely see most of the growth projected to occur in the **Leisure and Hospitality** supersector, with an increase of 3,166 jobs. The *Food Services and Drinking Places* subsector will likely drive the growth with a net gain of 3,079 jobs. Restaurants and Other Eating Places is projected to be the second highest growing industry in the state with a gain of 2,675 jobs. The industry added 1,335 jobs between first quarter 2017 and first quarter 2018. *Accommodation, Including Hotels and Motels* could gain an additional 87 jobs during the projection period.

**Other Services (Except Government)**

The **Other Services** (**Except** **Government**) supersector is expected to experience a net gain of 1,454 jobs between 2018 and 2020. *Religious, Grantmaking, Civic, Professional, and Similar Organizations* is predicted to experience a net gain of 1,355 jobs, while *Repair and Maintenance* is projected to see a net gain of 187 jobs. Religious Organizations could be the top growing industry in **Other Services (Except Government)**, with an anticipated 1,131 new jobs. Private Households is estimated to lose 174 jobs, or 4.24 percent of its workforce.

**Government**

The **Government** supersector is projected to see a net gain of 867 jobs during the projection period. Local Government, Excluding Education and Hospitals is predicted to have the brightest outlook with 982 new jobs, placing in the top 10 of the Top 20 Growing Industries list. State Government, Excluding Education and Hospitals could add 169 jobs. Federal Government, Excluding Post Office could see a loss of 289 jobs during the projection period, while Postal Service could see minimal change, with a gain of 5 employees.

Top 20 Growing Industries by Numeric Change

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **NAICS Code** | **NAICS Title** | **2018 Estimated Employment** | **2020 Projected Employment** | **Numeric Change** | **Percent Change** |
| 524100 | Insurance Carriers | 16,283 | 18,977 | **2,694** | 16.54% |
| 722500 | Restaurants and Other Eating Places | 88,034 | 90,709 | **2,675** | 3.04% |
| 561300 | Employment Services | 28,328 | 30,639 | **2,311** | 8.16% |
| 311600 | Animal Slaughtering and Processing | 32,908 | 34,762 | **1,854** | 5.63% |
| 624100 | Individual and Family Services | 25,143 | 26,739 | **1,596** | 6.35% |
| 484000 | Truck Transportation | 31,610 | 32,746 | **1,136** | 3.59% |
| 813100 | Religious Organizations | 23,331 | 24,462 | **1,131** | 4.85% |
| 621100 | Offices of Physicians | 24,919 | 25,923 | **1,004** | 4.03% |
| 444100 | Building Material and Supplies Dealers | 9,930 | 10,927 | **997** | 10.04% |
| 999300 | Local Government, Excluding Education and Hospitals | 39,158 | 40,140 | **982** | 2.51% |
| 112000 | Animal Production | 7,198 | 8,167 | **969** | 13.46% |
| 561700 | Services to Buildings and Dwellings | 14,478 | 15,383 | **905** | 6.25% |
| 551000 | Management of Companies and Enterprises | 35,292 | 36,195 | **903** | 2.56% |
| 611300 | Colleges, Universities, and Professional Schools | 27,614 | 28,493 | **879** | 3.18% |
| 111000 | Crop Production | 7,869 | 8,676 | **807** | 10.26% |
| 423000 | Merchant Wholesalers, Durable Goods | 23,419 | 24,139 | **720** | 3.07% |
| 621300 | Offices of Other Health Practitioners | 9,189 | 9,822 | **633** | 6.89% |
| 531000 | Real Estate | 9,398 | 9,981 | **583** | 6.20% |
| 541600 | Management, Scientific, and Technical Consulting Services | 6,485 | 7,059 | **574** | 8.85% |
| 332000 | Fabricated Metal Product Manufacturing | 15,471 | 15,929 | **458** | 2.96% |

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

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **NAICS Code** | **NAICS Title** | **2018 Estimated Employment** | **2020 Projected Employment** | **Numeric Change** | **Percent Change** |
| 481200 | Nonscheduled Air Transportation | 103 | 126 | 23 | **22.33%** |
| 485900 | Other Transit and Ground Passenger Transportation | 959 | 1,172 | 213 | **22.21%** |
| 524100 | Insurance Carriers | 16,283 | 18,977 | 2,694 | **16.54%** |
| 112000 | Animal Production | 7,198 | 8,167 | 969 | **13.46%** |
| 331100 | Iron and Steel Mills and Ferroalloy Manufacturing | 3,168 | 3,584 | 416 | **13.13%** |
| 488200 | Support Activities for Rail Transportation | 737 | 826 | 89 | **12.08%** |
| 236100 | Residential Building Construction | 3,450 | 3,819 | 369 | **10.70%** |
| 622300 | Specialty (except Psychiatric and Substance Abuse) Hospitals | 3,633 | 4,010 | 377 | **10.38%** |
| 111000 | Crop Production | 7,869 | 8,676 | 807 | **10.26%** |
| 444100 | Building Material and Supplies Dealers | 9,930 | 10,927 | 997 | **10.04%** |
| 562900 | Remediation and Other Waste Management Services | 1,060 | 1,165 | 105 | **9.91%** |
| 311100 | Animal Food Manufacturing | 2,005 | 2,201 | 196 | **9.78%** |
| 331200 | Steel Product Manufacturing from Purchased Steel | 2,006 | 2,202 | 196 | **9.77%** |
| 336600 | Ship and Boat Building | 2,149 | 2,356 | 207 | **9.63%** |
| 488500 | Freight Transportation Arrangement | 2,078 | 2,268 | 190 | **9.14%** |
| 722300 | Special Food Services | 4,715 | 5,138 | 423 | **8.97%** |
| 541600 | Management, Scientific, and Technical Consulting Services | 6,485 | 7,059 | 574 | **8.85%** |
| 481100 | Scheduled Air Transportation | 656 | 712 | 56 | **8.54%** |
| 488100 | Support Activities for Air Transportation | 982 | 1,063 | 81 | **8.25%** |
| 561300 | Employment Services | 28,328 | 30,639 | 2,311 | **8.16%** |

##### Top 20 Declining Industries by Numeric Change

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **NAICS Code** | **NAICS Title** | **2018 Estimated Employment** | **2020 Projected Employment** | **Numeric Change** | **Percent Change** |
| 445000 | Food and Beverage Stores | 19,463 | 19,004 | **-459** | -2.36% |
| 999100 | Federal Government, Excluding Post Office | 14,658 | 14,369 | **-289** | -1.97% |
| 452000 | General Merchandise Stores | 38,596 | 38,322 | **-274** | -0.71% |
| 335300 | Electrical Equipment Manufacturing | 3,109 | 2,861 | **-248** | -7.98% |
| 511100 | Newspaper, Periodical, Book, and Directory Publishers | 3,006 | 2,766 | **-240** | -7.98% |
| 451100 | Sporting Goods, Hobby, and Musical Instrument Stores | 3,941 | 3,712 | **-229** | -5.81% |
| 448100 | Clothing Stores | 6,250 | 6,041 | **-209** | -3.34% |
| 814000 | Private Households | 4,103 | 3,929 | **-174** | -4.24% |
| 221100 | Electric Power Generation, Transmission and Distribution | 5,764 | 5,625 | **-139** | -2.41% |
| 517000 | Telecommunications | 3,552 | 3,415 | **-137** | -3.86% |
| 237100 | Utility System Construction | 4,415 | 4,302 | **-113** | -2.56% |
| 315100 | Apparel Knitting Mills | 582 | 482 | **-100** | -17.18% |
| 323000 | Printing and Related Support Activities | 3,926 | 3,826 | **-100** | -2.55% |
| 331500 | Foundries | 1,625 | 1,535 | **-90** | -5.54% |
| 311400 | Fruit and Vegetable Preserving and Specialty Food Manufacturing | 4,072 | 3,990 | **-82** | -2.01% |
| 453000 | Miscellaneous Store Retailers | 6,872 | 6,795 | **-77** | -1.12% |
| 321200 | Veneer, Plywood, and Engineered Wood Product Manufacturing | 1,789 | 1,717 | **-72** | -4.02% |
| 454300 | Direct Selling Establishments | 654 | 585 | **-69** | -10.55% |
| 221200 | Natural Gas Distribution | 1,047 | 981 | **-66** | -6.30% |
| 813900 | Business, Professional, Labor, Political, and Similar Organizations | 2,710 | 2,647 | **-63** | -2.32% |

Top 20 Fastest Declining Industries by Percent Change (Numeric Change No Greater than -5)

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **NAICS Code** | **NAICS Title** | **2018 Estimated Employment** | **2020 Projected Employment** | **Numeric Change** | **Percent Change** |
| *533000* | *Lessors of Nonfinancial Intangible Assets (except Copyrighted Works)* | *34* | *18* | *-16* | ***-47.06%*** |
| 315100 | Apparel Knitting Mills | 582 | 482 | -100 | **-17.18%** |
| 331400 | Nonferrous Metal (except Aluminum) Production and Processing | 348 | 301 | -47 | **-13.51%** |
| 454300 | Direct Selling Establishments | 654 | 585 | -69 | **-10.55%** |
| 711100 | Performing Arts Companies | 360 | 323 | -37 | **-10.28%** |
| 237900 | Other Heavy and Civil Engineering Construction | 621 | 565 | -56 | **-9.02%** |
| 511100 | Newspaper, Periodical, Book, and Directory Publishers | 3,006 | 2,766 | -240 | **-7.98%** |
| 335300 | Electrical Equipment Manufacturing | 3,109 | 2,861 | -248 | **-7.98%** |
| 221200 | Natural Gas Distribution | 1,047 | 981 | -66 | **-6.30%** |
| 561500 | Travel Arrangement and Reservation Services | 353 | 332 | -21 | **-5.95%** |
| 451100 | Sporting Goods, Hobby, and Musical Instrument Stores | 3,941 | 3,712 | -229 | **-5.81%** |
| 331500 | Foundries | 1,625 | 1,535 | -90 | **-5.54%** |
| 485500 | Charter Bus Industry | 92 | 87 | -5 | **-5.43%** |
| 335900 | Other Electrical Equipment and Component Manufacturing | 1,216 | 1,154 | -62 | **-5.10%** |
| 334500 | Navigational, Measuring, Electromedical, and Control Instruments Manufacturing | 405 | 385 | -20 | **-4.94%** |
| 454200 | Vending Machine Operators | 477 | 454 | -23 | **-4.82%** |
| 331300 | Alumina and Aluminum Production | 842 | 803 | -39 | **-4.63%** |
| 541400 | Specialized Design Services | 336 | 321 | -15 | **-4.46%** |
| 448200 | Shoe Stores | 1,168 | 1,117 | -51 | **-4.37%** |
| *814000* | *Private Households* | *4,103* | *3,929* | *-174* | ***-4.24%*** |

| **NAICS Code** | **North American Industry Classification System Title** | **2018 Estimated Employment** | **2020 Projected Employment** | **Numeric Change** | **Percent Change** |
| --- | --- | --- | --- | --- | --- |
| **000000** | **TOTAL ALL INDUSTRIES** | **1,406,886** | **1,445,628** | **38,742** | **2.75%** |
|  |  |  |  |  |  |
| **000671** | **Total Self Employed and Unpaid Family Workers, All Jobs** | **133,257** | **136,453** | **3,196** | **2.40%** |
| *006010* | *Self Employed Workers, All Jobs* | *125,560* | *128,383* | *2,823* | *2.25%* |
| *007010* | *Unpaid Family Workers, All Jobs* | *7,697* | *8,070* | *373* | *4.85%* |
|  |  |  |  |  |  |
| 101000 | Goods Producing | 235,979 | 245,045 | 9,066 | 3.84% |
|  |  |  |  |  |  |
| **101100** | **NATURAL RESOURCES AND MINING** | **27,062** | **29,041** | **1,979** | **7.31%** |
|  |  |  |  |  |  |
| ***110000*** | ***Agriculture, Forestry, Fishing and Hunting*** | ***23,263*** | ***25,105*** | ***1,842*** | ***7.92%*** |
| *111000* | *Crop Production* | *7,869* | *8,676* | *807* | *10.26%* |
| *112000* | *Animal Production* | *7,198* | *8,167* | *969* | *13.46%* |
| *115000* | *Support Activities for Agriculture and Forestry* | *5,843* | *5,917* | *74* | *1.27%* |
|  | *Other* | *2,353* | *2,345* | *-8* | *-0.34%* |
|  |  |  |  |  |  |
| ***210000*** | ***Mining*** | ***3,799*** | ***3,936*** | ***137*** | ***3.61%*** |
| *211000* | *Oil and Gas Extraction* | *727* | *703* | *-24* | *-3.30%* |
| *212000* | *Mining (except Oil and Gas)* | *1,723* | *1,815* | *92* | *5.34%* |
| *213000* | *Support Activities for Mining* | *1,349* | *1,418* | *69* | *5.11%* |
|  |  |  |  |  |  |
| **101200** | **CONSTRUCTION** | **49,196** | **50,338** | **1,142** | **2.32%** |
|  |  |  |  |  |  |
| *236000* | *Construction of Buildings* | *10,446* | *10,839* | *393* | *3.76%* |
| 236100 | Residential Building Construction | 3,450 | 3,819 | 369 | 10.70% |
| 236200 | Nonresidential Building Construction | 6,996 | 7,020 | 24 | 0.34% |
| *237000* | *Heavy and Civil Engineering Construction* | *7,922* | *7,755* | *-167* | *-2.11%* |
| 237100 | Utility System Construction | 4,415 | 4,302 | -113 | -2.56% |
| 237200 | Land Subdivision | 76 | 72 | -4 | -5.26% |
| 237300 | Highway, Street, and Bridge Construction | 2,810 | 2,816 | 6 | 0.21% |
| 237900 | Other Heavy and Civil Engineering Construction | 621 | 565 | -56 | -9.02% |
| *238000* | *Specialty Trade Contractors* | *30,828* | *31,744* | *916* | *2.97%* |
| 238100 | Foundation, Structure, and Building Exterior Contractors | 5,728 | 5,888 | 160 | 2.79% |
| 238200 | Building Equipment Contractors | 16,945 | 17,375 | 430 | 2.54% |
| 238300 | Building Finishing Contractors | 3,772 | 3,883 | 111 | 2.94% |
| 238900 | Other Specialty Trade Contractors | 4,383 | 4,598 | 215 | 4.91% |
|  |  |  |  |  |  |
| **101300** | **MANUFACTURING** | **159,721** | **165,666** | **5,945** | **3.72%** |
|  |  |  |  |  |  |
|  | ***Non-Durable Goods Manufacturing*** | ***83,892*** | ***87,427*** | ***3,535*** | ***4.21%*** |
| *311000* | *Food Manufacturing* | *48,472* | *50,826* | *2,354* | *4.86%* |
| 311100 | Animal Food Manufacturing | 2,005 | 2,201 | 196 | 9.78% |
| 311200 | Grain and Oilseed Milling | 2,706 | 2,758 | 52 | 1.92% |
| 311400 | Fruit and Vegetable Preserving and Specialty Food Manufacturing | 4,072 | 3,990 | -82 | -2.01% |
| 311600 | Animal Slaughtering and Processing | 32,908 | 34,762 | 1,854 | 5.63% |
| 311800 | Bakeries and Tortilla Manufacturing | 3,892 | 4,052 | 160 | 4.11% |
| 311900 | Other Food Manufacturing | 2,289 | 2,460 | 171 | 7.47% |
|  | Other | 600 | 603 | 3 | 0.50% |
| *312000* | *Beverage and Tobacco Product Manufacturing* | *1,461* | *1,565* | *104* | *7.12%* |
| *313000* | *Textile Mills* | *114* | *197* | *83* | *72.81%* |
| *314000* | *Textile Product Mills* | *982* | *993* | *11* | *1.12%* |
| 314100 | Textile Furnishings Mills | 38 | 38 | 0 | 0.00% |
| 314900 | Other Textile Product Mills | 944 | 955 | 11 | 1.17% |
| *315000* | *Apparel Manufacturing* | *827* | *879* | *52* | *6.29%* |
| 315100 | Apparel Knitting Mills | 582 | 482 | -100 | -17.18% |
|  | Other | 245 | 397 | 152 | 62.04% |
| *316000* | *Leather and Allied Product Manufacturing* | *1,016* | *1,003* | *-13* | *-1.28%* |
| 316200 | Footwear Manufacturing | 828 | 817 | -11 | -1.33% |
| 316900 | Other Leather and Allied Product Manufacturing | 188 | 186 | -2 | -1.06% |
| *322000* | *Paper Manufacturing* | *9,566* | *9,858* | *292* | *3.05%* |
| 322100 | Pulp, Paper, and Paperboard Mills | 3,841 | 4,135 | 294 | 7.65% |
| 322200 | Converted Paper Product Manufacturing | 5,725 | 5,723 | -2 | -0.03% |
| *323000* | *Printing and Related Support Activities* | *3,926* | *3,826* | *-100* | *-2.55%* |
| *324000* | *Petroleum and Coal Products Manufacturing* | *1,205* | *1,205* | *0* | *0.00%* |
| *325000* | *Chemical Manufacturing* | *5,414* | *5,682* | *268* | *4.95%* |
| *326000* | *Plastics and Rubber Products Manufacturing* | *10,909* | *11,393* | *484* | *4.44%* |
| 326100 | Plastics Product Manufacturing | 6,669 | 7,030 | 361 | 5.41% |
| 326200 | Rubber Product Manufacturing | 4,240 | 4,363 | 123 | 2.90% |
|  |  |  |  |  |  |
|  | ***Durable Goods Manufacturing*** | ***75,829*** | ***78,239*** | ***2,410*** | ***3.18%*** |
| *321000* | *Wood Product Manufacturing* | *9,710* | *9,967* | *257* | *2.65%* |
| 321100 | Sawmills and Wood Preservation | 4,721 | 4,938 | 217 | 4.60% |
| 321200 | Veneer, Plywood, and Engineered Wood Product Manufacturing | 1,789 | 1,717 | -72 | -4.02% |
| 321900 | Other Wood Product Manufacturing | 3,200 | 3,312 | 112 | 3.50% |
| *327000* | *Nonmetallic Mineral Product Manufacturing* | *3,583* | *3,633* | *50* | *1.40%* |
| *331000* | *Primary Metal Manufacturing* | *7,989* | *8,425* | *436* | *5.46%* |
| 331100 | Iron and Steel Mills and Ferroalloy Manufacturing | 3,168 | 3,584 | 416 | 13.13% |
| 331200 | Steel Product Manufacturing from Purchased Steel | 2,006 | 2,202 | 196 | 9.77% |
| 331300 | Alumina and Aluminum Production | 842 | 803 | -39 | -4.63% |
| 331400 | Nonferrous Metal (except Aluminum) Production and Processing | 348 | 301 | -47 | -13.51% |
| 331500 | Foundries | 1,625 | 1,535 | -90 | -5.54% |
| *332000* | *Fabricated Metal Product Manufacturing* | *15,471* | *15,929* | *458* | *2.96%* |
| *333000* | *Machinery Manufacturing* | *11,345* | *11,743* | *398* | *3.51%* |
| *334000* | *Computer and Electronic Product Manufacturing* | *2,148* | *2,202* | *54* | *2.51%* |
| 334400 | Semiconductor and Other Electronic Component Manufacturing | 1,533 | 1,616 | 83 | 5.41% |
| 334500 | Navigational, Measuring, Electromedical, and Control Instruments Manufacturing | 405 | 385 | -20 | -4.94% |
|  | Other | 210 | 201 | -9 | -4.29% |
| *335000* | *Electrical Equipment, Appliance, and Component Manufacturing* | *4,697* | *4,372* | *-325* | *-6.92%* |
| 335100 | Electric Lighting Equipment Manufacturing | 334 | 322 | -12 | -3.59% |
| 335200 | Household Appliance Manufacturing | 38 | 35 | -3 | -7.89% |
| 335300 | Electrical Equipment Manufacturing | 3,109 | 2,861 | -248 | -7.98% |
| 335900 | Other Electrical Equipment and Component Manufacturing | 1,216 | 1,154 | -62 | -5.10% |
| *336000* | *Transportation Equipment Manufacturing* | *13,893* | *14,890* | *997* | *7.18%* |
| 336200 | Motor Vehicle Body and Trailer Manufacturing | 2,122 | 2,237 | 115 | 5.42% |
| 336300 | Motor Vehicle Parts Manufacturing | 5,368 | 5,640 | 272 | 5.07% |
| 336400 | Aerospace Product and Parts Manufacturing | 2,990 | 3,158 | 168 | 5.62% |
| 336600 | Ship and Boat Building | 2,149 | 2,356 | 207 | 9.63% |
|  | Other | 1,264 | 1,499 | 235 | 18.59% |
| *337000* | *Furniture and Related Product Manufacturing* | *3,662* | *3,716* | *54* | *1.47%* |
| *339000* | *Miscellaneous Manufacturing* | *3,331* | *3,362* | *31* | *0.93%* |
| 339100 | Medical Equipment and Supplies Manufacturing | 1,622 | 1,695 | 73 | 4.50% |
| 339900 | Other Miscellaneous Manufacturing | 1,709 | 1,667 | -42 | -2.46% |
| 102000 | Services Providing | 1,037,650 | 1,064,130 | 26,480 | 2.55% |
|  |  |  |  |  |  |
| **102100** | **TRADE, TRANSPORTATION, AND UTILITIES** | **249,652** | **253,013** | **3,361** | **1.35%** |
|  |  |  |  |  |  |
| ***420000*** | ***Wholesale Trade*** | ***46,954*** | ***47,760*** | ***806*** | ***1.72%*** |
| *423000* | *Merchant Wholesalers, Durable Goods* | *23,419* | *24,139* | *720* | *3.07%* |
| *424000* | *Merchant Wholesalers, Nondurable Goods* | *17,896* | *17,843* | *-53* | *-0.30%* |
| *425000* | *Wholesale Electronic Markets and Agents and Brokers* | *5,639* | *5,778* | *139* | *2.46%* |
|  |  |  |  |  |  |
| ***440000*** | ***Retail Trade*** | ***138,216*** | ***138,787*** | ***571*** | ***0.41%*** |
| *441000* | *Motor Vehicle and Parts Dealers* | *19,138* | *19,654* | *516* | *2.70%* |
| 441100 | Automobile Dealers | 11,886 | 12,307 | 421 | 3.54% |
| 441200 | Other Motor Vehicle Dealers | 1,683 | 1,775 | 92 | 5.47% |
| 441300 | Automotive Parts, Accessories, and Tire Stores | 5,569 | 5,572 | 3 | 0.05% |
| *442000* | *Furniture and Home Furnishings Stores* | *3,682* | *3,755* | *73* | *1.98%* |
| 442100 | Furniture Stores | 2,029 | 2,023 | -6 | -0.30% |
| 442200 | Home Furnishings Stores | 1,653 | 1,732 | 79 | 4.78% |
| *443000* | *Electronics and Appliance Stores* | *3,563* | *3,573* | *10* | *0.28%* |
| *444000* | *Building Material and Garden Equipment and Supplies Dealers* | *11,811* | *12,848* | *1,037* | *8.78%* |
| 444100 | Building Material and Supplies Dealers | 9,930 | 10,927 | 997 | 10.04% |
| 444200 | Lawn and Garden Equipment and Supplies Stores | 1,881 | 1,921 | 40 | 2.13% |
| *445000* | *Food and Beverage Stores* | *19,463* | *19,004* | *-459* | *-2.36%* |
| *446000* | *Health and Personal Care Stores* | *8,744* | *9,110* | *366* | *4.19%* |
| *447000* | *Gasoline Stations* | *11,974* | *11,935* | *-39* | *-0.33%* |
| *448000* | *Clothing and Clothing Accessories Stores* | *8,130* | *7,846* | *-284* | *-3.49%* |
| 448100 | Clothing Stores | 6,250 | 6,041 | -209 | -3.34% |
| 448200 | Shoe Stores | 1,168 | 1,117 | -51 | -4.37% |
| 448300 | Jewelry, Luggage, and Leather Goods Stores | 712 | 688 | -24 | -3.37% |
| *451000* | *Sporting Goods, Hobby, Book, and Music Stores* | *4,439* | *4,214* | *-225* | *-5.07%* |
| 451100 | Sporting Goods, Hobby, and Musical Instrument Stores | 3,941 | 3,712 | -229 | -5.81% |
| 451200 | Book, Periodical, and Music Stores | 498 | 502 | 4 | 0.80% |
| *452000* | *General Merchandise Stores* | *38,596* | *38,322* | *-274* | *-0.71%* |
| *453000* | *Miscellaneous Store Retailers* | *6,872* | *6,795* | *-77* | *-1.12%* |
| *454000* | *Nonstore Retailers* | *1,804* | *1,731* | *-73* | *-4.05%* |
| 454100 | Electronic Shopping and Mail Order Houses | 673 | 692 | 19 | 2.82% |
| 454200 | Vending Machine Operators | 477 | 454 | -23 | -4.82% |
| 454300 | Direct Selling Establishments | 654 | 585 | -69 | -10.55% |
|  |  |  |  |  |  |
| ***480000*** | ***Transportation and Warehousing*** | ***56,732*** | ***58,903*** | ***2,171*** | ***3.83%*** |
| *481000* | *Air Transportation* | *759* | *838* | *79* | *10.41%* |
| 481100 | Scheduled Air Transportation | 656 | 712 | 56 | 8.54% |
| 481200 | Nonscheduled Air Transportation | 103 | 126 | 23 | 22.33% |
| *483000* | *Water Transportation* | *22* | *23* | *1* | *4.55%* |
| *484000* | *Truck Transportation* | *31,610* | *32,746* | *1,136* | *3.59%* |
| *485000* | *Transit and Ground Passenger Transportation* | *2,052* | *2,297* | *245* | *11.94%* |
| 485300 | Taxi and Limousine Service | 381 | 385 | 4 | 1.05% |
| 485400 | School and Employee Bus Transportation | 390 | 379 | -11 | -2.82% |
| 485500 | Charter Bus Industry | 92 | 87 | -5 | -5.43% |
| 485900 | Other Transit and Ground Passenger Transportation | 959 | 1,172 | 213 | 22.21% |
|  | Other | 230 | 274 | 44 | 19.13% |
| *486000* | *Pipeline Transportation* | *414* | *371* | *-43* | *-10.39%* |
| *487000* | *Scenic and Sightseeing Transportation* | *18* | *14* | *-4* | *-22.22%* |
| *488000* | *Support Activities for Transportation* | *5,075* | *5,499* | *424* | *8.35%* |
| 488100 | Support Activities for Air Transportation | 982 | 1,063 | 81 | 8.25% |
| 488200 | Support Activities for Rail Transportation | 737 | 826 | 89 | 12.08% |
| 488300 | Support Activities for Water Transportation | 438 | 448 | 10 | 2.28% |
| 488400 | Support Activities for Road Transportation | 744 | 795 | 51 | 6.85% |
| 488500 | Freight Transportation Arrangement | 2,078 | 2,268 | 190 | 9.14% |
| 488900 | Other Support Activities for Transportation | 96 | 99 | 3 | 3.13% |
| *493000* | *Warehousing and Storage* | *8,544* | *8,698* | *154* | *1.80%* |
|  | *Other* | *8,238* | *8,417* | *179* | *2.17%* |
|  |  |  |  |  |  |
| ***220000*** | ***Utilities*** | ***7,750*** | ***7,563*** | ***-187*** | ***-2.41%*** |
| 221100 | Electric Power Generation, Transmission and Distribution | 5,764 | 5,625 | -139 | -2.41% |
| 221200 | Natural Gas Distribution | 1,047 | 981 | -66 | -6.30% |
| 221300 | Water, Sewage and Other Systems | 939 | 957 | 18 | 1.92% |
|  |  |  |  |  |  |
| **102200** | **INFORMATION** | **11,555** | **11,227** | **-328** | **-2.84%** |
|  |  |  |  |  |  |
| *511000* | *Publishing Industries (except Internet)* | *3,393* | *3,182* | *-211* | *-6.22%* |
| 511100 | Newspaper, Periodical, Book, and Directory Publishers | 3,006 | 2,766 | -240 | -7.98% |
| 511200 | Software Publishers | 387 | 416 | 29 | 7.49% |
| *512000* | *Motion Picture and Sound Recording Industries* | *1,321* | *1,340* | *19* | *1.44%* |
| 512100 | Motion Picture and Video Industries | 1,310 | 1,328 | 18 | 1.37% |
| 512200 | Sound Recording Industries | 11 | 12 | 1 | 9.09% |
| *515000* | *Broadcasting (except Internet)* | *1,586* | *1,564* | *-22* | *-1.39%* |
| *517000* | *Telecommunications* | *3,552* | *3,415* | *-137* | *-3.86%* |
| *518000* | *Data Processing, Hosting and Related Services* | *1,365* | *1,388* | *23* | *1.68%* |
| *519000* | *Other Information Services* | *338* | *338* | *0* | *0.00%* |
|  |  |  |  |  |  |
| **102300** | **FINANCIAL ACTIVITIES** | **59,949** | **63,485** | **3,536** | **5.90%** |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
| ***520000*** | ***Finance and Insurance*** | ***46,540*** | ***49,566*** | ***3,026*** | ***6.50%*** |
| *522000* | *Credit Intermediation and Related Activities* | *19,133* | *19,458* | *325* | *1.70%* |
| *523000* | *Securities, Commodity Contracts, and Other Financial Investments and Related Activities* | *3,089* | *3,156* | *67* | *2.17%* |
| *524000* | *Insurance Carriers and Related Activities* | *24,248* | *26,889* | *2,641* | *10.89%* |
| 524100 | Insurance Carriers | 16,283 | 18,977 | 2,694 | 16.54% |
| 524200 | Agencies, Brokerages, and Other Insurance Related Activities | 7,965 | 7,912 | -53 | -0.67% |
|  | *Other* | *70* | *63* | *-7* | *-10.00%* |
|  |  |  |  |  |  |
| ***530000*** | ***Real Estate and Rental and Leasing*** | ***13,409*** | ***13,919*** | ***510*** | ***3.80%*** |
| *531000* | *Real Estate* | *9,398* | *9,981* | *583* | *6.20%* |
| *532000* | *Rental and Leasing Services* | *3,977* | *3,920* | *-57* | *-1.43%* |
| *533000* | *Lessors of Nonfinancial Intangible Assets (except Copyrighted Works)* | *34* | *18* | *-16* | *-47.06%* |
|  |  |  |  |  |  |
| **102400** | **PROFESSIONAL AND BUSINESS SERVICES** | **145,947** | **152,191** | **6,244** | **4.28%** |
|  |  |  |  |  |  |
| ***540000*** | ***Professional, Scientific, and Technical Services*** | ***44,091*** | ***45,476*** | ***1,385*** | ***3.14%*** |
| 541100 | Legal Services | 5,929 | 5,944 | 15 | 0.25% |
| 541200 | Accounting, Tax Preparation, Bookkeeping, and Payroll Services | 6,853 | 6,984 | 131 | 1.91% |
| 541300 | Architectural, Engineering, and Related Services | 6,319 | 6,396 | 77 | 1.22% |
| 541400 | Specialized Design Services | 336 | 321 | -15 | -4.46% |
| 541500 | Computer Systems Design and Related Services | 9,504 | 9,608 | 104 | 1.09% |
| 541600 | Management, Scientific, and Technical Consulting Services | 6,485 | 7,059 | 574 | 8.85% |
| 541700 | Scientific Research and Development Services | 764 | 793 | 29 | 3.80% |
| 541800 | Advertising, Public Relations, and Related Services | 3,908 | 4,180 | 272 | 6.96% |
| 541900 | Other Professional, Scientific, and Technical Services | 3,993 | 4,191 | 198 | 4.96% |
|  |  |  |  |  |  |
| ***550000*** | ***Management of Companies and Enterprises*** | ***35,292*** | ***36,195*** | ***903*** | ***2.56%*** |
|  |  |  |  |  |  |
| ***560000*** | ***Administrative and Support and Waste Management and Remediation Services*** | ***66,564*** | ***70,520*** | ***3,956*** | ***5.94%*** |
| *561000* | *Administrative and Support Services* | *63,294* | *67,043* | *3,749* | *5.92%* |
| 561100 | Office Administrative Services | 4,031 | 4,183 | 152 | 3.77% |
| 561200 | Facilities Support Services | 1,330 | 1,277 | -53 | -3.98% |
| 561300 | Employment Services | 28,328 | 30,639 | 2,311 | 8.16% |
| 561400 | Business Support Services | 8,507 | 8,773 | 266 | 3.13% |
| 561500 | Travel Arrangement and Reservation Services | 353 | 332 | -21 | -5.95% |
| 561600 | Investigation and Security Services | 4,993 | 5,176 | 183 | 3.67% |
| 561700 | Services to Buildings and Dwellings | 14,478 | 15,383 | 905 | 6.25% |
| 561900 | Other Support Services | 1,274 | 1,280 | 6 | 0.47% |
| *562000* | *Waste Management and Remediation Service* | *3,270* | *3,477* | *207* | *6.33%* |
| 562100 | Waste Collection | 1,274 | 1,335 | 61 | 4.79% |
| 562200 | Waste Treatment and Disposal | 936 | 977 | 41 | 4.38% |
| 562900 | Remediation and Other Waste Management Services | 1,060 | 1,165 | 105 | 9.91% |
|  |  |  |  |  |  |
| **102500** | **EDUCATION AND HEALTH SERVICES** | **305,341** | **312,917** | **7,576** | **2.48%** |
|  |  |  |  |  |  |
| ***610000*** | ***Educational Services*** | ***116,353*** | ***117,772*** | ***1,419*** | ***1.22%*** |
| 611100 | Elementary and Secondary Schools | 78,163 | 78,612 | 449 | 0.57% |
| 611200 | Junior Colleges | 6,926 | 6,915 | -11 | -0.16% |
| 611300 | Colleges, Universities, and Professional Schools | 27,614 | 28,493 | 879 | 3.18% |
| 611400 | Business Schools and Computer and Management Training | 160 | 170 | 10 | 6.25% |
| 611500 | Technical and Trade Schools | 1,134 | 1,156 | 22 | 1.94% |
| 611600 | Other Schools and Instruction | 1,804 | 1,855 | 51 | 2.83% |
| 611700 | Educational Support Services | 552 | 571 | 19 | 3.44% |
|  |  |  |  |  |  |
| ***620000*** | ***Health Care and Social Assistance*** | ***188,988*** | ***195,145*** | ***6,157*** | ***3.26%*** |
| *621000* | *Ambulatory Health Care Services* | *57,436* | *60,220* | *2,784* | *4.85%* |
| 621100 | Offices of Physicians | 24,919 | 25,923 | 1,004 | 4.03% |
| 621200 | Offices of Dentists | 7,284 | 7,552 | 268 | 3.68% |
| 621300 | Offices of Other Health Practitioners | 9,189 | 9,822 | 633 | 6.89% |
| 621400 | Outpatient Care Centers | 5,231 | 5,554 | 323 | 6.17% |
| 621500 | Medical and Diagnostic Laboratories | 1,311 | 1,388 | 77 | 5.87% |
| 621600 | Home Health Care Services | 6,778 | 7,146 | 368 | 5.43% |
| 621900 | Other Ambulatory Health Care Services | 2,724 | 2,835 | 111 | 4.07% |
| *622000* | *Hospitals* | *59,468* | *60,249* | *781* | *1.31%* |
| 622100 | General Medical and Surgical Hospitals | 52,340 | 52,676 | 336 | 0.64% |
| 622200 | Psychiatric and Substance Abuse Hospitals | 3,495 | 3,563 | 68 | 1.95% |
| 622300 | Specialty (except Psychiatric and Substance Abuse) Hospitals | 3,633 | 4,010 | 377 | 10.38% |
| *623000* | *Nursing and Residential Care Facilities* | *32,161* | *32,930* | *769* | *2.39%* |
| 623100 | Nursing Care Facilities (Skilled Nursing Facilities) | 22,716 | 23,114 | 398 | 1.75% |
| 623200 | Residential Intellectual & Developmental Disability, Mental Health, & Substance Abuse Facilities | 4,452 | 4,536 | 84 | 1.89% |
| 623300 | Continuing Care Retirement Communities and Assisted Living Facilities for the Elderly | 4,248 | 4,517 | 269 | 6.33% |
| 623900 | Other Residential Care Facilities | 745 | 763 | 18 | 2.42% |
|  |  |  |  |  |  |
| *624000* | *Social Assistance* | *39,923* | *41,746* | *1,823* | *4.57%* |
| 624100 | Individual and Family Services | 25,143 | 26,739 | 1,596 | 6.35% |
| 624200 | Community Food and Housing, and Emergency and Other Relief Services | 1,338 | 1,396 | 58 | 4.33% |
| 624300 | Vocational Rehabilitation Services | 3,215 | 3,311 | 96 | 2.99% |
| 624400 | Child Day Care Services | 10,227 | 10,300 | 73 | 0.71% |
|  |  |  |  |  |  |
| **102600** | **LEISURE AND HOSPITALITY** | **114,711** | **118,481** | **3,770** | **3.29%** |
|  |  |  |  |  |  |
| ***710000*** | ***Arts, Entertainment, and Recreation*** | ***10,258*** | ***10,862*** | ***604*** | ***5.89%*** |
| *711000* | *Performing Arts, Spectator Sports, and Related Industries* | *2,874* | *2,937* | *63* | *2.19%* |
| 711100 | Performing Arts Companies | 360 | 323 | -37 | -10.28% |
| 711200 | Spectator Sports | 1,704 | 1,752 | 48 | 2.82% |
| 711300 | Promoters of Performing Arts, Sports, and Similar Events | 693 | 745 | 52 | 7.50% |
| 711400 | Agents and Managers for Artists, Athletes, Entertainers, and Other Public Figures | 55 | 58 | 3 | 5.45% |
| 711500 | Independent Artists, Writers, and Performers | 62 | 59 | -3 | -4.84% |
| *712000* | *Museums, Historical Sites, and Similar Institutions* | *662* | *700* | *38* | *5.74%* |
| *713000* | *Amusement, Gambling, and Recreation Industries* | *6,722* | *7,225* | *503* | *7.48%* |
| 713900 | Other Amusement and Recreation Industries | 6,527 | 6,865 | 338 | 5.18% |
|  | Other | 195 | 360 | 165 | 84.62% |
|  |  |  |  |  |  |
| ***720000*** | ***Accommodation and Food Services*** | ***104,453*** | ***107,619*** | ***3,166*** | ***3.03%*** |
| *721000* | *Accommodation, including Hotels and Motels* | *10,698* | *10,785* | *87* | *0.81%* |
| 721100 | Traveler Accommodation | 10,218 | 10,310 | 92 | 0.90% |
| 721200 | RV (Recreational Vehicle) Parks and Recreational Camps | 378 | 376 | -2 | -0.53% |
| 721300 | Rooming and Boarding Houses | 102 | 99 | -3 | -2.94% |
| *722000* | *Food Services and Drinking Places* | *93,755* | *96,834* | *3,079* | *3.28%* |
| 722300 | Special Food Services | 4,715 | 5,138 | 423 | 8.97% |
| 722400 | Drinking Places (Alcoholic Beverages) | 1,006 | 987 | -19 | -1.89% |
| 722500 | Restaurants and Other Eating Places | 88,034 | 90,709 | 2,675 | 3.04% |
|  |  |  |  |  |  |
| **102700** | **OTHER SERVICES (EXCEPT GOVERNMENT)** | **56,906** | **58,360** | **1,454** | **2.56%** |
|  |  |  |  |  |  |
| *811000* | *Repair and Maintenance* | *10,495* | *10,682* | *187* | *1.78%* |
| 811100 | Automotive Repair and Maintenance | 6,528 | 6,547 | 19 | 0.29% |
| 811200 | Electronic and Precision Equipment Repair and Maintenance | 955 | 1,017 | 62 | 6.49% |
| 811300 | Commercial and Industrial Machinery and Equipment (except Automotive and Electronic) Repair and Maintenance | 2,467 | 2,581 | 114 | 4.62% |
| 811400 | Personal and Household Goods Repair and Maintenance | 545 | 537 | -8 | -1.47% |
| *812000* | *Personal and Laundry Services* | *7,614* | *7,700* | *86* | *1.13%* |
| 812100 | Personal Care Services | 2,800 | 2,856 | 56 | 2.00% |
| 812200 | Death Care Services | 1,557 | 1,581 | 24 | 1.54% |
| 812300 | Drycleaning and Laundry Services | 2,286 | 2,242 | -44 | -1.92% |
| 812900 | Other Personal Services | 971 | 1,021 | 50 | 5.15% |
| *813000* | *Religious, Grantmaking, Civic, Professional, and Similar Organizations* | *34,694* | *36,049* | *1,355* | *3.91%* |
| 813100 | Religious Organizations | 23,331 | 24,462 | 1,131 | 4.85% |
| 813200 | Grantmaking and Giving Services | 2,859 | 3,029 | 170 | 5.95% |
| 813300 | Social Advocacy Organizations | 4,587 | 4,646 | 59 | 1.29% |
| 813400 | Civic and Social Organizations | 1,207 | 1,265 | 58 | 4.81% |
| 813900 | Business, Professional, Labor, Political, and Similar Organizations | 2,710 | 2,647 | -63 | -2.32% |
| *814000* | *Private Households* | *4,103* | *3,929* | *-174* | *-4.24%* |
|  |  |  |  |  |  |
| **102800** | **GOVERNMENT** | **93,589** | **94,456** | **867** | **0.93%** |
|  |  |  |  |  |  |
| *910000* | *Total Federal Government Employment* | *20,200* | *19,916* | *-284* | *-1.41%* |
| 491100 | Postal Service | 5,542 | 5,547 | 5 | 0.09% |
| 999100 | Federal Government, Excluding Post Office | 14,658 | 14,369 | -289 | -1.97% |
| 999200 | State Government, Excluding Education and Hospitals | 34,231 | 34,400 | 169 | 0.49% |
| 999300 | Local Government, Excluding Education and Hospitals | 39,158 | 40,140 | 982 | 2.51% |

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EXPLANATION OF OCCUPATIONAL PROJECTIONS DATA

ARKANSAS-STATEWIDE

2018-2020

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **SOC Code** | **Standard Occupational Classification (SOC) Title** | **2018 Estimated Employment** | **2020 Projected Employment** | **Numeric Change** | **Percent Change** | **Annual Openings- Exits** | **Annual Openings- Transfers** | **Annual Openings- Change** | **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 2018 | The projected number of jobs expected to be in an occupation in 2020 | Total number of jobs an occupation is expected to gain or lose over the 2018 to 2020 period | Percent change in the number of jobs in an occupation over the 2018 to 2020 period | Average number  of annual job openings expected to be created during the projection period due to those leaving the workforce for four months or more | Average number  of annual job openings expected to be created during the projection period due to those transferring to an occupation in a different SOC Major Group | Average number  of annual job openings expected to be created during the projection period due to the gain or decline of jobs in an occupation | Average number of annual job  openings expected to be created  during the projection period due to employment growth and separations | Level of training needed by most workers to become fully qualified in the occupation according to the Bureau of Labor Statistics. See page 94 for definitions. |

2018-2020 Arkansas Statewide Occupational Projections by Major Group

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **SOC Code** | **Standard Occupational Classification Title** | **2018 Estimated Employment** | **2020 Projected Employment** | **Numeric Change** | **Percent Change** | **Annual Separations- Exits** | **Annual Separations- Transfers** | **Annual Openings - Change** | **Total**  **Annual Openings** |
| **00-0000** | **Total, All Occupations** | **1,406,886** | **1,445,628** | **38,742** | **2.75%** | **66,790** | **86,800** | **19,371** | **172,961** |
| 11-0000 | Management Occupations | 137,422 | 140,887 | 3,465 | 2.52% | 5,544 | 4,942 | 1,732 | 12,218 |
| 13-0000 | Business and Financial Operations Occupations | 59,433 | 61,703 | 2,270 | 3.82% | 1,802 | 3,524 | 1,135 | 6,461 |
| 15-0000 | Computer and Mathematical Occupations | 26,168 | 27,115 | 947 | 3.62% | 460 | 1,274 | 474 | 2,208 |
| 17-0000 | Architecture and Engineering Occupations | 11,369 | 11,666 | 297 | 2.61% | 292 | 530 | 148 | 970 |
| 19-0000 | Life, Physical, and Social Science Occupations | 7,259 | 7,441 | 182 | 2.51% | 204 | 470 | 91 | 765 |
| 21-0000 | Community and Social Service Occupations | 26,034 | 27,133 | 1,099 | 4.22% | 1,112 | 1,738 | 550 | 3,400 |
| 23-0000 | Legal Occupations | 7,605 | 7,819 | 214 | 2.81% | 198 | 283 | 107 | 588 |
| 25-0000 | Education, Training, and Library Occupations | 81,097 | 82,632 | 1,535 | 1.89% | 3,354 | 3,332 | 768 | 7,454 |
| 27-0000 | Arts, Design, Entertainment, Sports, and Media Occupations | 14,957 | 15,278 | 321 | 2.15% | 599 | 855 | 160 | 1,614 |
| 29-0000 | Healthcare Practitioners and Technical Occupations | 85,874 | 88,457 | 2,583 | 3.01% | 2,370 | 2,357 | 1,292 | 6,019 |
| 31-0000 | Healthcare Support Occupations | 39,155 | 40,624 | 1,469 | 3.75% | 2,296 | 2,166 | 734 | 5,196 |
| 33-0000 | Protective Service Occupations | 27,302 | 27,810 | 508 | 1.86% | 1,178 | 1,400 | 254 | 2,832 |
| 35-0000 | Food Preparation and Serving Related Occupations | 104,911 | 108,190 | 3,279 | 3.13% | 7,840 | 9,916 | 1,640 | 19,396 |
| 37-0000 | Building and Grounds Cleaning and Maintenance Occupations | 44,898 | 46,398 | 1,500 | 3.34% | 2,766 | 2,896 | 750 | 6,412 |
| 39-0000 | Personal Care and Service Occupations | 47,300 | 49,199 | 1,899 | 4.01% | 3,674 | 3,254 | 950 | 7,878 |
| 41-0000 | Sales and Related Occupations | 142,104 | 143,583 | 1,479 | 1.04% | 8,684 | 11,074 | 740 | 20,498 |
| 43-0000 | Office and Administrative Support Occupations | 182,523 | 185,905 | 3,382 | 1.85% | 9,436 | 10,876 | 1,691 | 22,003 |
| 45-0000 | Farming, Fishing, and Forestry Occupations | 20,336 | 21,506 | 1,170 | 5.75% | 769 | 2,265 | 585 | 3,619 |
| 47-0000 | Construction and Extraction Occupations | 52,628 | 54,059 | 1,431 | 2.72% | 1,882 | 3,533 | 716 | 6,131 |
| 49-0000 | Installation, Maintenance, and Repair Occupations | 60,180 | 61,878 | 1,698 | 2.82% | 2,084 | 3,582 | 849 | 6,515 |
| 51-0000 | Production Occupations | 117,174 | 121,211 | 4,037 | 3.45% | 4,859 | 8,630 | 2,018 | 15,507 |
| 53-0000 | Transportation and Material Moving Occupations | 111,157 | 115,134 | 3,977 | 3.58% | 5,386 | 7,902 | 1,988 | 15,276 |

The Arkansas labor market is expected to see a growth of 38,742 jobs over the 2018-2020 projection period, an increase of 2.75 percent, with many job opportunities for recent graduates and other job seekers. There is expected to be 172,961 total annual job openings during the projection period, with 66,790 openings available due to employees exiting the workforce. Another 86,800 are estimated to be available due to employees changing jobs, while 19,371 would be due to the growth and decline of an occupation. All major occupational groups are estimated to see net gains in employment.

**Occupational Outlook**

**Management Occupations**

The **Management Occupations** major group is projected to gain 3,465 jobs between 2018 and 2020, an increase of 2.52 percent. During the projection period, 12,218 job openings are expected to be available annually, of which 5,544 jobs are estimated to be due to exits from the workforce, and 4,942 due to employees transferring to other occupational groups. Another 1,732 would be for growth and expansion. *Other Management Occupations* is predicted to add 1,969 new jobs and account for nearly 57 percent of the total annual openings among **Management Occupations**. Farmers, Ranchers, and Other Agricultural Managers is estimated to be the top growing occupation in the major group and fifth statewide, adding 1,016 jobs to the labor market, but it is also expected to be the top occupation statewide for the most annual exits expected, with 3,593, 71.67 percent of its total annual openings. *Top Executives* is predicted to add 694 to its workforce, while *Operations Specialties Managers* could experience a gain of 622 jobs. General and Operations Managers is predicted to add an additional 653 jobs. No major declines are expected from this major group.

**Business and Financial Operations**

The **Business and Financial Operations Occupations** major group is estimated to gain 2,270 new jobs by the first quarter of 2020, an increase of 3.82 percent. Around 6,461 job openings are projected to be available in the 2018-2020 projection period. The number of annual exits is expected to be 1,802, while the number of transfers is predicted to be 3,524. Growth and expansion could add 1,135 jobs annually. *Business Operations Specialists* is projected to gain the most jobs, with 1,601 on the horizon, accounting for nearly 70.53 percent of the job growth in this major group, while *Financial Specialists* is predicted to gain an additional 669. Management Analysts is predicted to be the top growing occupation in the major group and makes the Top 20 Growing Occupations list. At 9.70 percent, Insurance Underwriters makes the top 10 of the Top 20 Fastest Growing Occupations list.

**Computer and Mathematical**

The **Computer and Mathematical Occupations** major group is projected to add 947 new jobs and 2,208 annual job openings. It is projected to have 460 annual exits and 1,274 annual transfers. Growth and expansion is estimated to account for 474 annual openings.The majority of this major group’s growth is likely to be in *Computer Occupations*, with a gain of 866 new jobs and 2,095 annual openings. Software Developers, Applications leads the major group with 221 new jobs. The push for more coding education in schools may be a contributing factor in this gain. At 7.23 percent, Information Security Analysts is predicted to be the fastest growing industry in the major group and makes the Top 20 Fastest Growing Occupations list. One downside, is among Computer Programmers, which is predicted to experience a small loss of 11 jobs during the projection period, a decline of less than one-half percent. The *Mathematical Science Occupations* occupational family is expected to add 81 new jobs to the labor market.

**Architecture and Engineering**

The **Architecture and Engineering Occupations** major group is expected to experience a growth of 297 jobs, a 2.61 percent increase between 2018 and 2020. The major group is expected to have 970 annual job openings, of which 292 will be from those exiting the workforce, 530 from those transferring to other occupations, and 148 from growth and expansion. More than 60 percent of the growth is expected to occur in the *Engineers* occupational family with 180 new jobs, a 2.64 percent increase. Industrial Engineers is predicted to lead occupations in this major group, with 63 new jobs. *Drafters, Engineering Technicians, and Mapping Technicians* is projected to increase by 95 jobs.

**Life, Physical, and Social Science**

**Life, Physical, and Social Science Occupations** is projected to have 182 new jobs during the projection period, the smallest growth in the state. Of the 765 total annual openings, 204 would be created from those exiting the workforce, 470 from those transferring jobs, and 91 due to growth and expansion. *Life, Physical, and Social Science Technicians* is estimated to add 74 jobs to its workforce, while *Social Scientists and Related Workers* is slated to add 52. Agricultural and Food Science Technicians is predicted to be the top growing industry, gaining 28 jobs, while Medical Scientists, Except Epidemiologists could be the fastest growing industry at a rate of 6.09 percent.

**Community and Social Service**

The **Community and Social Service Occupations** major group is expected to gain 1,099 jobs by the first quarter of 2020. Around 3,400 annual job openings are projected to be available with 550 for growth and expansion, 1,112 for exits, and 1,738 for occupational transfers. *Religious Workers* is forecast to gain 617 new jobs with Clergy claiming 482. Clergy is also estimated to be the fastest growing occupation, with a 5.75 percent growth rate. *Counselors, Social Workers, and Other Community and Social Service Specialists* is predicted to add an additional 482 jobs. Social and Human Service Assistants is predicted to add 135 jobs, while four other occupations in this occupational group are predicted to add at least 45.

**Legal**

The **Legal Occupations** major group is projected to gain 214 jobs during the projection period. This occupational group is expected to have the fewest annual openings, with 588 anticipated with 107 for growth and expansion, 198 for those exiting the labor market, and 283 for those transferring to other occupational groups. *Lawyers, Judges, and Related Workers* is set for an anticipated growth of 103 jobs, with 78 coming among Lawyers. *Legal Support Workers* is estimated to add 111 new jobs with Paralegals and Legal Assistants adding 59 of those. Title Examiners, Abstractors, and Searchers is slated to be the fastest growing occupation among **Legal Occupations,** growing at a rate of 5.20 percent.

**Education, Training, and Library**

The **Education, Training, and Library Occupations** major group is forecast to add 1,535 jobs and have 7,454 annual openings each year of the projection period. Of these, 3,354 could come from employees leaving the workforce, and 3,332 coming from those transferring to other occupational groups. About 768 annual openings are due to growth and expansion. *Preschool, Primary, Secondary, and Special Education School Teachers* is set to add 426 jobs to the Arkansas workforce and have 3,180 annual openings. Elementary School Teachers, Except Special Education leads all occupations in the major group with 120 new jobs. Secondary School Teachers, Except Special and Career/Technical Education is forecast to increase by an additional 114 jobs. Teacher Assistants is slated to increase employment by 158. Curators is estimated to increase by 5.66 percent, becoming the fastest growing occupation in **Education, Training, and Library Occupations**.

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

The **Arts, Design, Entertainment, Sports, and Media Occupations** major group is expected to add 321 jobs between 2018 and 2020. Around 1,614 jobs are projected to be available each year during the projection period. Of these, 599 will be due to employees leaving the workforce, 855 for those who transferred to other occupational groups, and 160 for growth and expansion. *Art and Design Workers* is projected to add 114 new jobs to the workforce, while the *Entertainers and Performers, Sports and Related Workers* family could add 112. Coaches and Scouts leads all occupations in the major group with an expected gain of 63 jobs. Technical Writers is estimated to be the fastest growing occupation in the major group, increasing employment by 6.47 percent. On the negative side of the labor market, Reporters and Correspondents could lose 5.26 percent of its workforce, making it the fastest declining occupation in the major group and fourth fastest statewide.   
  
**Healthcare Practitioners and Technical**

The **Healthcare Practitioners and Technical Occupations** major group is projected to add 2,583 jobs between 2018 and 2020. It is expected to have 6,019 job openings each year, 2,370 of which would be from those leaving the workforce, 2,357 from those transferring to other occupational groups, and 1,292 due to growth and expansion. *Health Diagnosing and Treating Practitioners* is expected to have the most new jobs, with 1,644 on the horizon. Registered Nurses is estimated to add 693 new jobs and have 1,653 annual openings, placing it second in the Top 20 Growing Occupations list. At 7.06 percent, Nurse Practitioners could be the fastest growing in the major group. In all, seven occupations in this occupational family are expecting at least 50 new jobs. *Health Technologists and Technicians* is projectedto increase by an additional 902 jobs, with Licensed Practical and Licensed Vocational Nurses adding 235 and Pharmacy Technicians adding 267. One downside is in Respiratory Therapy Technicians, which could lose 11.07 percent of its workforce, or 32 jobs, making it the third fastest declining industry in the state.

**Healthcare Support Occupations**

**Healthcare Support Occupations** is expected to increase employment by 3.75 percent, equivalent to 1,469 new jobs and 5,196 annual job openings between 2018 and 2020. Of these annual openings, 2,296 are expected to come from employees leaving the workforce, while 2,166 would come from those transferring to other occupational groups. Another 734 openings are estimated to be available due to growth and expansion. The occupational family *Nursing, Psychiatric, and Home Health Aides* is estimated to gain the most new jobs, with 934 on the horizon. Nursing Assistants is estimated to lead the major group in numeric change with a growth of 502, making the Top 20 Growing Occupations list. Home Health Aides, also on the list, is anticipating 414 new jobs. Physical Therapist Aides is forecast to be the fastest growing occupation in the major group, with a 6.72 percent rise in employment. Medical Transcriptionists could see a 1.35 percent drop in jobs, or 7 jobs, over the 2018 to 2020 time period.

**Protective Service**

The **Protective Service Occupations** major group is expected to add 508 new jobs to the Arkansas job market. This major group is predicted to have 2,832 annual job openings, with about 1,178 due to those exiting the workforce, 1,400 related to transferring to a new occupational group, and 254 due to growth and expansion. *Other Protective Service Workers* is estimated to lead the major group with 223 new jobs. Security Guards is forecast to add 184 jobs, a gain of 2.73 percent. *Law Enforcement Workers* is forecast to experience a net gain of 126 new jobs with Police and Sheriff's Patrol Officers adding 168. However, Correctional Officers and Jailers could see a drop in employment with 51 job losses.

**Food Preparation and Serving Related**

**Food Preparation and Serving Related Occupations** is expected to increase employment over the next two years adding 3,279 jobs to the Arkansas labor market, an increase of 3.13 percent. It is projected to have 19,396 annual job openings, with 7,840 of those created from employees leaving the workforce, 9,916 from transferring to other occupational groups, and 1,640 for growth and expansion. *Food and Beverage Serving Workers* is projected to have 2,126 new jobs and 11,705 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 1,553 new jobs, as well as the top occupation in number of annual openings, with 7,162 annually. The occupation is also ranked third in the state for occupations where employees are most likely to exit the workforce and second for employees most likely to transfer to other occupational groups, with about 6,386 job openings due to exits or transfers. In all, six occupations are estimated to add more than 100 jobs. The *Cooks and Food Preparation Workers* occupational family is slated to add 621 new jobs.

**Building and Grounds Cleaning and Maintenance**

The **Building and Grounds Cleaning and Maintenance Occupations** major group is projected to add 1,500 jobs by the first quarter of 2020, as well as having 6,412 annual openings. Of these, 2,766 could come from those exiting the workforce, 2,896 from those who transfer to other occupational groups and 750 due to growth and expansion. *Building Cleaning and Pest Control Workers* is predicted to see 915 new jobs, 61 percent of this major group’s job growth. Janitors and Cleaners, Except Maids and Housekeeping Cleaners is estimated to gain 690 of those jobs, placing the occupation among the Top 10 of the Top 20 Growing Occupations list. *Grounds Maintenance Workers* is also forecast to see strong growth, with a gain of 418 jobs. Landscaping and Groundskeeping Workers will likely claim the majority of those jobs, with 379 on the horizon, while Pesticide Handlers, Sprayers, and Applicators, Vegetation could be the fastest growing occupation in the major group with a 5.56 percent rise in employment.

**Personal Care and Service**

The **Personal Care and Service Occupations** major group is projected to increase employment by 1,899, an increase of 4.01 percent. Around 7,878 annual openings are forecast for this major group with 3,674 created from those leaving the workforce, 3,254 from those transferring to other occupational groups, and 950 from growth and expansion. The *Other Personal Care and Service Workers* occupational family could account for 76.04 percent of the new jobs in this major group, with 1,444 expected. Personal Care Aides could add 1,035 new jobs to its workforce, a 6.15 percent gain, placing it fourth in the state for numeric change. Amusement and Recreation Attendants is slated to be the fastest growing occupation in the major group, increasing by 6.56 percent.

**Sales and Related**

**Sales and Related Occupations** is expected to experience a gain of 1,479 new jobs by March 2020 and have 20,498 annual openings during the projection period, the second most among the major groups. Of these, 8,684 are estimated to be available due to employees leaving the workforce, and 11,074 due to employees transferring to other occupations. In addition, about 740 openings are expected to be available due to growth and expansion. The *Retail Sales Workers* occupational family is predicted to experience a net gain of 151 jobs and have more than two-thirds of the annual openings of the entire **Sales and Related Occupations** major group. Retail Salespersons is predicted to add the majority of those jobs with a forecasted growth of 328, while Cashiers is estimated to lose 373, becoming the top declining occupation in the state. Combined, these two occupations make up more than 62 percent of the total annual openings for the major group. In all, seven occupations are estimated to increase by more than 100 jobs.

**Office and Administrative Support**

The **Office and Administrative Support Occupations** major group is predicted to add 3,382 new jobs and have 22,003 annual openings, the most among the major groups. Of the total annual openings, 9,436 would be created due to employees leaving the workforce, 10,876 from those transferring to other occupational groups, and 1,691 for growth and expansion. The *Information and Record Clerks* family is projected to add 1,180 new jobs, more than a third of the overall growth in the major group*.* Customer Service Representatives is projected to add 615 jobs to the economy, making the Top 10 of the Top 20 Growing Occupations list, while Receptionists and Information Clerks is set to have 293 new jobs. The two occupations are predicted to have more than 1,300 job openings annually each. *Material Recording, Scheduling, Dispatching, and Distributing Workers* could see a growth of 604, while *Other Office and Administrative Support Workers* is slated to add 666. In all, ten occupations are forecast to add more than 100 jobs. At 10.22 percent, Insurance Claims and Policy Processing Clerks is estimated to be the fastest growing occupation in the major group and fourth fastest statewide. Office Clerks, General is expected to lead all occupations in the major group in the number of annual openings with 3,771. Legal Secretaries could see the worst outlook with a loss of 54 jobs.

**Farming, Fishing, and Forestry**

The **Farming, Fishing, and Forestry Occupations** major group is projected to be the fastest growing occupational major group in the state, with a gain of 5.75 percent. This is due to a large increase in non-covered farming operations in the state, according to the Bureau of Economic Analysis. Job opportunities are expected to be available with a total of 3,619 job openings annually. Of these, 769 could be created from those leaving the workforce and 2,265 from those transferring to other occupational groups. Growth and expansion could add 585 jobs annually. The majority of the job gain is likely to come from *Agricultural Workers*, with a gain of 1,114. Farmworkers and Laborers, Crop, Nursery, and Greenhouse is slated to add 522 new jobs, and Farmworkers, Farm, Ranch, and Aquacultural Animals could add 411 jobs.

**Construction and Extraction**

The **Construction and Extraction Occupations** major group is expected to experience a net gain of 1,431 jobs by March 2020. The major group is estimated to have 1,882 annual openings created from employees leaving the workforce, 3,533 created from employees transferring to other occupational groups, and 716 due to growth and expansion. The *Construction Trades Workers* occupational family is estimated to experience a net gain of 1,093 jobs, about 76.38 percent of the total net growth in the major group. Three occupations are slated to grow by more than 140 jobs, with Carpenters adding 255. Hazardous Materials Removal Workers is set to be the fastest growing occupation in the major group and seventh overall statewide with a 9.12 percent gain. On the negative side of the economy, Rail-Track Laying and Maintenance Equipment Operators could lose 5.08 percent of its workforce, amounting to a loss of three positions.

**Installation, Maintenance, and Repair**

The **Installation, Maintenance, and Repair Occupations** major group is projected to gain 1,698 jobs over the 2018 to 2020 projection period. About 6,515 job openings are forecast to be available each year during the projection period, with 2,084 due to employees leaving the workforce and 3,582 due to employees changing jobs. Growth and expansion is estimated to account for 849 annual job openings. The *Other Installation, Maintenance, and Repair Occupations* family is predicted to see the most growth, with an increase of 1,037 jobs. Maintenance and Repair Workers, General is projected to add 485 new jobs to its workforce, while Industrial Machinery Mechanics is predicted to add 339 jobs. Riggers is estimated to be the fastest growing occupation in the major group with a percent change of 8.52 percent, making the top 10 of the Top 20 Fastest Growing Occupations list. On the negative side of the labor market, Electrical Power-Line Installers and Repairers could lose 29 jobs, making the Top 10 of the Top 20 Declining Occupations list, while Control and Valve Installers and Repairers, Except Mechanical Door is slated to lose 2.57 percent of its workforce, making the Top 20 Fastest Declining Occupations list.

**Production Occupations**

The **Production Occupations** major group is predicted to experience a net gain of 4,037 jobs during the projection period, the equivalent of a 3.45 percent increase. Of the 15,507 annual job openings, 4,859 job openings are estimated to be created from those leaving the workforce, 8,630 created from employees transferring to other occupational groups, and 2,018 due to growth and expansion. The outlook in this major group is mixed with some gains and some losses. Among growing occupational families, *Other Production Occupations* is estimated to gain 1,466 jobs. Helpers—Production Workers is estimated to lead the major group in numeric growth with an increase of 624 jobs, placing ninth statewide in numeric change. In all, eleven occupations are set to add more than 100 jobs to the state economy.Among occupations with a minimum employment of 50, Extruding and Forming Machine Setters, Operators, and Tenders, Synthetic and Glass Fibers is slated to be the third fastest growing occupation in the state, with an anticipated 11.31 percent rise in its workforce. In all, five occupations made the Top 20 Fastest Growing Occupations list. On the negative side of the labor market, Coil Winders, Tapers, and Finishers is forecast to lose 40 jobs, or 11.73 percent of its workforce, while Gas Plant Operators could lose 36 jobs, or 14.81 percent of its respective workforce. These two occupations are the top two fastest declining occupations in the state. In all, eight occupations in the **Production Occupations** major group made the Top 20 Fastest Growing Occupation list, and five made the Top 20 Declining Occupations list.

**Transportation and Material Moving**The **Transportation and Material Moving Occupations** major group is projected to gain 3,977 employees by the first quarter of 2020. Around 15,276 jobs are expected to be available each year of the projection period, of which 5,386 would be created from those leaving the workforce, 7,902 created from those changing jobs, and 1,988 due to growth and expansion. *Motor Vehicle Operators* is expected to experience a net gain of 1,798 jobs during the projection period. Heavy and Tractor-Trailer Truck Drivers drives the growth in the occupational family, gaining 1,218 new jobs and more than 68 percent of the total annual job openings in the group, placing second in the state for numeric change. *Material Moving Workers* is projected to add 1,913 new jobs, with Laborers and Freight, Stock, and Material Movers, Hand predicted to gain 1,136, placing among the top five growing occupations in the state. Hoist and Winch Operators is slated to be the fastest growing occupation in the state, with a growth of 13.70 percent, while Rail Yard Engineers, Dinkey Operators, and Hostlers, is a step behind at 13.43 percent. On the negative side, Locomotive Engineers could lose 12 jobs, or 3.90 percent of its workforce.

##### Top 20 Growing Occupations by Numeric Change

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **SOC Code** | **Standard Occupational Classification Title** | **2018 Estimated Employment** | **2020 Projected Employment** | **Numeric Change** | **Percent Change** | **Annual Separations-Exits** | **Annual Separations-Transfers** | **Annual Openings-Change** | **Total Annual Openings** |
| 35-3021 | Combined Food Preparation and Serving Workers, Including Fast Food | 34,473 | 36,026 | **1,553** | 4.50% | 3,122 | 3,264 | 776 | 7,162 |
| 53-3032 | Heavy and Tractor-Trailer Truck Drivers | 34,897 | 36,115 | **1,218** | 3.49% | 1,506 | 2,230 | 609 | 4,345 |
| 53-7062 | Laborers and Freight, Stock, and Material Movers, Hand | 24,440 | 25,576 | **1,136** | 4.65% | 1,239 | 2,138 | 568 | 3,945 |
| 39-9021 | Personal Care Aides | 16,820 | 17,855 | **1,035** | 6.15% | 1,384 | 1,042 | 518 | 2,944 |
| 11-9013 | Farmers, Ranchers, and Other Agricultural Managers | 60,956 | 61,972 | **1,016** | 1.67% | 3,593 | 912 | 508 | 5,013 |
| 29-1141 | Registered Nurses | 25,612 | 26,305 | **693** | 2.71% | 743 | 564 | 346 | 1,653 |
| 37-2011 | Janitors and Cleaners, Except Maids and Housekeeping Cleaners | 19,076 | 19,766 | **690** | 3.62% | 1,264 | 1,222 | 345 | 2,831 |
| 11-1021 | General and Operations Managers | 22,768 | 23,421 | **653** | 2.87% | 478 | 1,378 | 326 | 2,182 |
| 51-9198 | Helpers--Production Workers | 8,678 | 9,302 | **624** | 7.19% | 482 | 856 | 312 | 1,650 |
| 43-4051 | Customer Service Representatives | 17,272 | 17,887 | **615** | 3.56% | 898 | 1,319 | 308 | 2,525 |
| 45-2092 | Farmworkers and Laborers, Crop, Nursery, and Greenhouse | 6,826 | 7,348 | **522** | 7.65% | 259 | 808 | 261 | 1,328 |
| 31-1014 | Nursing Assistants | 18,698 | 19,200 | **502** | 2.68% | 1,151 | 958 | 251 | 2,360 |
| 49-9071 | Maintenance and Repair Workers, General | 12,418 | 12,903 | **485** | 3.91% | 516 | 704 | 242 | 1,462 |
| 21-2011 | Clergy | 8,376 | 8,858 | **482** | 5.75% | 395 | 528 | 241 | 1,164 |
| 43-9061 | Office Clerks, General | 30,291 | 30,760 | **469** | 1.55% | 1,791 | 1,746 | 234 | 3,771 |
| 35-3031 | Waiters and Waitresses | 17,920 | 18,380 | **460** | 2.57% | 1,344 | 2,058 | 230 | 3,632 |
| 51-3022 | Meat, Poultry, and Fish Cutters and Trimmers | 7,820 | 8,271 | **451** | 5.77% | 362 | 613 | 226 | 1,201 |
| 31-1011 | Home Health Aides | 7,839 | 8,253 | **414** | 5.28% | 489 | 406 | 207 | 1,102 |
| 45-2093 | Farmworkers, Farm, Ranch, and Aquacultural Animals | 6,323 | 6,734 | **411** | 6.50% | 239 | 744 | 206 | 1,189 |
| 13-1111 | Management Analysts | 6,949 | 7,345 | **396** | 5.70% | 230 | 370 | 198 | 798 |

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

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **SOC Code** | **Standard Occupational Classification Title** | **2018 Estimated**  **Employment** | **2020 Projected**  **Employment** | **Numeric Change** | **Percent Change** | **Annual Separations-Exits** | **Annual Separations-Transfers** | **Annual Openings-Change** | **Total Annual Openings** |
| 53-7041 | Hoist and Winch Operators | 73 | 83 | 10 | **13.70%** | 4 | 6 | 5 | 15 |
| 53-4013 | Rail Yard Engineers, Dinkey Operators, and Hostlers | 67 | 76 | 9 | **13.43%** | 2 | 4 | 4 | 10 |
| 51-6091 | Extruding and Forming Machine Setters, Operators, and Tenders, Synthetic and Glass Fibers | 168 | 187 | 19 | **11.31%** | 10 | 12 | 10 | 32 |
| 43-9041 | Insurance Claims and Policy Processing Clerks | 1,899 | 2,093 | 194 | **10.22%** | 86 | 112 | 97 | 295 |
| 53-4021 | Railroad Brake, Signal, and Switch Operators | 102 | 112 | 10 | **9.80%** | 2 | 7 | 5 | 14 |
| 13-2053 | Insurance Underwriters | 495 | 543 | 48 | **9.70%** | 14 | 28 | 24 | 66 |
| 47-4041 | Hazardous Materials Removal Workers | 274 | 299 | 25 | **9.12%** | 12 | 22 | 12 | 46 |
| 51-2091 | Fiberglass Laminators and Fabricators | 526 | 573 | 47 | **8.94%** | 24 | 40 | 24 | 88 |
| 49-9096 | Riggers | 223 | 242 | 19 | **8.52%** | 7 | 16 | 10 | 33 |
| 45-2091 | Agricultural Equipment Operators | 1,015 | 1,101 | 86 | **8.47%** | 38 | 120 | 43 | 201 |
| 43-9111 | Statistical Assistants | 83 | 90 | 7 | **8.43%** | 4 | 6 | 4 | 14 |
| 51-9081 | Dental Laboratory Technicians | 230 | 249 | 19 | **8.26%** | 10 | 16 | 10 | 36 |
| 51-6031 | Sewing Machine Operators | 1,752 | 1,893 | 141 | **8.05%** | 104 | 88 | 70 | 262 |
| 45-2092 | Farmworkers and Laborers, Crop, Nursery, and Greenhouse | 6,826 | 7,348 | 522 | **7.65%** | 259 | 808 | 261 | 1,328 |
| 53-1011 | Aircraft Cargo Handling Supervisors | 53 | 57 | 4 | **7.55%** | 2 | 4 | 2 | 8 |
| 53-7021 | Crane and Tower Operators | 319 | 343 | 24 | **7.52%** | 11 | 23 | 12 | 46 |
| 47-4071 | Septic Tank Servicers and Sewer Pipe Cleaners | 213 | 229 | 16 | **7.51%** | 11 | 16 | 8 | 35 |
| 43-5011 | Cargo and Freight Agents | 927 | 996 | 69 | **7.44%** | 30 | 48 | 34 | 112 |
| 51-4012 | Computer Numerically Controlled Machine Tool Programmers, Metal and Plastic | 82 | 88 | 6 | **7.32%** | 2 | 6 | 3 | 11 |
| 15-1122 | Information Security Analysts | 1,896 | 2,033 | 137 | **7.23%** | 35 | 96 | 68 | 199 |

##### 

##### Top 20 Occupations by Annual Exits

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **SOC Code** | **Standard Occupational Classification Title** | **2018 Estimated Employment** | **2020 Projected Employment** | **Numeric Change** | **Percent Change** | **Annual Separations- Exits** | **Annual Separations-Transfers** | **Annual Openings-Change** | **Total Annual Openings** |
| 11-9013 | Farmers, Ranchers, and Other Agricultural Managers | 60,956 | 61,972 | 1,016 | 1.67% | **3,593** | 912 | 508 | 5,013 |
| 41-2011 | Cashiers | 38,022 | 37,649 | -373 | -0.98% | **3,552** | 3,467 | -186 | 6,833 |
| 35-3021 | Combined Food Preparation and Serving Workers, Including Fast Food | 34,473 | 36,026 | 1,553 | 4.50% | **3,122** | 3,264 | 776 | 7,162 |
| 41-2031 | Retail Salespersons | 39,975 | 40,303 | 328 | 0.82% | **2,541** | 3,186 | 164 | 5,891 |
| 43-9061 | Office Clerks, General | 30,291 | 30,760 | 469 | 1.55% | **1,791** | 1,746 | 234 | 3,771 |
| 53-3032 | Heavy and Tractor-Trailer Truck Drivers | 34,897 | 36,115 | 1,218 | 3.49% | **1,506** | 2,230 | 609 | 4,345 |
| 39-9021 | Personal Care Aides | 16,820 | 17,855 | 1,035 | 6.15% | **1,384** | 1,042 | 518 | 2,944 |
| 35-3031 | Waiters and Waitresses | 17,920 | 18,380 | 460 | 2.57% | **1,344** | 2,058 | 230 | 3,632 |
| 37-2011 | Janitors and Cleaners, Except Maids and Housekeeping Cleaners | 19,076 | 19,766 | 690 | 3.62% | **1,264** | 1,222 | 345 | 2,831 |
| 53-7062 | Laborers and Freight, Stock, and Material Movers, Hand | 24,440 | 25,576 | 1,136 | 4.65% | **1,239** | 2,138 | 568 | 3,945 |
| 31-1014 | Nursing Assistants | 18,698 | 19,200 | 502 | 2.68% | **1,151** | 958 | 251 | 2,360 |
| 43-6014 | Secretaries and Administrative Assistants, Except Legal, Medical, and Executive | 20,178 | 20,247 | 69 | 0.34% | **1,089** | 1,059 | 34 | 2,182 |
| 39-9011 | Childcare Workers | 12,769 | 13,016 | 247 | 1.93% | **1,052** | 798 | 124 | 1,974 |
| 43-3031 | Bookkeeping, Accounting, and Auditing Clerks | 15,921 | 16,169 | 248 | 1.56% | **994** | 771 | 124 | 1,889 |
| 43-4051 | Customer Service Representatives | 17,272 | 17,887 | 615 | 3.56% | **898** | 1,319 | 308 | 2,525 |
| 37-2012 | Maids and Housekeeping Cleaners | 11,000 | 11,146 | 146 | 1.33% | **820** | 619 | 73 | 1,512 |
| 43-5081 | Stock Clerks and Order Fillers | 14,871 | 15,055 | 184 | 1.24% | **817** | 1,066 | 92 | 1,975 |
| 29-1141 | Registered Nurses | 25,612 | 26,305 | 693 | 2.71% | **743** | 564 | 346 | 1,653 |
| 41-1011 | First-Line Supervisors of Retail Sales Workers | 18,539 | 18,702 | 163 | 0.88% | **688** | 1,253 | 82 | 2,023 |
| 25-9041 | Teacher Assistants | 11,670 | 11,828 | 158 | 1.35% | **645** | 536 | 79 | 1,260 |

Top 20 Occupations by Annual Transfers

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **SOC Code** | **Standard Occupational Classification Title** | **2018 Estimated Employment** | **2020 Projected Employment** | **Numeric Change** | **Percent Change** | **Annual Separations- Exits** | **Annual Separations-Transfers** | **Annual Openings- Change** | **Total Annual Openings** |
| 41-2011 | Cashiers | 38,022 | 37,649 | -373 | -0.98% | 3,552 | **3,467** | -186 | 6,833 |
| 35-3021 | Combined Food Preparation and Serving Workers, Including Fast Food | 34,473 | 36,026 | 1,553 | 4.50% | 3,122 | **3,264** | 776 | 7,162 |
| 41-2031 | Retail Salespersons | 39,975 | 40,303 | 328 | 0.82% | 2,541 | **3,186** | 164 | 5,891 |
| 53-3032 | Heavy and Tractor-Trailer Truck Drivers | 34,897 | 36,115 | 1,218 | 3.49% | 1,506 | **2,230** | 609 | 4,345 |
| 53-7062 | Laborers and Freight, Stock, and Material Movers, Hand | 24,440 | 25,576 | 1,136 | 4.65% | 1,239 | **2,138** | 568 | 3,945 |
| 35-3031 | Waiters and Waitresses | 17,920 | 18,380 | 460 | 2.57% | 1,344 | **2,058** | 230 | 3,632 |
| 43-9061 | Office Clerks, General | 30,291 | 30,760 | 469 | 1.55% | 1,791 | **1,746** | 234 | 3,771 |
| 11-1021 | General and Operations Managers | 22,768 | 23,421 | 653 | 2.87% | 478 | **1,378** | 326 | 2,182 |
| 43-4051 | Customer Service Representatives | 17,272 | 17,887 | 615 | 3.56% | 898 | **1,319** | 308 | 2,525 |
| 41-1011 | First-Line Supervisors of Retail Sales Workers | 18,539 | 18,702 | 163 | 0.88% | 688 | **1,253** | 82 | 2,023 |
| 37-2011 | Janitors and Cleaners, Except Maids and Housekeeping Cleaners | 19,076 | 19,766 | 690 | 3.62% | 1,264 | **1,222** | 345 | 2,831 |
| 35-1012 | First-Line Supervisors of Food Preparation and Serving Workers | 11,013 | 11,325 | 312 | 2.83% | 500 | **1,066** | 156 | 1,722 |
| 43-5081 | Stock Clerks and Order Fillers | 14,871 | 15,055 | 184 | 1.24% | 817 | **1,066** | 92 | 1,975 |
| 43-6014 | Secretaries and Administrative Assistants, Except Legal, Medical, and Executive | 20,178 | 20,247 | 69 | 0.34% | 1,089 | **1,059** | 34 | 2,182 |
| 39-9021 | Personal Care Aides | 16,820 | 17,855 | 1,035 | 6.15% | 1,384 | **1,042** | 518 | 2,944 |
| 31-1014 | Nursing Assistants | 18,698 | 19,200 | 502 | 2.68% | 1,151 | **958** | 251 | 2,360 |
| 11-9013 | Farmers, Ranchers, and Other Agricultural Managers | 60,956 | 61,972 | 1,016 | 1.67% | 3,593 | **912** | 508 | 5,013 |
| 43-1011 | First-Line Supervisors of Office and Administrative Support Workers | 15,098 | 15,426 | 328 | 2.17% | 592 | **881** | 164 | 1,637 |
| 41-4012 | Sales Representatives, Wholesale and Manufacturing, Except Technical and Scientific Products | 12,580 | 12,966 | 386 | 3.07% | 422 | **856** | 193 | 1,471 |
| 51-9198 | Helpers--Production Workers | 8,678 | 9,302 | 624 | 7.19% | 482 | **856** | 312 | 1,650 |

Top 20 Occupations by Total Annual Openings

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **SOC Code** | **Standard Occupational Classification Title** | **2018 Estimated Employment** | **2020 Projected Employment** | **Numeric Change** | **Percent Change** | **Annual Separations-Exits** | **Annual Separations-Transfers** | **Annual Openings-Change** | **Total Annual Openings** |
| 35-3021 | Combined Food Preparation and Serving Workers, Including Fast Food | 34,473 | 36,026 | 1,553 | 4.50% | 3,122 | 3,264 | 776 | **7,162** |
| 41-2011 | Cashiers | 38,022 | 37,649 | -373 | -0.98% | 3,552 | 3,467 | -186 | **6,833** |
| 41-2031 | Retail Salespersons | 39,975 | 40,303 | 328 | 0.82% | 2,541 | 3,186 | 164 | **5,891** |
| 11-9013 | Farmers, Ranchers, and Other Agricultural Managers | 60,956 | 61,972 | 1,016 | 1.67% | 3,593 | 912 | 508 | **5,013** |
| 53-3032 | Heavy and Tractor-Trailer Truck Drivers | 34,897 | 36,115 | 1,218 | 3.49% | 1,506 | 2,230 | 609 | **4,345** |
| 53-7062 | Laborers and Freight, Stock, and Material Movers, Hand | 24,440 | 25,576 | 1,136 | 4.65% | 1,239 | 2,138 | 568 | **3,945** |
| 43-9061 | Office Clerks, General | 30,291 | 30,760 | 469 | 1.55% | 1,791 | 1,746 | 234 | **3,771** |
| 35-3031 | Waiters and Waitresses | 17,920 | 18,380 | 460 | 2.57% | 1,344 | 2,058 | 230 | **3,632** |
| 39-9021 | Personal Care Aides | 16,820 | 17,855 | 1,035 | 6.15% | 1,384 | 1,042 | 518 | **2,944** |
| 37-2011 | Janitors and Cleaners, Except Maids and Housekeeping Cleaners | 19,076 | 19,766 | 690 | 3.62% | 1,264 | 1,222 | 345 | **2,831** |
| 43-4051 | Customer Service Representatives | 17,272 | 17,887 | 615 | 3.56% | 898 | 1,319 | 308 | **2,525** |
| 31-1014 | Nursing Assistants | 18,698 | 19,200 | 502 | 2.68% | 1,151 | 958 | 251 | **2,360** |
| 11-1021 | General and Operations Managers | 22,768 | 23,421 | 653 | 2.87% | 478 | 1,378 | 326 | **2,182** |
| 43-6014 | Secretaries and Administrative Assistants, Except Legal, Medical, and Executive | 20,178 | 20,247 | 69 | 0.34% | 1,089 | 1,059 | 34 | **2,182** |
| 41-1011 | First-Line Supervisors of Retail Sales Workers | 18,539 | 18,702 | 163 | 0.88% | 688 | 1,253 | 82 | **2,023** |
| 43-5081 | Stock Clerks and Order Fillers | 14,871 | 15,055 | 184 | 1.24% | 817 | 1,066 | 92 | **1,975** |
| 39-9011 | Childcare Workers | 12,769 | 13,016 | 247 | 1.93% | 1,052 | 798 | 124 | **1,974** |
| 43-3031 | Bookkeeping, Accounting, and Auditing Clerks | 15,921 | 16,169 | 248 | 1.56% | 994 | 771 | 124 | **1,889** |
| 35-1012 | First-Line Supervisors of Food Preparation and Serving Workers | 11,013 | 11,325 | 312 | 2.83% | 500 | 1,066 | 156 | **1,722** |
| 29-1141 | Registered Nurses | 25,612 | 26,305 | 693 | 2.71% | 743 | 564 | 346 | **1,653** |

##### Top 20 Declining Occupations by Numeric Change

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **SOC Code** | **Standard Occupational Classification Title** | **2018 Estimated Employment** | **2020 Projected Employment** | **Numeric Change** | **Percent Change** | **Annual Separations-Exits** | **Annual Separations-Transfers** | **Annual Openings-Change** | **Total Annual Openings** |
| 41-2011 | Cashiers | 38,022 | 37,649 | **-373** | -0.98% | 3,552 | 3,467 | -186 | 6,833 |
| 43-6012 | Legal Secretaries | 1,667 | 1,613 | **-54** | -3.24% | 88 | 86 | -27 | 147 |
| 33-3012 | Correctional Officers and Jailers | 5,603 | 5,552 | **-51** | -0.91% | 197 | 250 | -26 | 421 |
| 51-2021 | Coil Winders, Tapers, and Finishers | 341 | 301 | **-40** | -11.73% | 16 | 21 | -20 | 17 |
| 51-8092 | Gas Plant Operators | 243 | 207 | **-36** | -14.81% | 5 | 17 | -18 | 4 |
| 29-2054 | Respiratory Therapy Technicians | 289 | 257 | **-32** | -11.07% | 9 | 12 | -16 | 5 |
| 49-9051 | Electrical Power-Line Installers and Repairers | 2,063 | 2,034 | **-29** | -1.41% | 52 | 108 | -14 | 146 |
| 51-5112 | Printing Press Operators | 2,147 | 2,121 | **-26** | -1.21% | 83 | 139 | -13 | 209 |
| 51-2028 | Electrical, Electronic, and Electromechanical Assemblers, Except Coil Winders, Tapers, and Finishers | 564 | 539 | **-25** | -4.43% | 28 | 36 | -12 | 52 |
| 43-9021 | Data Entry Keyers | 1,166 | 1,145 | **-21** | -1.80% | 60 | 74 | -10 | 124 |
| 49-2022 | Telecommunications Equipment Installers and Repairers, Except Line Installers | 1,711 | 1,690 | **-21** | -1.23% | 56 | 120 | -10 | 166 |
| 49-9052 | Telecommunications Line Installers and Repairers | 1,234 | 1,213 | **-21** | -1.70% | 30 | 90 | -10 | 110 |
| 27-1023 | Floral Designers | 741 | 721 | **-20** | -2.70% | 26 | 41 | -10 | 57 |
| 27-3022 | Reporters and Correspondents | 361 | 342 | **-19** | -5.26% | 11 | 23 | -10 | 24 |
| 51-2022 | Electrical and Electronic Equipment Assemblers | 834 | 815 | **-19** | -2.28% | 42 | 54 | -10 | 86 |
| 43-9022 | Word Processors and Typists | 293 | 278 | **-15** | -5.12% | 18 | 14 | -8 | 24 |
| 43-2011 | Switchboard Operators, Including Answering Service | 680 | 666 | **-14** | -2.06% | 42 | 45 | -7 | 80 |
| 43-6011 | Executive Secretaries and Executive Administrative Assistants | 4,265 | 4,253 | **-12** | -0.28% | 230 | 223 | -6 | 447 |
| 53-4011 | Locomotive Engineers | 308 | 296 | **-12** | -3.90% | 8 | 17 | -6 | 19 |
| 15-1131 | Computer Programmers | 2,300 | 2,289 | **-11** | -0.48% | 40 | 102 | -6 | 136 |

Top 20 Fastest Declining Occupations by Percent Change (Numeric Change No Greater than - 5)

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **SOC Code** | **Standard Occupational Classification Title** | **2018 Estimated Employment** | **2020 Projected Employment** | **Numeric Change** | **Percent Change** | **Annual Separations-Exits** | **Annual Separations-Transfers** | **Annual Openings-Change** | **Total Annual Openings** |
| 51-8092 | Gas Plant Operators | 243 | 207 | -36 | **-14.81%** | 5 | 17 | -18 | 4 |
| 51-2021 | Coil Winders, Tapers, and Finishers | 341 | 301 | -40 | **-11.73%** | 16 | 21 | -20 | 17 |
| 29-2054 | Respiratory Therapy Technicians | 289 | 257 | -32 | **-11.07%** | 9 | 12 | -16 | 5 |
| 27-3022 | Reporters and Correspondents | 361 | 342 | -19 | **-5.26%** | 11 | 23 | -10 | 24 |
| 43-9022 | Word Processors and Typists | 293 | 278 | -15 | **-5.12%** | 18 | 14 | -8 | 24 |
| 51-2028 | Electrical, Electronic, and Electromechanical Assemblers, Except Coil Winders, Tapers, and Finishers | 564 | 539 | -25 | **-4.43%** | 28 | 36 | -12 | 52 |
| 41-3041 | Travel Agents | 170 | 163 | -7 | **-4.12%** | 9 | 10 | -4 | 15 |
| 51-6021 | Pressers, Textile, Garment, and Related Materials | 269 | 258 | -11 | **-4.09%** | 16 | 18 | -6 | 28 |
| 51-5111 | Prepress Technicians and Workers | 256 | 246 | -10 | **-3.91%** | 10 | 19 | -5 | 24 |
| 53-4011 | Locomotive Engineers | 308 | 296 | -12 | **-3.90%** | 8 | 17 | -6 | 19 |
| 51-8012 | Power Distributors and Dispatchers | 239 | 230 | -9 | **-3.77%** | 6 | 14 | -4 | 16 |
| 43-6012 | Legal Secretaries | 1,667 | 1,613 | -54 | **-3.24%** | 88 | 86 | -27 | 147 |
| 43-9011 | Computer Operators | 288 | 280 | -8 | **-2.78%** | 12 | 18 | -4 | 26 |
| 27-1023 | Floral Designers | 741 | 721 | -20 | **-2.70%** | 26 | 41 | -10 | 57 |
| 49-9012 | Control and Valve Installers and Repairers, Except Mechanical Door | 272 | 265 | -7 | **-2.57%** | 6 | 14 | -4 | 16 |
| 51-2022 | Electrical and Electronic Equipment Assemblers | 834 | 815 | -19 | **-2.28%** | 42 | 54 | -10 | 86 |
| 43-2011 | Switchboard Operators, Including Answering Service | 680 | 666 | -14 | **-2.06%** | 42 | 45 | -7 | 80 |
| 51-5113 | Print Binding and Finishing Workers | 251 | 246 | -5 | **-1.99%** | 19 | 14 | -2 | 31 |
| 43-9021 | Data Entry Keyers | 1,166 | 1,145 | -21 | **-1.80%** | 60 | 74 | -10 | 124 |
| 53-6051 | Transportation Inspectors | 286 | 281 | -5 | **-1.75%** | 10 | 17 | -2 | 25 |

| **Standard Occupational Classification** | | **Employment** | | **Change** | | **Annual Separations** | | **Annual Openings** | | **Education/Training Codes** | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Code** | **Title** | **2018 Estimated** | **2020 Projected** | **Numeric** | **Percent** | **Exits** | **Transfers** | **Change** | **Total** | **Education** | **Work Experience** | **Job Training** |
| **00-0000** | **TOTAL, ALL OCCUPATIONS** | **1,406,886** | **1,445,628** | **38,742** | **2.75%** | **66,790** | **86,800** | **19,371** | **172,961** |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |
| **11-0000** | **MANAGEMENT OCCUPATIONS** | **137,422** | **140,887** | **3,465** | **2.52%** | **5,544** | **4,942** | **1,732** | **12,218** |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |
| ***11-1000*** | ***Top Executives*** | ***26,726*** | ***27,420*** | ***694*** | ***2.60%*** | ***592*** | ***1,542*** | ***347*** | ***2,481*** |  |  |  |
| 11-1011 | Chief Executives | 2,962 | 2,974 | 12 | 0.41% | 86 | 122 | 6 | 214 | 3 | 1 | 6 |
| 11-1021 | General and Operations Managers | 22,768 | 23,421 | 653 | 2.87% | 478 | 1,378 | 326 | 2,182 | 3 | 1 | 6 |
| 11-1031 | Legislators | 996 | 1,025 | 29 | 2.91% | 28 | 42 | 14 | 84 | 3 | 2 | 6 |
| ***11-2000*** | ***Advertising, Marketing, Promotions, Public Relations, and Sales Managers*** | ***5,000*** | ***5,180*** | ***180*** | ***3.60%*** | ***116*** | ***308*** | ***90*** | ***514*** |  |  |  |
| 11-2011 | Advertising and Promotions Managers | 154 | 159 | 5 | 3.25% | 4 | 12 | 2 | 18 | 3 | 2 | 6 |
| 11-2021 | Marketing Managers | 1,596 | 1,645 | 49 | 3.07% | 37 | 98 | 24 | 159 | 3 | 1 | 6 |
| 11-2022 | Sales Managers | 2,511 | 2,601 | 90 | 3.58% | 58 | 155 | 45 | 258 | 3 | 2 | 6 |
| 11-2031 | Public Relations and Fundraising Managers | 739 | 775 | 36 | 4.87% | 16 | 43 | 18 | 77 | 3 | 1 | 6 |
| ***11-3000*** | ***Operations Specialties Managers*** | ***14,526*** | ***15,148*** | ***622*** | ***4.28%*** | ***351*** | ***748*** | ***311*** | ***1,410*** |  |  |  |
| 11-3011 | Administrative Services Managers | 2,386 | 2,480 | 94 | 3.94% | 73 | 119 | 47 | 239 | 3 | 2 | 6 |
| 11-3021 | Computer and Information Systems Managers | 2,461 | 2,572 | 111 | 4.51% | 44 | 137 | 56 | 237 | 3 | 1 | 6 |
| 11-3031 | Financial Managers | 4,348 | 4,575 | 227 | 5.22% | 102 | 221 | 114 | 437 | 3 | 1 | 6 |
| 11-3051 | Industrial Production Managers | 1,986 | 2,069 | 83 | 4.18% | 47 | 92 | 42 | 181 | 3 | 1 | 6 |
| 11-3061 | Purchasing Managers | 546 | 562 | 16 | 2.93% | 16 | 27 | 8 | 51 | 3 | 1 | 6 |
| 11-3071 | Transportation, Storage, and Distribution Managers | 1,433 | 1,477 | 44 | 3.07% | 33 | 76 | 22 | 131 | 7 | 1 | 6 |
| 11-3111 | Compensation and Benefits Managers | 109 | 111 | 2 | 1.83% | 2 | 5 | 1 | 8 | 3 | 1 | 6 |
| 11-3121 | Human Resources Managers | 958 | 994 | 36 | 3.76% | 24 | 52 | 18 | 94 | 3 | 1 | 6 |
| 11-3131 | Training and Development Managers | 299 | 308 | 9 | 3.01% | 8 | 18 | 4 | 30 | 3 | 1 | 6 |
| ***11-9000*** | ***Other Management Occupations*** | ***91,170*** | ***93,139*** | ***1,969*** | ***2.16%*** | ***4,486*** | ***2,344*** | ***984*** | ***7,814*** |  |  |  |
| 11-9013 | Farmers, Ranchers, and Other Agricultural Managers | 60,956 | 61,972 | 1,016 | 1.67% | 3,593 | 912 | 508 | 5,013 | 7 | 1 | 6 |
| 11-9021 | Construction Managers | 2,984 | 3,063 | 79 | 2.65% | 70 | 134 | 40 | 244 | 3 | 3 | 4 |
| 11-9031 | Education Administrators, Preschool and Childcare Center/Program | 565 | 573 | 8 | 1.42% | 16 | 26 | 4 | 46 | 3 | 2 | 6 |
| 11-9032 | Education Administrators, Elementary and Secondary School | 2,415 | 2,440 | 25 | 1.04% | 68 | 110 | 12 | 190 | 2 | 1 | 6 |
| 11-9033 | Education Administrators, Postsecondary | 1,650 | 1,694 | 44 | 2.67% | 47 | 76 | 22 | 145 | 2 | 2 | 6 |
| 11-9039 | Education Administrators, All Other | 394 | 401 | 7 | 1.78% | 11 | 18 | 4 | 33 | 3 | 2 | 6 |
| 11-9041 | Architectural and Engineering Managers | 578 | 585 | 7 | 1.21% | 12 | 28 | 4 | 44 | 3 | 1 | 6 |
| 11-9051 | Food Service Managers | 2,319 | 2,396 | 77 | 3.32% | 74 | 174 | 38 | 286 | 7 | 2 | 6 |
| 11-9061 | Funeral Service Managers | 395 | 407 | 12 | 3.04% | 11 | 17 | 6 | 34 | 4 | 2 | 6 |
| 11-9111 | Medical and Health Services Managers | 4,664 | 4,841 | 177 | 3.80% | 129 | 232 | 88 | 449 | 3 | 2 | 6 |
| 11-9121 | Natural Sciences Managers | 282 | 287 | 5 | 1.77% | 6 | 16 | 2 | 24 | 3 | 1 | 6 |
| 11-9131 | Postmasters and Mail Superintendents | 188 | 184 | -4 | -2.13% | 5 | 8 | -2 | 11 | 7 | 2 | 4 |
| 11-9141 | Property, Real Estate, and Community Association Managers | 3,235 | 3,400 | 165 | 5.10% | 138 | 111 | 82 | 331 | 7 | 2 | 6 |
| 11-9151 | Social and Community Service Managers | 1,725 | 1,792 | 67 | 3.88% | 58 | 92 | 34 | 184 | 3 | 2 | 6 |
| 11-9199 | Managers, All Other | 8,075 | 8,347 | 272 | 3.37% | 222 | 344 | 136 | 702 | 3 | 2 | 6 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |
| **13-0000** | **BUSINESS AND FINANCIAL OPERATIONS OCCUPATIONS** | **59,433** | **61,703** | **2,270** | **3.82%** | **1,802** | **3,524** | **1,135** | **6,461** |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |
| ***13-1000*** | ***Business Operations Specialists*** | ***38,995*** | ***40,596*** | ***1,601*** | ***4.11%*** | ***1,200*** | ***2,402*** | ***800*** | ***4,402*** |  |  |  |
| 13-1020 | Buyers and Purchasing Agents | 1,786 | 1,804 | 18 | 1.01% | 66 | 121 | 9 | 196 | 3 | 3 | 4 |
| 13-1021 | Buyers and Purchasing Agents, Farm Products | 126 | 126 | 0 | 0.00% | 6 | 8 | 0 | 14 | 3 | 3 | 4 |
| 13-1023 | Purchasing Agents, Except Wholesale, Retail, and Farm Products | 1,025 | 1,048 | 23 | 2.24% | 31 | 58 | 12 | 101 | 3 | 3 | 4 |
| 13-1031 | Claims Adjusters, Examiners, and Investigators | 1,926 | 2,022 | 96 | 4.98% | 50 | 110 | 48 | 208 | 7 | 3 | 3 |
| 13-1032 | Insurance Appraisers, Auto Damage | 33 | 33 | 0 | 0.00% | 1 | 2 | 0 | 3 | 5 | 3 | 4 |
| 13-1041 | Compliance Officers | 2,909 | 3,023 | 114 | 3.92% | 83 | 150 | 57 | 290 | 3 | 3 | 4 |
| 13-1051 | Cost Estimators | 1,239 | 1,277 | 38 | 3.07% | 40 | 82 | 19 | 141 | 3 | 3 | 4 |
| 13-1071 | Human Resources Specialists | 3,558 | 3,684 | 126 | 3.54% | 105 | 238 | 63 | 406 | 3 | 3 | 6 |
| 13-1075 | Labor Relations Specialists | 378 | 372 | -6 | -1.59% | 11 | 24 | -3 | 32 | 3 | 2 | 6 |
| 13-1081 | Logisticians | 1,524 | 1,578 | 54 | 3.54% | 38 | 110 | 27 | 175 | 3 | 3 | 6 |
| 13-1111 | Management Analysts | 6,949 | 7,345 | 396 | 5.70% | 230 | 370 | 198 | 798 | 3 | 2 | 6 |
| 13-1121 | Meeting, Convention, and Event Planners | 764 | 793 | 29 | 3.80% | 30 | 58 | 14 | 102 | 3 | 3 | 6 |
| 13-1131 | Fundraisers | 682 | 716 | 34 | 4.99% | 22 | 46 | 17 | 85 | 3 | 3 | 6 |
| 13-1141 | Compensation, Benefits, and Job Analysis Specialists | 685 | 704 | 19 | 2.77% | 18 | 38 | 10 | 66 | 3 | 2 | 6 |
| 13-1151 | Training and Development Specialists | 3,060 | 3,175 | 115 | 3.76% | 96 | 200 | 58 | 354 | 3 | 2 | 6 |
| 13-1161 | Market Research Analysts and Marketing Specialists | 4,690 | 4,969 | 279 | 5.95% | 128 | 332 | 140 | 600 | 3 | 3 | 6 |
| 13-1199 | Business Operations Specialists, All Other | 7,201 | 7,460 | 259 | 3.60% | 230 | 423 | 130 | 783 | 3 | 3 | 6 |
| ***13-2000*** | ***Financial Specialists*** | ***20,438*** | ***21,107*** | ***669*** | ***3.27%*** | ***602*** | ***1,122*** | ***334*** | ***2,058*** |  |  |  |
| 13-2011 | Accountants and Auditors | 8,667 | 8,959 | 292 | 3.37% | 260 | 507 | 146 | 913 | 3 | 3 | 6 |
| 13-2021 | Appraisers and Assessors of Real Estate | 791 | 830 | 39 | 4.93% | 28 | 24 | 20 | 72 | 3 | 3 | 3 |
| 13-2031 | Budget Analysts | 701 | 709 | 8 | 1.14% | 19 | 32 | 4 | 55 | 3 | 3 | 6 |
| 13-2041 | Credit Analysts | 386 | 395 | 9 | 2.33% | 9 | 22 | 4 | 35 | 3 | 3 | 6 |
| 13-2051 | Financial Analysts | 1,256 | 1,314 | 58 | 4.62% | 26 | 80 | 29 | 135 | 3 | 3 | 6 |
| 13-2052 | Personal Financial Advisors | 834 | 864 | 30 | 3.60% | 21 | 42 | 15 | 78 | 3 | 3 | 3 |
| 13-2053 | Insurance Underwriters | 495 | 543 | 48 | 9.70% | 14 | 28 | 24 | 66 | 3 | 3 | 4 |
| 13-2061 | Financial Examiners | 221 | 225 | 4 | 1.81% | 6 | 10 | 2 | 18 | 3 | 3 | 3 |
| 13-2072 | Loan Officers | 4,239 | 4,347 | 108 | 2.55% | 104 | 238 | 54 | 396 | 3 | 3 | 4 |
| 13-2081 | Tax Examiners and Collectors, and Revenue Agents | 528 | 534 | 6 | 1.14% | 16 | 20 | 3 | 39 | 3 | 3 | 4 |
| 13-2082 | Tax Preparers | 1,191 | 1,225 | 34 | 2.85% | 66 | 60 | 17 | 143 | 7 | 3 | 4 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |
| **15-0000** | **COMPUTER AND MATHEMATICAL OCCUPATIONS** | **26,168** | **27,115** | **947** | **3.62%** | **460** | **1,274** | **474** | **2,208** |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |
| ***15-1100*** | ***Computer Occupations*** | ***25,047*** | ***25,913*** | ***866*** | ***3.46%*** | ***438*** | ***1,224*** | ***433*** | ***2,095*** |  |  |  |
| 15-1111 | Computer and Information Research Scientists | 39 | 40 | 1 | 2.56% | 0 | 2 | 0 | 2 | 2 | 3 | 6 |
| 15-1121 | Computer Systems Analysts | 3,877 | 3,988 | 111 | 2.86% | 72 | 176 | 56 | 304 | 3 | 3 | 6 |
| 15-1122 | Information Security Analysts | 1,896 | 2,033 | 137 | 7.23% | 35 | 96 | 68 | 199 | 3 | 2 | 6 |
| 15-1131 | Computer Programmers | 2,300 | 2,289 | -11 | -0.48% | 40 | 102 | -6 | 136 | 3 | 3 | 6 |
| 15-1132 | Software Developers, Applications | 3,916 | 4,137 | 221 | 5.64% | 55 | 198 | 110 | 363 | 3 | 3 | 6 |
| 15-1133 | Software Developers, Systems Software | 1,334 | 1,371 | 37 | 2.77% | 18 | 66 | 18 | 102 | 3 | 3 | 6 |
| 15-1134 | Web Developers | 463 | 482 | 19 | 4.10% | 9 | 24 | 10 | 43 | 4 | 3 | 6 |
| 15-1141 | Database Administrators | 721 | 762 | 41 | 5.69% | 16 | 31 | 20 | 67 | 3 | 3 | 6 |
| 15-1142 | Network and Computer Systems Administrators | 2,863 | 2,945 | 82 | 2.86% | 41 | 136 | 41 | 218 | 3 | 3 | 6 |
| 15-1143 | Computer Network Architects | 863 | 886 | 23 | 2.67% | 12 | 43 | 12 | 67 | 3 | 1 | 6 |
| 15-1151 | Computer User Support Specialists | 4,062 | 4,179 | 117 | 2.88% | 84 | 212 | 58 | 354 | 6 | 3 | 6 |
| 15-1152 | Computer Network Support Specialists | 1,863 | 1,936 | 73 | 3.92% | 38 | 98 | 36 | 172 | 4 | 3 | 6 |
| 15-1199 | Computer Occupations, All Other | 850 | 865 | 15 | 1.76% | 16 | 40 | 8 | 64 | 3 | 3 | 6 |
| ***15-2000*** | ***Mathematical Science Occupations*** | ***1,121*** | ***1,202*** | ***81*** | ***7.23%*** | ***23*** | ***50*** | ***40*** | ***113*** |  |  |  |
| 15-2031 | Operations Research Analysts | 633 | 676 | 43 | 6.79% | 14 | 24 | 22 | 60 | 3 | 3 | 6 |
| 15-2041 | Statisticians | 397 | 420 | 23 | 5.79% | 8 | 21 | 12 | 41 | 2 | 3 | 6 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |
| **17-0000** | **ARCHITECTURE AND ENGINEERING OCCUPATIONS** | **11,369** | **11,666** | **297** | **2.61%** | **292** | **530** | **148** | **970** |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |
| ***17-1000*** | ***Architects, Surveyors, and Cartographers*** | ***1,414*** | ***1,436*** | ***22*** | ***1.56%*** | ***38*** | ***62*** | ***11*** | ***111*** |  |  |  |
| 17-1011 | Architects, Except Landscape and Naval | 734 | 742 | 8 | 1.09% | 18 | 33 | 4 | 55 | 3 | 3 | 2 |
| 17-1012 | Landscape Architects | 110 | 111 | 1 | 0.91% | 3 | 5 | 0 | 8 | 3 | 3 | 2 |
| 17-1021 | Cartographers and Photogrammetrists | 92 | 95 | 3 | 3.26% | 2 | 4 | 2 | 8 | 3 | 3 | 6 |
| 17-1022 | Surveyors | 478 | 488 | 10 | 2.09% | 14 | 20 | 5 | 39 | 3 | 3 | 2 |
| ***17-2000*** | ***Engineers*** | ***6,823*** | ***7,003*** | ***180*** | ***2.64%*** | ***155*** | ***294*** | ***90*** | ***539*** |  |  |  |
| 17-2031 | Biomedical Engineers | 59 | 60 | 1 | 1.69% | 2 | 2 | 0 | 4 | 3 | 3 | 6 |
| 17-2041 | Chemical Engineers | 88 | 91 | 3 | 3.41% | 2 | 4 | 2 | 8 | 3 | 3 | 6 |
| 17-2051 | Civil Engineers | 1,535 | 1,561 | 26 | 1.69% | 34 | 76 | 13 | 123 | 3 | 3 | 6 |
| 17-2061 | Computer Hardware Engineers | 269 | 273 | 4 | 1.49% | 6 | 12 | 2 | 20 | 3 | 3 | 6 |
| 17-2071 | Electrical Engineers | 965 | 967 | 2 | 0.21% | 22 | 38 | 1 | 61 | 3 | 3 | 6 |
| 17-2072 | Electronics Engineers, Except Computer | 294 | 306 | 12 | 4.08% | 7 | 12 | 6 | 25 | 3 | 3 | 6 |
| 17-2081 | Environmental Engineers | 141 | 142 | 1 | 0.71% | 4 | 6 | 0 | 10 | 3 | 3 | 6 |
| 17-2111 | Health and Safety Engineers, Except Mining Safety Engineers and Inspectors | 164 | 165 | 1 | 0.61% | 4 | 6 | 0 | 10 | 3 | 3 | 6 |
| 17-2112 | Industrial Engineers | 1,247 | 1,310 | 63 | 5.05% | 29 | 52 | 32 | 113 | 3 | 3 | 6 |
| 17-2131 | Materials Engineers | 181 | 188 | 7 | 3.87% | 6 | 7 | 4 | 17 | 3 | 3 | 6 |
| 17-2141 | Mechanical Engineers | 760 | 778 | 18 | 2.37% | 16 | 32 | 9 | 57 | 3 | 3 | 6 |
| 17-2199 | Engineers, All Other | 700 | 727 | 27 | 3.86% | 16 | 29 | 14 | 59 | 3 | 3 | 6 |
| ***17-3000*** | ***Drafters, Engineering Technicians, and Mapping Technicians*** | ***3,132*** | ***3,227*** | ***95*** | ***3.03%*** | ***98*** | ***175*** | ***48*** | ***321*** |  |  |  |
| 17-3011 | Architectural and Civil Drafters | 485 | 498 | 13 | 2.68% | 14 | 26 | 6 | 46 | 4 | 3 | 6 |
| 17-3012 | Electrical and Electronics Drafters | 154 | 155 | 1 | 0.65% | 4 | 8 | 0 | 12 | 4 | 3 | 6 |
| 17-3013 | Mechanical Drafters | 326 | 341 | 15 | 4.60% | 10 | 18 | 8 | 36 | 4 | 3 | 6 |
| 17-3019 | Drafters, All Other | 37 | 40 | 3 | 8.11% | 1 | 2 | 2 | 5 | 4 | 3 | 6 |
| 17-3023 | Electrical and Electronics Engineering Technicians | 622 | 639 | 17 | 2.73% | 20 | 33 | 8 | 61 | 4 | 3 | 6 |
| 17-3025 | Environmental Engineering Technicians | 129 | 132 | 3 | 2.33% | 4 | 7 | 2 | 13 | 4 | 3 | 6 |
| 17-3026 | Industrial Engineering Technicians | 277 | 289 | 12 | 4.33% | 9 | 15 | 6 | 30 | 4 | 3 | 6 |
| 17-3027 | Mechanical Engineering Technicians | 83 | 83 | 0 | 0.00% | 2 | 4 | 0 | 6 | 4 | 3 | 6 |
| 17-3029 | Engineering Technicians, Except Drafters, All Other | 460 | 476 | 16 | 3.48% | 15 | 24 | 8 | 47 | 4 | 3 | 6 |
| 17-3031 | Surveying and Mapping Technicians | 327 | 336 | 9 | 2.75% | 11 | 24 | 4 | 39 | 7 | 3 | 4 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |
| **19-0000** | **LIFE, PHYSICAL, AND SOCIAL SCIENCE OCCUPATIONS** | **7,259** | **7,441** | **182** | **2.51%** | **204** | **470** | **91** | **765** |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |
| ***19-1000*** | ***Life Scientists*** | ***1,689*** | ***1,720*** | ***31*** | ***1.84%*** | ***38*** | ***111*** | ***16*** | ***165*** |  |  |  |
| 19-1012 | Food Scientists and Technologists | 169 | 176 | 7 | 4.14% | 4 | 12 | 4 | 20 | 3 | 3 | 6 |
| 19-1013 | Soil and Plant Scientists | 145 | 149 | 4 | 2.76% | 4 | 10 | 2 | 16 | 3 | 3 | 6 |
| 19-1022 | Microbiologists | 147 | 149 | 2 | 1.36% | 3 | 10 | 1 | 14 | 3 | 3 | 6 |
| 19-1023 | Zoologists and Wildlife Biologists | 165 | 166 | 1 | 0.61% | 4 | 10 | 0 | 14 | 3 | 3 | 6 |
| 19-1029 | Biological Scientists, All Other | 269 | 266 | -3 | -1.12% | 6 | 17 | -2 | 21 | 3 | 3 | 6 |
| 19-1031 | Conservation Scientists | 208 | 207 | -1 | -0.48% | 4 | 12 | 0 | 16 | 3 | 3 | 6 |
| 19-1032 | Foresters | 280 | 282 | 2 | 0.71% | 6 | 17 | 1 | 24 | 3 | 3 | 6 |
| 19-1041 | Epidemiologists | 52 | 53 | 1 | 1.92% | 1 | 4 | 0 | 5 | 2 | 3 | 6 |
| 19-1042 | Medical Scientists, Except Epidemiologists | 115 | 122 | 7 | 6.09% | 2 | 8 | 4 | 14 | 1 | 3 | 6 |
| ***19-2000*** | ***Physical Scientists*** | ***1,045*** | ***1,070*** | ***25*** | ***2.39%*** | ***24*** | ***69*** | ***12*** | ***105*** |  |  |  |
| 19-2021 | Atmospheric and Space Scientists | 20 | 20 | 0 | 0.00% | 0 | 1 | 0 | 1 | 3 | 3 | 6 |
| 19-2031 | Chemists | 455 | 464 | 9 | 1.98% | 12 | 29 | 4 | 45 | 3 | 3 | 6 |
| 19-2041 | Environmental Scientists and Specialists, Including Health | 345 | 363 | 18 | 5.22% | 8 | 24 | 9 | 41 | 3 | 3 | 6 |
| 19-2042 | Geoscientists, Except Hydrologists and Geographers | 99 | 99 | 0 | 0.00% | 2 | 7 | 0 | 9 | 3 | 3 | 6 |
| 19-2043 | Hydrologists | 24 | 24 | 0 | 0.00% | 0 | 2 | 0 | 2 | 3 | 3 | 6 |
| 19-2099 | Physical Scientists, All Other | 40 | 40 | 0 | 0.00% | 0 | 2 | 0 | 2 | 3 | 3 | 6 |
| ***19-3000*** | ***Social Scientists and Related Workers*** | ***1,454*** | ***1,506*** | ***52*** | ***3.58%*** | ***36*** | ***70*** | ***26*** | ***132*** |  |  |  |
| 19-3011 | Economists | 101 | 103 | 2 | 1.98% | 2 | 6 | 1 | 9 | 2 | 3 | 6 |
| 19-3031 | Clinical, Counseling, and School Psychologists | 724 | 743 | 19 | 2.62% | 18 | 28 | 10 | 56 | 1 | 3 | 2 |
| 19-3039 | Psychologists, All Other | 107 | 106 | -1 | -0.93% | 2 | 4 | 0 | 6 | 2 | 3 | 2 |
| 19-3051 | Urban and Regional Planners | 69 | 71 | 2 | 2.90% | 2 | 4 | 1 | 7 | 2 | 3 | 6 |
| 19-3091 | Anthropologists and Archeologists | 41 | 41 | 0 | 0.00% | 1 | 2 | 0 | 3 | 2 | 3 | 6 |
| 19-3099 | Social Scientists and Related Workers, All Other | 167 | 166 | -1 | -0.60% | 4 | 10 | 0 | 14 | 3 | 3 | 6 |
| ***19-4000*** | ***Life, Physical, and Social Science Technicians*** | ***3,071*** | ***3,145*** | ***74*** | ***2.41%*** | ***106*** | ***220*** | ***37*** | ***363*** |  |  |  |
| 19-4011 | Agricultural and Food Science Technicians | 941 | 969 | 28 | 2.98% | 26 | 68 | 14 | 108 | 4 | 3 | 4 |
| 19-4021 | Biological Technicians | 254 | 259 | 5 | 1.97% | 6 | 18 | 2 | 26 | 3 | 3 | 6 |
| 19-4031 | Chemical Technicians | 444 | 449 | 5 | 1.13% | 15 | 26 | 2 | 43 | 4 | 3 | 4 |
| 19-4061 | Social Science Research Assistants | 305 | 315 | 10 | 3.28% | 12 | 23 | 5 | 40 | 3 | 3 | 6 |
| 19-4091 | Environmental Science and Protection Technicians, Including Health | 170 | 179 | 9 | 5.29% | 7 | 13 | 4 | 24 | 4 | 3 | 6 |
| 19-4092 | Forensic Science Technicians | 154 | 160 | 6 | 3.90% | 6 | 12 | 3 | 21 | 3 | 3 | 4 |
| 19-4093 | Forest and Conservation Technicians | 275 | 273 | -2 | -0.73% | 11 | 20 | -1 | 30 | 4 | 3 | 6 |
| 19-4099 | Life, Physical, and Social Science Technicians, All Other | 417 | 430 | 13 | 3.12% | 17 | 32 | 6 | 55 | 4 | 3 | 6 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |
| **21-0000** | **COMMUNITY AND SOCIAL SERVICE OCCUPATIONS** | **26,034** | **27,133** | **1,099** | **4.22%** | **1,112** | **1,738** | **550** | **3,400** |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |
| ***21-1000*** | ***Counselors, Social Workers, and Other Community and Social Service Specialists*** | ***15,257*** | ***15,739*** | ***482*** | ***3.16%*** | ***599*** | ***1,026*** | ***241*** | ***1,866*** |  |  |  |
| 21-1011 | Substance Abuse and Behavioral Disorder Counselors | 579 | 600 | 21 | 3.63% | 22 | 38 | 10 | 70 | 3 | 3 | 6 |
| 21-1012 | Educational, Guidance, School, and Vocational Counselors | 2,296 | 2,341 | 45 | 1.96% | 86 | 152 | 22 | 260 | 2 | 3 | 6 |
| 21-1014 | Mental Health Counselors | 900 | 947 | 47 | 5.22% | 34 | 60 | 24 | 118 | 2 | 3 | 2 |
| 21-1015 | Rehabilitation Counselors | 473 | 491 | 18 | 3.81% | 18 | 32 | 9 | 59 | 2 | 3 | 6 |
| 21-1018 | Substance Abuse, Behavioral Disorder, and Mental Health Counselors | 467 | 490 | 23 | 4.93% | 18 | 32 | 12 | 62 | 2 | 3 | 2 |
| 21-1021 | Child, Family, and School Social Workers | 1,525 | 1,562 | 37 | 2.43% | 56 | 98 | 18 | 172 | 3 | 3 | 6 |
| 21-1022 | Healthcare Social Workers | 1,435 | 1,485 | 50 | 3.48% | 52 | 93 | 25 | 170 | 2 | 3 | 2 |
| 21-1023 | Mental Health and Substance Abuse Social Workers | 1,080 | 1,127 | 47 | 4.35% | 40 | 70 | 24 | 134 | 2 | 3 | 2 |
| 21-1029 | Social Workers, All Other | 611 | 617 | 6 | 0.98% | 22 | 39 | 3 | 64 | 3 | 3 | 6 |
| 21-1091 | Health Educators | 237 | 242 | 5 | 2.11% | 11 | 18 | 2 | 31 | 3 | 3 | 6 |
| 21-1092 | Probation Officers and Correctional Treatment Specialists | 945 | 959 | 14 | 1.48% | 29 | 50 | 7 | 86 | 3 | 3 | 5 |
| 21-1093 | Social and Human Service Assistants | 3,844 | 3,979 | 135 | 3.51% | 175 | 280 | 68 | 523 | 7 | 3 | 5 |
| 21-1094 | Community Health Workers | 379 | 396 | 17 | 4.49% | 18 | 28 | 8 | 54 | 7 | 3 | 5 |
| 21-1099 | Community and Social Service Specialists, All Other | 374 | 388 | 14 | 3.74% | 17 | 28 | 7 | 52 | 3 | 3 | 6 |
| ***21-2000*** | ***Religious Workers*** | ***10,777*** | ***11,394*** | ***617*** | ***5.73%*** | ***514*** | ***712*** | ***308*** | ***1,534*** |  |  |  |
| 21-2011 | Clergy | 8,376 | 8,858 | 482 | 5.75% | 395 | 528 | 241 | 1,164 | 3 | 3 | 4 |
| 21-2021 | Directors, Religious Activities and Education | 1,992 | 2,104 | 112 | 5.62% | 91 | 156 | 56 | 303 | 3 | 2 | 6 |
| 21-2099 | Religious Workers, All Other | 409 | 432 | 23 | 5.62% | 28 | 28 | 12 | 68 | 3 | 3 | 6 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |
| **23-0000** | **LEGAL OCCUPATIONS** | **7,605** | **7,819** | **214** | **2.81%** | **198** | **283** | **107** | **588** |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |
| ***23-1000*** | ***Lawyers, Judges, and Related Workers*** | ***4,432*** | ***4,535*** | ***103*** | ***2.32%*** | ***88*** | ***98*** | ***52*** | ***238*** |  |  |  |
| 23-1011 | Lawyers | 3,512 | 3,590 | 78 | 2.22% | 70 | 77 | 39 | 186 | 1 | 3 | 6 |
| 23-1012 | Judicial Law Clerks | 72 | 74 | 2 | 2.78% | 1 | 2 | 1 | 4 | 1 | 3 | 6 |
| 23-1021 | Administrative Law Judges, Adjudicators, and Hearing Officers | 383 | 392 | 9 | 2.35% | 8 | 8 | 4 | 20 | 1 | 1 | 5 |
| 23-1022 | Arbitrators, Mediators, and Conciliators | 157 | 164 | 7 | 4.46% | 3 | 4 | 4 | 11 | 3 | 2 | 4 |
| 23-1023 | Judges, Magistrate Judges, and Magistrates | 308 | 315 | 7 | 2.27% | 6 | 6 | 4 | 16 | 1 | 1 | 5 |
| ***23-2000*** | ***Legal Support Workers*** | ***3,173*** | ***3,284*** | ***111*** | ***3.50%*** | ***110*** | ***185*** | ***56*** | ***351*** |  |  |  |
| 23-2011 | Paralegals and Legal Assistants | 1,754 | 1,813 | 59 | 3.36% | 59 | 118 | 30 | 207 | 4 | 3 | 6 |
| 23-2091 | Court Reporters | 223 | 226 | 3 | 1.35% | 8 | 10 | 2 | 20 | 5 | 3 | 5 |
| 23-2093 | Title Examiners, Abstractors, and Searchers | 903 | 950 | 47 | 5.20% | 32 | 42 | 24 | 98 | 7 | 3 | 4 |
| 23-2099 | Legal Support Workers, All Other | 293 | 295 | 2 | 0.68% | 10 | 14 | 1 | 25 | 4 | 3 | 6 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |
| **25-0000** | **EDUCATION, TRAINING, AND LIBRARY OCCUPATIONS** | **81,097** | **82,632** | **1,535** | **1.89%** | **3,354** | **3,332** | **768** | **7,454** |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |
| ***25-1000*** | ***Postsecondary Teachers*** | ***16,465*** | ***16,968*** | ***503*** | ***3.05%*** | ***613*** | ***637*** | ***252*** | ***1,502*** |  |  |  |
| 25-1011 | Business Teachers, Postsecondary | 769 | 800 | 31 | 4.03% | 28 | 30 | 16 | 74 | 1 | 3 | 6 |
| 25-1021 | Computer Science Teachers, Postsecondary | 330 | 337 | 7 | 2.12% | 12 | 12 | 4 | 28 | 1 | 3 | 6 |
| 25-1022 | Mathematical Science Teachers, Postsecondary | 516 | 527 | 11 | 2.13% | 19 | 20 | 6 | 45 | 1 | 3 | 6 |
| 25-1031 | Architecture Teachers, Postsecondary | 54 | 55 | 1 | 1.85% | 2 | 2 | 0 | 4 | 1 | 3 | 6 |
| 25-1032 | Engineering Teachers, Postsecondary | 311 | 325 | 14 | 4.50% | 12 | 12 | 7 | 31 | 1 | 3 | 6 |
| 25-1041 | Agricultural Sciences Teachers, Postsecondary | 473 | 485 | 12 | 2.54% | 18 | 18 | 6 | 42 | 1 | 3 | 6 |
| 25-1042 | Biological Science Teachers, Postsecondary | 474 | 492 | 18 | 3.80% | 18 | 18 | 9 | 45 | 1 | 3 | 6 |
| 25-1051 | Atmospheric, Earth, Marine, and Space Sciences Teachers, Postsecondary | 79 | 82 | 3 | 3.80% | 3 | 3 | 2 | 8 | 1 | 3 | 6 |
| 25-1052 | Chemistry Teachers, Postsecondary | 211 | 218 | 7 | 3.32% | 8 | 8 | 4 | 20 | 1 | 3 | 6 |
| 25-1053 | Environmental Science Teachers, Postsecondary | 38 | 39 | 1 | 2.63% | 2 | 2 | 0 | 4 | 1 | 3 | 6 |
| 25-1054 | Physics Teachers, Postsecondary | 108 | 112 | 4 | 3.70% | 4 | 4 | 2 | 10 | 1 | 3 | 6 |
| 25-1061 | Anthropology and Archeology Teachers, Postsecondary | 37 | 38 | 1 | 2.70% | 2 | 2 | 0 | 4 | 1 | 3 | 6 |
| 25-1062 | Area, Ethnic, and Cultural Studies Teachers, Postsecondary | 52 | 54 | 2 | 3.85% | 2 | 2 | 1 | 5 | 1 | 3 | 6 |
| 25-1063 | Economics Teachers, Postsecondary | 48 | 49 | 1 | 2.08% | 2 | 2 | 0 | 4 | 1 | 3 | 6 |
| 25-1065 | Political Science Teachers, Postsecondary | 83 | 86 | 3 | 3.61% | 3 | 3 | 2 | 8 | 1 | 3 | 6 |
| 25-1066 | Psychology Teachers, Postsecondary | 256 | 266 | 10 | 3.91% | 10 | 10 | 5 | 25 | 1 | 3 | 6 |
| 25-1067 | Sociology Teachers, Postsecondary | 85 | 88 | 3 | 3.53% | 3 | 4 | 2 | 9 | 1 | 3 | 6 |
| 25-1069 | Social Sciences Teachers, Postsecondary, All Other | 229 | 232 | 3 | 1.31% | 8 | 9 | 2 | 19 | 1 | 3 | 6 |
| 25-1071 | Health Specialties Teachers, Postsecondary | 1,799 | 1,876 | 77 | 4.28% | 68 | 70 | 38 | 176 | 1 | 2 | 6 |
| 25-1072 | Nursing Instructors and Teachers, Postsecondary | 781 | 815 | 34 | 4.35% | 29 | 30 | 17 | 76 | 1 | 2 | 6 |
| 25-1081 | Education Teachers, Postsecondary | 660 | 678 | 18 | 2.73% | 24 | 26 | 9 | 59 | 1 | 2 | 6 |
| 25-1082 | Library Science Teachers, Postsecondary | 27 | 28 | 1 | 3.70% | 1 | 1 | 0 | 2 | 1 | 3 | 6 |
| 25-1112 | Law Teachers, Postsecondary | 95 | 99 | 4 | 4.21% | 4 | 4 | 2 | 10 | 1 | 2 | 6 |
| 25-1121 | Art, Drama, and Music Teachers, Postsecondary | 613 | 633 | 20 | 3.26% | 23 | 24 | 10 | 57 | 2 | 3 | 6 |
| 25-1122 | Communications Teachers, Postsecondary | 350 | 360 | 10 | 2.86% | 13 | 14 | 5 | 32 | 1 | 3 | 6 |
| 25-1123 | English Language and Literature Teachers, Postsecondary | 803 | 824 | 21 | 2.62% | 30 | 31 | 10 | 71 | 1 | 3 | 6 |
| 25-1124 | Foreign Language and Literature Teachers, Postsecondary | 158 | 163 | 5 | 3.16% | 6 | 6 | 2 | 14 | 1 | 3 | 6 |
| 25-1125 | History Teachers, Postsecondary | 284 | 292 | 8 | 2.82% | 10 | 11 | 4 | 25 | 1 | 3 | 6 |
| 25-1126 | Philosophy and Religion Teachers, Postsecondary | 103 | 108 | 5 | 4.85% | 4 | 4 | 2 | 10 | 1 | 3 | 6 |
| 25-1191 | Graduate Teaching Assistants | 4,080 | 4,192 | 112 | 2.75% | 152 | 158 | 56 | 366 | 3 | 3 | 6 |
| 25-1193 | Recreation and Fitness Studies Teachers, Postsecondary | 169 | 175 | 6 | 3.55% | 6 | 6 | 3 | 15 | 1 | 3 | 6 |
| 25-1194 | Vocational Education Teachers, Postsecondary | 1,113 | 1,126 | 13 | 1.17% | 41 | 42 | 6 | 89 | 3 | 2 | 6 |
| 25-1199 | Postsecondary Teachers, All Other | 995 | 1,023 | 28 | 2.81% | 37 | 38 | 14 | 89 | 1 | 3 | 6 |
| ***25-2000*** | ***Preschool, Primary, Secondary, and Special Education School Teachers*** | ***40,663*** | ***41,089*** | ***426*** | ***1.05%*** | ***1,371*** | ***1,596*** | ***213*** | ***3,180*** |  |  |  |
| 25-2011 | Preschool Teachers, Except Special Education | 3,295 | 3,335 | 40 | 1.21% | 143 | 177 | 20 | 340 | 4 | 3 | 6 |
| 25-2012 | Kindergarten Teachers, Except Special Education | 1,698 | 1,715 | 17 | 1.00% | 74 | 91 | 8 | 173 | 3 | 3 | 6 |
| 25-2021 | Elementary School Teachers, Except Special Education | 12,573 | 12,693 | 120 | 0.95% | 417 | 468 | 60 | 945 | 3 | 3 | 6 |
| 25-2022 | Middle School Teachers, Except Special and Career/Technical Education | 6,410 | 6,474 | 64 | 1.00% | 212 | 238 | 32 | 482 | 3 | 3 | 6 |
| 25-2023 | Career/Technical Education Teachers, Middle School | 94 | 95 | 1 | 1.06% | 3 | 4 | 0 | 7 | 3 | 2 | 6 |
| 25-2031 | Secondary School Teachers, Except Special and Career/Technical Education | 11,103 | 11,217 | 114 | 1.03% | 342 | 416 | 57 | 815 | 3 | 3 | 6 |
| 25-2032 | Career/Technical Education Teachers, Secondary School | 1,488 | 1,507 | 19 | 1.28% | 46 | 56 | 10 | 112 | 3 | 2 | 6 |
| 25-2051 | Special Education Teachers, Preschool | 694 | 711 | 17 | 2.45% | 24 | 26 | 8 | 58 | 3 | 3 | 6 |
| 25-2052 | Special Education Teachers, Kindergarten and Elementary School | 1,217 | 1,231 | 14 | 1.15% | 40 | 44 | 7 | 91 | 3 | 3 | 6 |
| 25-2053 | Special Education Teachers, Middle School | 824 | 831 | 7 | 0.85% | 28 | 30 | 4 | 62 | 3 | 3 | 6 |
| 25-2054 | Special Education Teachers, Secondary School | 1,194 | 1,206 | 12 | 1.01% | 40 | 44 | 6 | 90 | 3 | 3 | 6 |
| 25-2059 | Special Education Teachers, All Other | 73 | 74 | 1 | 1.37% | 2 | 2 | 0 | 4 | 3 | 3 | 6 |
| ***25-3000*** | ***Other Teachers and Instructors*** | ***7,864*** | ***8,222*** | ***358*** | ***4.55%*** | ***490*** | ***376*** | ***179*** | ***1,045*** |  |  |  |
| 25-3021 | Self-Enrichment Education Teachers | 1,068 | 1,104 | 36 | 3.37% | 66 | 51 | 18 | 135 | 7 | 2 | 6 |
| 25-3097 | Teachers and Instructors, All Other, Except Substitute Teachers | 1,093 | 1,113 | 20 | 1.83% | 67 | 52 | 10 | 129 | 3 | 3 | 6 |
| ***25-4000*** | ***Librarians, Curators, and Archivists*** | ***1,979*** | ***2,019*** | ***40*** | ***2.02%*** | ***117*** | ***84*** | ***20*** | ***221*** |  |  |  |
| 25-4011 | Archivists | 61 | 62 | 1 | 1.64% | 2 | 4 | 0 | 6 | 2 | 3 | 6 |
| 25-4012 | Curators | 53 | 56 | 3 | 5.66% | 2 | 3 | 2 | 7 | 2 | 3 | 6 |
| 25-4013 | Museum Technicians and Conservators | 75 | 77 | 2 | 2.67% | 3 | 4 | 1 | 8 | 3 | 3 | 6 |
| 25-4021 | Librarians | 1,365 | 1,388 | 23 | 1.68% | 75 | 52 | 12 | 139 | 2 | 3 | 6 |
| 25-4031 | Library Technicians | 425 | 436 | 11 | 2.59% | 34 | 22 | 6 | 62 | 5 | 3 | 6 |
| ***25-9000*** | ***Other Education, Training, and Library Occupations*** | ***14,126*** | ***14,334*** | ***208*** | ***1.47%*** | ***764*** | ***638*** | ***104*** | ***1,506*** |  |  |  |
| 25-9011 | Audio-Visual and Multimedia Collections Specialists | 89 | 91 | 2 | 2.25% | 4 | 4 | 1 | 9 | 3 | 2 | 6 |
| 25-9021 | Farm and Home Management Advisors | 270 | 276 | 6 | 2.22% | 13 | 11 | 3 | 27 | 2 | 3 | 6 |
| 25-9031 | Instructional Coordinators | 1,977 | 2,016 | 39 | 1.97% | 95 | 82 | 20 | 197 | 2 | 1 | 6 |
| 25-9041 | Teacher Assistants | 11,670 | 11,828 | 158 | 1.35% | 645 | 536 | 79 | 1,260 | 6 | 3 | 6 |
| 25-9099 | Education, Training, and Library Workers, All Other | 120 | 123 | 3 | 2.50% | 6 | 5 | 2 | 13 | 3 | 3 | 6 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |
| **27-0000** | **ARTS, DESIGN, ENTERTAINMENT, SPORTS, AND MEDIA OCCUPATIONS** | **14,957** | **15,278** | **321** | **2.15%** | **599** | **855** | **160** | **1,614** |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |
| ***27-1000*** | ***Art and Design Workers*** | ***5,274*** | ***5,388*** | ***114*** | ***2.16%*** | ***199*** | ***278*** | ***57*** | ***534*** |  |  |  |
| 27-1011 | Art Directors | 273 | 282 | 9 | 3.30% | 14 | 8 | 4 | 26 | 3 | 1 | 6 |
| 27-1014 | Multimedia Artists and Animators | 228 | 233 | 5 | 2.19% | 11 | 6 | 2 | 19 | 3 | 3 | 6 |
| 27-1023 | Floral Designers | 741 | 721 | -20 | -2.70% | 26 | 41 | -10 | 57 | 7 | 3 | 4 |
| 27-1024 | Graphic Designers | 1,753 | 1,797 | 44 | 2.51% | 62 | 100 | 22 | 184 | 3 | 3 | 6 |
| 27-1025 | Interior Designers | 365 | 375 | 10 | 2.74% | 13 | 21 | 5 | 39 | 3 | 3 | 6 |
| ***27-2000*** | ***Entertainers and Performers, Sports and Related Workers*** | ***3,433*** | ***3,545*** | ***112*** | ***3.26%*** | ***178*** | ***229*** | ***56*** | ***463*** |  |  |  |
| 27-2012 | Producers and Directors | 540 | 558 | 18 | 3.33% | 14 | 34 | 9 | 57 | 3 | 2 | 6 |
| 27-2022 | Coaches and Scouts | 1,947 | 2,010 | 63 | 3.24% | 110 | 149 | 32 | 291 | 3 | 3 | 6 |
| 27-2041 | Music Directors and Composers | 527 | 554 | 27 | 5.12% | 31 | 20 | 14 | 65 | 3 | 2 | 6 |
| ***27-3000*** | ***Media and Communication Workers*** | ***4,205*** | ***4,268*** | ***63*** | ***1.50%*** | ***146*** | ***252*** | ***32*** | ***430*** |  |  |  |
| 27-3011 | Radio and Television Announcers | 521 | 513 | -8 | -1.54% | 22 | 27 | -4 | 45 | 3 | 3 | 6 |
| 27-3022 | Reporters and Correspondents | 361 | 342 | -19 | -5.26% | 11 | 23 | -10 | 24 | 3 | 3 | 6 |
| 27-3031 | Public Relations Specialists | 1,230 | 1,267 | 37 | 3.01% | 35 | 84 | 18 | 137 | 3 | 3 | 6 |
| 27-3041 | Editors | 1,109 | 1,122 | 13 | 1.17% | 37 | 70 | 6 | 113 | 3 | 2 | 6 |
| 27-3042 | Technical Writers | 170 | 181 | 11 | 6.47% | 6 | 10 | 6 | 22 | 3 | 2 | 5 |
| 27-3043 | Writers and Authors | 564 | 585 | 21 | 3.72% | 24 | 24 | 10 | 58 | 3 | 3 | 3 |
| 27-3091 | Interpreters and Translators | 188 | 195 | 7 | 3.72% | 8 | 8 | 4 | 20 | 3 | 3 | 6 |
| 27-3099 | Media and Communication Workers, All Other | 26 | 27 | 1 | 3.85% | 1 | 1 | 0 | 2 | 7 | 3 | 5 |
| ***27-4000*** | ***Media and Communication Equipment Workers*** | ***2,045*** | ***2,077*** | ***32*** | ***1.56%*** | ***76*** | ***96*** | ***16*** | ***188*** |  |  |  |
| 27-4011 | Audio and Video Equipment Technicians | 378 | 400 | 22 | 5.82% | 11 | 24 | 11 | 46 | 5 | 3 | 5 |
| 27-4012 | Broadcast Technicians | 242 | 242 | 0 | 0.00% | 7 | 15 | 0 | 22 | 4 | 3 | 5 |
| 27-4014 | Sound Engineering Technicians | 40 | 42 | 2 | 5.00% | 1 | 2 | 1 | 4 | 5 | 3 | 5 |
| 27-4021 | Photographers | 1,179 | 1,185 | 6 | 0.51% | 50 | 42 | 3 | 95 | 7 | 3 | 3 |
| 27-4099 | Media and Communication Equipment Workers, All Other | 24 | 23 | -1 | -4.17% | 0 | 2 | 0 | 2 | 7 | 3 | 5 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |
| **29-0000** | **HEALTHCARE PRACTITIONERS AND TECHNICAL OCCUPATIONS** | **85,874** | **88,457** | **2,583** | **3.01%** | **2,370** | **2,357** | **1,292** | **6,019** |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |
| ***29-1000*** | ***Health Diagnosing and Treating Practitioners*** | ***48,332*** | ***49,976*** | ***1,644*** | ***3.40%*** | ***1,191*** | ***1,024*** | ***822*** | ***3,037*** |  |  |  |
| 29-1011 | Chiropractors | 504 | 523 | 19 | 3.77% | 8 | 4 | 10 | 22 | 1 | 3 | 6 |
| 29-1021 | Dentists, General | 944 | 984 | 40 | 4.24% | 18 | 7 | 20 | 45 | 1 | 3 | 6 |
| 29-1029 | Dentists, All Other Specialists | 42 | 43 | 1 | 2.38% | 1 | 0 | 0 | 1 | 1 | 3 | 2 |
| 29-1031 | Dietitians and Nutritionists | 519 | 529 | 10 | 1.93% | 16 | 15 | 5 | 36 | 3 | 3 | 2 |
| 29-1041 | Optometrists | 334 | 349 | 15 | 4.49% | 6 | 4 | 8 | 18 | 1 | 3 | 6 |
| 29-1051 | Pharmacists | 3,725 | 3,832 | 107 | 2.87% | 87 | 72 | 54 | 213 | 1 | 3 | 6 |
| 29-1062 | Family and General Practitioners | 1,440 | 1,485 | 45 | 3.13% | 22 | 16 | 22 | 60 | 1 | 3 | 2 |
| 29-1063 | Internists, General | 243 | 248 | 5 | 2.06% | 4 | 2 | 2 | 8 | 1 | 3 | 2 |
| 29-1064 | Obstetricians and Gynecologists | 182 | 187 | 5 | 2.75% | 2 | 2 | 2 | 6 | 1 | 3 | 2 |
| 29-1065 | Pediatricians, General | 136 | 139 | 3 | 2.21% | 2 | 2 | 2 | 6 | 1 | 3 | 2 |
| 29-1066 | Psychiatrists | 262 | 271 | 9 | 3.44% | 4 | 3 | 4 | 11 | 1 | 3 | 2 |
| 29-1067 | Surgeons | 261 | 270 | 9 | 3.45% | 4 | 3 | 4 | 11 | 1 | 3 | 2 |
| 29-1069 | Physicians and Surgeons, All Other | 2,993 | 3,046 | 53 | 1.77% | 44 | 34 | 26 | 104 | 1 | 3 | 2 |
| 29-1071 | Physician Assistants | 515 | 549 | 34 | 6.60% | 9 | 19 | 17 | 45 | 2 | 3 | 6 |
| 29-1081 | Podiatrists | 61 | 62 | 1 | 1.64% | 2 | 2 | 0 | 4 | 1 | 3 | 2 |
| 29-1122 | Occupational Therapists | 1,263 | 1,343 | 80 | 6.33% | 27 | 36 | 40 | 103 | 2 | 3 | 6 |
| 29-1123 | Physical Therapists | 2,198 | 2,340 | 142 | 6.46% | 44 | 47 | 71 | 162 | 1 | 3 | 6 |
| 29-1124 | Radiation Therapists | 316 | 326 | 10 | 3.16% | 8 | 7 | 5 | 20 | 4 | 3 | 6 |
| 29-1125 | Recreational Therapists | 66 | 65 | -1 | -1.52% | 2 | 2 | 0 | 4 | 3 | 3 | 6 |
| 29-1126 | Respiratory Therapists | 1,012 | 1,061 | 49 | 4.84% | 24 | 24 | 24 | 72 | 4 | 3 | 6 |
| 29-1127 | Speech-Language Pathologists | 2,108 | 2,220 | 112 | 5.31% | 39 | 68 | 56 | 163 | 2 | 3 | 2 |
| 29-1128 | Exercise Physiologists | 79 | 82 | 3 | 3.80% | 2 | 2 | 2 | 6 | 3 | 3 | 6 |
| 29-1131 | Veterinarians | 693 | 728 | 35 | 5.05% | 14 | 12 | 18 | 44 | 1 | 3 | 6 |
| 29-1141 | Registered Nurses | 25,612 | 26,305 | 693 | 2.71% | 743 | 564 | 346 | 1,653 | 3 | 3 | 6 |
| 29-1151 | Nurse Anesthetists | 369 | 382 | 13 | 3.52% | 5 | 12 | 6 | 23 | 2 | 3 | 6 |
| 29-1171 | Nurse Practitioners | 1,899 | 2,033 | 134 | 7.06% | 38 | 56 | 67 | 161 | 2 | 3 | 6 |
| 29-1199 | Health Diagnosing and Treating Practitioners, All Other | 245 | 250 | 5 | 2.04% | 10 | 2 | 2 | 14 | 2 | 3 | 6 |
| ***29-2000*** | ***Health Technologists and Technicians*** | ***35,998*** | ***36,900*** | ***902*** | ***2.51%*** | ***1,144*** | ***1,290*** | ***451*** | ***2,885*** |  |  |  |
| 29-2010 | Clinical Laboratory Technologists and Technicians | 375 | 377 | 2 | 0.53% | 12 | 12 | 1 | 25 | 4 | 3 | 6 |
| 29-2011 | Medical and Clinical Laboratory Technologists | 935 | 948 | 13 | 1.39% | 28 | 28 | 6 | 62 | 3 | 3 | 6 |
| 29-2012 | Medical and Clinical Laboratory Technicians | 1,031 | 1,048 | 17 | 1.65% | 32 | 32 | 8 | 72 | 4 | 3 | 6 |
| 29-2021 | Dental Hygienists | 1,434 | 1,488 | 54 | 3.77% | 53 | 33 | 27 | 113 | 4 | 3 | 6 |
| 29-2031 | Cardiovascular Technologists and Technicians | 635 | 646 | 11 | 1.73% | 16 | 16 | 6 | 38 | 4 | 3 | 6 |
| 29-2032 | Diagnostic Medical Sonographers | 578 | 601 | 23 | 3.98% | 15 | 14 | 12 | 41 | 4 | 3 | 6 |
| 29-2033 | Nuclear Medicine Technologists | 180 | 183 | 3 | 1.67% | 4 | 4 | 2 | 10 | 4 | 3 | 6 |
| 29-2034 | Radiologic Technologists | 2,519 | 2,573 | 54 | 2.14% | 66 | 64 | 27 | 157 | 4 | 3 | 6 |
| 29-2035 | Magnetic Resonance Imaging Technologists | 374 | 383 | 9 | 2.41% | 10 | 10 | 4 | 24 | 4 | 2 | 6 |
| 29-2041 | Emergency Medical Technicians and Paramedics | 2,421 | 2,491 | 70 | 2.89% | 43 | 101 | 35 | 179 | 5 | 3 | 6 |
| 29-2051 | Dietetic Technicians | 159 | 161 | 2 | 1.26% | 5 | 7 | 1 | 13 | 4 | 3 | 6 |
| 29-2052 | Pharmacy Technicians | 6,161 | 6,428 | 267 | 4.33% | 204 | 279 | 134 | 617 | 7 | 3 | 4 |
| 29-2053 | Psychiatric Technicians | 806 | 821 | 15 | 1.86% | 26 | 36 | 8 | 70 | 5 | 2 | 5 |
| 29-2054 | Respiratory Therapy Technicians | 289 | 257 | -32 | -11.07% | 9 | 12 | -16 | 5 | 4 | 3 | 6 |
| 29-2055 | Surgical Technologists | 1,150 | 1,171 | 21 | 1.83% | 38 | 52 | 10 | 100 | 5 | 3 | 6 |
| 29-2056 | Veterinary Technologists and Technicians | 421 | 445 | 24 | 5.70% | 14 | 19 | 12 | 45 | 4 | 3 | 6 |
| 29-2057 | Ophthalmic Medical Technicians | 235 | 245 | 10 | 4.26% | 8 | 10 | 5 | 23 | 5 | 3 | 6 |
| 29-2061 | Licensed Practical and Licensed Vocational Nurses | 12,687 | 12,922 | 235 | 1.85% | 452 | 445 | 118 | 1,015 | 5 | 3 | 6 |
| 29-2071 | Medical Records and Health Information Technicians | 1,924 | 1,979 | 55 | 2.86% | 58 | 58 | 28 | 144 | 5 | 3 | 6 |
| 29-2081 | Opticians, Dispensing | 544 | 564 | 20 | 3.68% | 18 | 20 | 10 | 48 | 7 | 3 | 3 |
| 29-2099 | Health Technologists and Technicians, All Other | 1,030 | 1,055 | 25 | 2.43% | 29 | 34 | 12 | 75 | 5 | 3 | 6 |
| ***29-9000*** | ***Other Healthcare Practitioners and Technical Occupations*** | ***1,544*** | ***1,581*** | ***37*** | ***2.40%*** | ***34*** | ***43*** | ***18*** | ***95*** |  |  |  |
| 29-9011 | Occupational Health and Safety Specialists | 626 | 637 | 11 | 1.76% | 14 | 18 | 6 | 38 | 3 | 3 | 6 |
| 29-9012 | Occupational Health and Safety Technicians | 190 | 202 | 12 | 6.32% | 4 | 6 | 6 | 16 | 7 | 3 | 4 |
| 29-9099 | Healthcare Practitioners and Technical Workers, All Other | 558 | 563 | 5 | 0.90% | 12 | 16 | 2 | 30 | 5 | 3 | 6 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |
| **31-0000** | **HEALTHCARE SUPPORT OCCUPATIONS** | **39,155** | **40,624** | **1,469** | **3.75%** | **2,296** | **2,166** | **734** | **5,196** |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |
| ***31-1000*** | ***Nursing, Psychiatric, and Home Health Aides*** | ***27,284*** | ***28,218*** | ***934*** | ***3.42%*** | ***1,686*** | ***1,402*** | ***467*** | ***3,555*** |  |  |  |
| 31-1011 | Home Health Aides | 7,839 | 8,253 | 414 | 5.28% | 489 | 406 | 207 | 1,102 | 7 | 3 | 5 |
| 31-1013 | Psychiatric Aides | 370 | 378 | 8 | 2.16% | 22 | 19 | 4 | 45 | 7 | 3 | 5 |
| 31-1014 | Nursing Assistants | 18,698 | 19,200 | 502 | 2.68% | 1,151 | 958 | 251 | 2,360 | 5 | 3 | 6 |
| 31-1015 | Orderlies | 377 | 387 | 10 | 2.65% | 23 | 20 | 5 | 48 | 7 | 3 | 5 |
| ***31-2000*** | ***Occupational Therapy and Physical Therapist Assistants and Aides*** | ***1,625*** | ***1,723*** | ***98*** | ***6.03%*** | ***75*** | ***123*** | ***49*** | ***247*** |  |  |  |
| 31-2021 | Physical Therapist Assistants | 1,071 | 1,133 | 62 | 5.79% | 48 | 81 | 31 | 160 | 4 | 3 | 6 |
| 31-2022 | Physical Therapist Aides | 268 | 286 | 18 | 6.72% | 12 | 20 | 9 | 41 | 7 | 3 | 5 |
| ***31-9000*** | ***Other Healthcare Support Occupations*** | ***10,246*** | ***10,683*** | ***437*** | ***4.27%*** | ***535*** | ***640*** | ***218*** | ***1,393*** |  |  |  |
| 31-9011 | Massage Therapists | 457 | 484 | 27 | 5.91% | 31 | 17 | 14 | 62 | 5 | 3 | 6 |
| 31-9091 | Dental Assistants | 2,765 | 2,868 | 103 | 3.73% | 144 | 161 | 52 | 357 | 5 | 3 | 6 |
| 31-9092 | Medical Assistants | 3,372 | 3,558 | 186 | 5.52% | 152 | 213 | 93 | 458 | 5 | 3 | 6 |
| 31-9093 | Medical Equipment Preparers | 230 | 234 | 4 | 1.74% | 14 | 14 | 2 | 30 | 7 | 3 | 4 |
| 31-9094 | Medical Transcriptionists | 519 | 512 | -7 | -1.35% | 34 | 26 | -4 | 56 | 5 | 3 | 6 |
| 31-9095 | Pharmacy Aides | 305 | 315 | 10 | 3.28% | 20 | 21 | 5 | 46 | 7 | 3 | 5 |
| 31-9096 | Veterinary Assistants and Laboratory Animal Caretakers | 926 | 985 | 59 | 6.37% | 55 | 90 | 30 | 175 | 7 | 3 | 5 |
| 31-9097 | Phlebotomists | 1,127 | 1,178 | 51 | 4.53% | 50 | 66 | 26 | 142 | 5 | 3 | 6 |
| 31-9099 | Healthcare Support Workers, All Other | 545 | 549 | 4 | 0.73% | 34 | 32 | 2 | 68 | 7 | 3 | 6 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |
| **33-0000** | **PROTECTIVE SERVICE OCCUPATIONS** | **27,302** | **27,810** | **508** | **1.86%** | **1,178** | **1,400** | **254** | **2,832** |  |  |  |
| ***33-1000*** | ***Supervisors of Protective Service Workers*** | ***3,573*** | ***3,654*** | ***81*** | ***2.27%*** | ***120*** | ***126*** | ***40*** | ***286*** |  |  |  |
| 33-1011 | First-Line Supervisors of Correctional Officers | 404 | 403 | -1 | -0.25% | 12 | 14 | 0 | 26 | 7 | 2 | 6 |
| 33-1012 | First-Line Supervisors of Police and Detectives | 1,620 | 1,664 | 44 | 2.72% | 46 | 50 | 22 | 118 | 7 | 2 | 4 |
| 33-1021 | First-Line Supervisors of Fire Fighting and Prevention Workers | 861 | 885 | 24 | 2.79% | 30 | 26 | 12 | 68 | 5 | 2 | 4 |
| 33-1099 | First-Line Supervisors of Protective Service Workers, All Other | 688 | 702 | 14 | 2.03% | 32 | 34 | 7 | 73 | 7 | 2 | 6 |
| ***33-2000*** | ***Fire Fighting and Prevention Workers*** | ***2,581*** | ***2,659*** | ***78*** | ***3.02%*** | ***65*** | ***114*** | ***39*** | ***218*** |  |  |  |
| 33-2011 | Firefighters | 2,345 | 2,412 | 67 | 2.86% | 54 | 101 | 34 | 189 | 5 | 3 | 3 |
| 33-2021 | Fire Inspectors and Investigators | 40 | 41 | 1 | 2.50% | 2 | 2 | 0 | 4 | 5 | 1 | 4 |
| 33-2022 | Forest Fire Inspectors and Prevention Specialists | 196 | 206 | 10 | 5.10% | 10 | 10 | 5 | 25 | 7 | 2 | 4 |
| ***33-3000*** | ***Law Enforcement Workers*** | ***12,480*** | ***12,606*** | ***126*** | ***1.01%*** | ***375*** | ***520*** | ***63*** | ***958*** |  |  |  |
| 33-3011 | Bailiffs | 101 | 103 | 2 | 1.98% | 4 | 4 | 1 | 9 | 7 | 3 | 4 |
| 33-3012 | Correctional Officers and Jailers | 5,603 | 5,552 | -51 | -0.91% | 197 | 250 | -26 | 421 | 7 | 3 | 4 |
| 33-3021 | Detectives and Criminal Investigators | 477 | 485 | 8 | 1.68% | 13 | 17 | 4 | 34 | 7 | 2 | 4 |
| 33-3041 | Parking Enforcement Workers | 34 | 32 | -2 | -5.88% | 2 | 1 | -1 | 2 | 7 | 3 | 5 |
| 33-3051 | Police and Sheriff's Patrol Officers | 6,040 | 6,208 | 168 | 2.78% | 148 | 238 | 84 | 470 | 7 | 3 | 4 |
| ***33-9000*** | ***Other Protective Service Workers*** | ***8,668*** | ***8,891*** | ***223*** | ***2.57%*** | ***618*** | ***642*** | ***112*** | ***1,372*** |  |  |  |
| 33-9011 | Animal Control Workers | 179 | 184 | 5 | 2.79% | 8 | 10 | 2 | 20 | 7 | 3 | 4 |
| 33-9021 | Private Detectives and Investigators | 291 | 302 | 11 | 3.78% | 15 | 13 | 6 | 34 | 7 | 2 | 4 |
| 33-9032 | Security Guards | 6,748 | 6,932 | 184 | 2.73% | 406 | 482 | 92 | 980 | 7 | 3 | 5 |
| 33-9092 | Lifeguards, Ski Patrol, and Other Recreational Protective Service Workers | 495 | 514 | 19 | 3.84% | 70 | 53 | 10 | 133 | 8 | 3 | 5 |
| 33-9093 | Transportation Security Screeners | 156 | 153 | -3 | -1.92% | 8 | 6 | -2 | 12 | 7 | 3 | 5 |
| 33-9099 | Protective Service Workers, All Other | 676 | 678 | 2 | 0.30% | 94 | 72 | 1 | 167 | 7 | 3 | 5 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |
| **35-0000** | **FOOD PREPARATION AND SERVING RELATED OCCUPATIONS** | **104,911** | **108,190** | **3,279** | **3.13%** | **7,840** | **9,916** | **1,640** | **19,396** |  |  |  |
| ***35-1000*** | ***Supervisors of Food Preparation and Serving Workers*** | ***11,709*** | ***12,043*** | ***334*** | ***2.85%*** | ***523*** | ***1,130*** | ***167*** | ***1,820*** |  |  |  |
| 35-1011 | Chefs and Head Cooks | 696 | 718 | 22 | 3.16% | 22 | 64 | 11 | 97 | 7 | 1 | 6 |
| 35-1012 | First-Line Supervisors of Food Preparation and Serving Workers | 11,013 | 11,325 | 312 | 2.83% | 500 | 1,066 | 156 | 1,722 | 7 | 2 | 6 |
| ***35-2000*** | ***Cooks and Food Preparation Workers*** | ***28,056*** | ***28,677*** | ***621*** | ***2.21%*** | ***1,752*** | ***2,297*** | ***310*** | ***4,359*** |  |  |  |
| 35-2011 | Cooks, Fast Food | 5,590 | 5,599 | 9 | 0.16% | 328 | 448 | 4 | 780 | 8 | 3 | 5 |
| 35-2012 | Cooks, Institution and Cafeteria | 7,459 | 7,596 | 137 | 1.84% | 441 | 602 | 68 | 1,111 | 8 | 3 | 5 |
| 35-2014 | Cooks, Restaurant | 10,134 | 10,493 | 359 | 3.54% | 604 | 825 | 180 | 1,609 | 8 | 2 | 4 |
| 35-2015 | Cooks, Short Order | 466 | 471 | 5 | 1.07% | 28 | 38 | 2 | 68 | 8 | 3 | 5 |
| 35-2021 | Food Preparation Workers | 4,137 | 4,238 | 101 | 2.44% | 334 | 363 | 50 | 747 | 8 | 3 | 5 |
| ***35-3000*** | ***Food and Beverage Serving Workers*** | ***57,294*** | ***59,420*** | ***2,126*** | ***3.71%*** | ***4,852*** | ***5,790*** | ***1,063*** | ***11,705*** |  |  |  |
| 35-3011 | Bartenders | 1,879 | 1,915 | 36 | 1.92% | 92 | 218 | 18 | 328 | 8 | 3 | 5 |
| 35-3021 | Combined Food Preparation and Serving Workers, Including Fast Food | 34,473 | 36,026 | 1,553 | 4.50% | 3,122 | 3,264 | 776 | 7,162 | 8 | 3 | 5 |
| 35-3022 | Counter Attendants, Cafeteria, Food Concession, and Coffee Shop | 1,432 | 1,472 | 40 | 2.79% | 174 | 137 | 20 | 331 | 8 | 3 | 5 |
| 35-3031 | Waiters and Waitresses | 17,920 | 18,380 | 460 | 2.57% | 1,344 | 2,058 | 230 | 3,632 | 8 | 3 | 5 |
| 35-3041 | Food Servers, Nonrestaurant | 1,590 | 1,627 | 37 | 2.33% | 121 | 113 | 18 | 252 | 8 | 3 | 5 |
| ***35-9000*** | ***Other Food Preparation and Serving Related Workers*** | ***7,852*** | ***8,050*** | ***198*** | ***2.52%*** | ***714*** | ***698*** | ***99*** | ***1,511*** |  |  |  |
| 35-9021 | Dishwashers | 3,410 | 3,488 | 78 | 2.29% | 255 | 275 | 39 | 569 | 8 | 3 | 5 |
| 35-9031 | Hosts and Hostesses, Restaurant, Lounge, and Coffee Shop | 2,184 | 2,239 | 55 | 2.52% | 254 | 242 | 28 | 524 | 8 | 3 | 5 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |
| **37-0000** | **BUILDING AND GROUNDS CLEANING AND MAINTENANCE OCCUPATIONS** | **44,898** | **46,398** | **1,500** | **3.34%** | **2,766** | **2,896** | **750** | **6,412** |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |
| ***37-1000*** | ***Supervisors of Building and Grounds Cleaning and Maintenance Workers*** | ***4,661*** | ***4,828*** | ***167*** | ***3.58%*** | ***200*** | ***286*** | ***84*** | ***570*** |  |  |  |
| 37-1011 | First-Line Supervisors of Housekeeping and Janitorial Workers | 2,551 | 2,628 | 77 | 3.02% | 131 | 156 | 38 | 325 | 7 | 2 | 6 |
| 37-1012 | First-Line Supervisors of Landscaping, Lawn Service, and Groundskeeping Workers | 2,110 | 2,200 | 90 | 4.27% | 70 | 130 | 45 | 245 | 7 | 2 | 6 |
| ***37-2000*** | ***Building Cleaning and Pest Control Workers*** | ***31,539*** | ***32,454*** | ***915*** | ***2.90%*** | ***2,150*** | ***1,974*** | ***458*** | ***4,582*** |  |  |  |
| 37-2011 | Janitors and Cleaners, Except Maids and Housekeeping Cleaners | 19,076 | 19,766 | 690 | 3.62% | 1,264 | 1,222 | 345 | 2,831 | 8 | 3 | 5 |
| 37-2012 | Maids and Housekeeping Cleaners | 11,000 | 11,146 | 146 | 1.33% | 820 | 619 | 73 | 1,512 | 8 | 3 | 5 |
| ***37-3000*** | ***Grounds Maintenance Workers*** | ***8,698*** | ***9,116*** | ***418*** | ***4.81%*** | ***416*** | ***636*** | ***209*** | ***1,261*** |  |  |  |
| 37-3011 | Landscaping and Groundskeeping Workers | 7,680 | 8,059 | 379 | 4.93% | 368 | 562 | 190 | 1,120 | 8 | 3 | 5 |
| 37-3012 | Pesticide Handlers, Sprayers, and Applicators, Vegetation | 306 | 323 | 17 | 5.56% | 14 | 22 | 8 | 44 | 7 | 3 | 4 |
| 37-3013 | Tree Trimmers and Pruners | 497 | 512 | 15 | 3.02% | 24 | 36 | 8 | 68 | 7 | 3 | 5 |
| 37-3019 | Grounds Maintenance Workers, All Other | 215 | 222 | 7 | 3.26% | 10 | 16 | 4 | 30 | 8 | 3 | 5 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |
| **39-0000** | **PERSONAL CARE AND SERVICE OCCUPATIONS** | **47,300** | **49,199** | **1,899** | **4.01%** | **3,674** | **3,254** | **950** | **7,878** |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |
| ***39-1000*** | ***Supervisors of Personal Care and Service Workers*** | ***1,996*** | ***2,073*** | ***77*** | ***3.86%*** | ***98*** | ***96*** | ***38*** | ***232*** |  |  |  |
| 39-1021 | First-Line Supervisors of Personal Service Workers | 1,916 | 1,991 | 75 | 3.91% | 94 | 88 | 38 | 220 | 7 | 2 | 6 |
| ***39-2000*** | ***Animal Care and Service Workers*** | ***4,915*** | ***5,071*** | ***156*** | ***3.17%*** | ***312*** | ***376*** | ***78*** | ***766*** |  |  |  |
| 39-2011 | Animal Trainers | 1,401 | 1,449 | 48 | 3.43% | 68 | 89 | 24 | 181 | 7 | 3 | 4 |
| 39-2021 | Nonfarm Animal Caretakers | 3,514 | 3,622 | 108 | 3.07% | 244 | 288 | 54 | 586 | 7 | 3 | 5 |
| ***39-3000*** | ***Entertainment Attendants and Related Workers*** | ***2,391*** | ***2,508*** | ***117*** | ***4.89%*** | ***263*** | ***280*** | ***58*** | ***601*** |  |  |  |
| 39-3021 | Motion Picture Projectionists | 57 | 56 | -1 | -1.75% | 2 | 4 | 0 | 6 | 8 | 3 | 5 |
| 39-3031 | Ushers, Lobby Attendants, and Ticket Takers | 570 | 580 | 10 | 1.75% | 76 | 64 | 5 | 145 | 8 | 3 | 5 |
| 39-3091 | Amusement and Recreation Attendants | 1,524 | 1,624 | 100 | 6.56% | 166 | 187 | 50 | 403 | 8 | 3 | 5 |
| 39-3093 | Locker Room, Coatroom, and Dressing Room Attendants | 84 | 88 | 4 | 4.76% | 9 | 10 | 2 | 21 | 7 | 3 | 5 |
| ***39-4000*** | ***Funeral Service Workers*** | ***818*** | ***834*** | ***16*** | ***1.96%*** | ***57*** | ***55*** | ***8*** | ***120*** |  |  |  |
| 39-4011 | Embalmers | 124 | 126 | 2 | 1.61% | 11 | 8 | 1 | 20 | 4 | 3 | 3 |
| 39-4021 | Funeral Attendants | 285 | 291 | 6 | 2.11% | 26 | 18 | 3 | 47 | 7 | 3 | 5 |
| 39-4031 | Morticians, Undertakers, and Funeral Directors | 409 | 417 | 8 | 1.96% | 20 | 30 | 4 | 54 | 4 | 3 | 3 |
| ***39-5000*** | ***Personal Appearance Workers*** | ***3,013*** | ***3,097*** | ***84*** | ***2.79%*** | ***200*** | ***152*** | ***42*** | ***394*** |  |  |  |
| 39-5012 | Hairdressers, Hairstylists, and Cosmetologists | 2,586 | 2,658 | 72 | 2.78% | 175 | 131 | 36 | 342 | 5 | 3 | 6 |
| 39-5092 | Manicurists and Pedicurists | 194 | 199 | 5 | 2.58% | 12 | 10 | 2 | 24 | 5 | 3 | 6 |
| 39-5094 | Skincare Specialists | 147 | 150 | 3 | 2.04% | 9 | 8 | 2 | 19 | 5 | 3 | 6 |
| ***39-6000*** | ***Baggage Porters, Bellhops, and Concierges*** | ***139*** | ***141*** | ***2*** | ***1.44%*** | ***6*** | ***12*** | ***1*** | ***19*** |  |  |  |
| 39-6011 | Baggage Porters and Bellhops | 116 | 118 | 2 | 1.72% | 6 | 10 | 1 | 17 | 7 | 3 | 5 |
| 39-6012 | Concierges | 23 | 23 | 0 | 0.00% | 1 | 2 | 0 | 3 | 7 | 3 | 4 |
| ***39-7000*** | ***Tour and Travel Guides*** | ***213*** | ***216*** | ***3*** | ***1.41%*** | ***18*** | ***18*** | ***2*** | ***38*** |  |  |  |
| 39-7010 | Tour and Travel Guides | 110 | 111 | 1 | 0.91% | 10 | 9 | 0 | 19 | 7 | 3 | 4 |
| 39-7011 | Tour Guides and Escorts | 103 | 105 | 2 | 1.94% | 9 | 8 | 1 | 18 | 7 | 3 | 4 |
| ***39-9000*** | ***Other Personal Care and Service Workers*** | ***33,815*** | ***35,259*** | ***1,444*** | ***4.27%*** | ***2,719*** | ***2,264*** | ***722*** | ***5,705*** |  |  |  |
| 39-9011 | Childcare Workers | 12,769 | 13,016 | 247 | 1.93% | 1,052 | 798 | 124 | 1,974 | 7 | 3 | 5 |
| 39-9021 | Personal Care Aides | 16,820 | 17,855 | 1,035 | 6.15% | 1,384 | 1,042 | 518 | 2,944 | 7 | 3 | 5 |
| 39-9031 | Fitness Trainers and Aerobics Instructors | 1,076 | 1,122 | 46 | 4.28% | 72 | 110 | 23 | 205 | 7 | 3 | 5 |
| 39-9032 | Recreation Workers | 1,925 | 2,002 | 77 | 4.00% | 128 | 196 | 38 | 362 | 7 | 3 | 5 |
| 39-9041 | Residential Advisors | 891 | 918 | 27 | 3.03% | 60 | 90 | 14 | 164 | 7 | 3 | 5 |
| 39-9099 | Personal Care and Service Workers, All Other | 334 | 346 | 12 | 3.59% | 22 | 26 | 6 | 54 | 7 | 3 | 5 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |
| **41-0000** | **SALES AND RELATED OCCUPATIONS** | **142,104** | **143,583** | **1,479** | **1.04%** | **8,684** | **11,074** | **740** | **20,498** |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |
| ***41-1000*** | ***Supervisors of Sales Workers*** | ***22,382*** | ***22,647*** | ***265*** | ***1.18%*** | ***817*** | ***1,470*** | ***132*** | ***2,419*** |  |  |  |
| 41-1011 | First-Line Supervisors of Retail Sales Workers | 18,539 | 18,702 | 163 | 0.88% | 688 | 1,253 | 82 | 2,023 | 7 | 2 | 6 |
| 41-1012 | First-Line Supervisors of Non-Retail Sales Workers | 3,843 | 3,945 | 102 | 2.65% | 130 | 217 | 51 | 398 | 7 | 2 | 6 |
| ***41-2000*** | ***Retail Sales Workers*** | ***85,686*** | ***85,837*** | ***151*** | ***0.18%*** | ***6,468*** | ***7,246*** | ***76*** | ***13,790*** |  |  |  |
| 41-2011 | Cashiers | 38,022 | 37,649 | -373 | -0.98% | 3,552 | 3,467 | -186 | 6,833 | 8 | 3 | 5 |
| 41-2021 | Counter and Rental Clerks | 3,910 | 4,012 | 102 | 2.61% | 208 | 290 | 51 | 549 | 8 | 3 | 5 |
| 41-2022 | Parts Salespersons | 3,779 | 3,873 | 94 | 2.49% | 166 | 302 | 47 | 515 | 8 | 3 | 4 |
| 41-2031 | Retail Salespersons | 39,975 | 40,303 | 328 | 0.82% | 2,541 | 3,186 | 164 | 5,891 | 8 | 3 | 5 |
| ***41-3000*** | ***Sales Representatives, Services*** | ***11,348*** | ***11,724*** | ***376*** | ***3.31%*** | ***411*** | ***817*** | ***188*** | ***1,416*** |  |  |  |
| 41-3011 | Advertising Sales Agents | 1,149 | 1,144 | -5 | -0.44% | 43 | 99 | -2 | 140 | 7 | 3 | 4 |
| 41-3021 | Insurance Sales Agents | 4,542 | 4,769 | 227 | 5.00% | 189 | 250 | 114 | 553 | 7 | 3 | 4 |
| 41-3031 | Securities, Commodities, and Financial Services Sales Agents | 1,136 | 1,153 | 17 | 1.50% | 30 | 76 | 8 | 114 | 3 | 3 | 4 |
| 41-3041 | Travel Agents | 170 | 163 | -7 | -4.12% | 9 | 10 | -4 | 15 | 7 | 3 | 4 |
| 41-3099 | Sales Representatives, Services, All Other | 4,351 | 4,495 | 144 | 3.31% | 140 | 382 | 72 | 594 | 7 | 3 | 4 |
| ***41-4000*** | ***Sales Representatives, Wholesale and Manufacturing*** | ***14,944*** | ***15,410*** | ***466*** | ***3.12%*** | ***501*** | ***1,016*** | ***233*** | ***1,750*** |  |  |  |
| 41-4011 | Sales Representatives, Wholesale and Manufacturing, Technical and Scientific Products | 2,364 | 2,444 | 80 | 3.38% | 80 | 161 | 40 | 281 | 3 | 3 | 4 |
| 41-4012 | Sales Representatives, Wholesale and Manufacturing, Except Technical and Scientific Products | 12,580 | 12,966 | 386 | 3.07% | 422 | 856 | 193 | 1,471 | 7 | 3 | 4 |
| ***41-9000*** | ***Other Sales and Related Workers*** | ***7,744*** | ***7,965*** | ***221*** | ***2.85%*** | ***486*** | ***526*** | ***110*** | ***1,122*** |  |  |  |
| 41-9021 | Real Estate Brokers | 337 | 350 | 13 | 3.86% | 18 | 14 | 6 | 38 | 7 | 2 | 6 |
| 41-9022 | Real Estate Sales Agents | 1,847 | 1,915 | 68 | 3.68% | 96 | 74 | 34 | 204 | 7 | 3 | 4 |
| 41-9031 | Sales Engineers | 140 | 141 | 1 | 0.71% | 4 | 11 | 0 | 15 | 3 | 3 | 4 |
| 41-9041 | Telemarketers | 2,806 | 2,858 | 52 | 1.85% | 169 | 267 | 26 | 462 | 8 | 3 | 5 |
| 41-9091 | Door-to-Door Sales Workers, News and Street Vendors, and Related Workers | 868 | 876 | 8 | 0.92% | 58 | 32 | 4 | 94 | 8 | 3 | 5 |
| 41-9099 | Sales and Related Workers, All Other | 778 | 795 | 17 | 2.19% | 42 | 60 | 8 | 110 | 7 | 3 | 6 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |
| **43-0000** | **OFFICE AND ADMINISTRATIVE SUPPORT OCCUPATIONS** | **182,523** | **185,905** | **3,382** | **1.85%** | **9,436** | **10,876** | **1,691** | **22,003** |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |
| ***43-1000*** | ***Supervisors of Office and Administrative Support Workers*** | ***15,098*** | ***15,426*** | ***328*** | ***2.17%*** | ***592*** | ***881*** | ***164*** | ***1,637*** |  |  |  |
| 43-1011 | First-Line Supervisors of Office and Administrative Support Workers | 15,098 | 15,426 | 328 | 2.17% | 592 | 881 | 164 | 1,637 | 7 | 2 | 6 |
| ***43-2000*** | ***Communications Equipment Operators*** | ***706*** | ***691*** | ***-15*** | ***-2.12%*** | ***44*** | ***47*** | ***-8*** | ***83*** |  |  |  |
| 43-2011 | Switchboard Operators, Including Answering Service | 680 | 666 | -14 | -2.06% | 42 | 45 | -7 | 80 | 7 | 3 | 5 |
| ***43-3000*** | ***Financial Clerks*** | ***25,536*** | ***25,993*** | ***457*** | ***1.79%*** | ***1,398*** | ***1,352*** | ***228*** | ***2,978*** |  |  |  |
| 43-3011 | Bill and Account Collectors | 2,514 | 2,522 | 8 | 0.32% | 94 | 166 | 4 | 264 | 7 | 3 | 4 |
| 43-3021 | Billing and Posting Clerks | 4,499 | 4,665 | 166 | 3.69% | 196 | 252 | 83 | 531 | 7 | 3 | 4 |
| 43-3031 | Bookkeeping, Accounting, and Auditing Clerks | 15,921 | 16,169 | 248 | 1.56% | 994 | 771 | 124 | 1,889 | 6 | 3 | 4 |
| 43-3051 | Payroll and Timekeeping Clerks | 1,273 | 1,297 | 24 | 1.89% | 54 | 72 | 12 | 138 | 7 | 3 | 4 |
| 43-3061 | Procurement Clerks | 736 | 738 | 2 | 0.27% | 31 | 48 | 1 | 80 | 7 | 3 | 4 |
| 43-3071 | Tellers | 271 | 268 | -3 | -1.11% | 14 | 18 | -2 | 30 | 7 | 3 | 5 |
| ***43-4000*** | ***Information and Record Clerks*** | ***40,667*** | ***41,847*** | ***1,180*** | ***2.90%*** | ***2,142*** | ***2,857*** | ***590*** | ***5,589*** |  |  |  |
| 43-4011 | Brokerage Clerks | 118 | 120 | 2 | 1.69% | 3 | 9 | 1 | 13 | 7 | 3 | 4 |
| 43-4021 | Correspondence Clerks | 22 | 23 | 1 | 4.55% | 1 | 2 | 0 | 3 | 7 | 3 | 5 |
| 43-4031 | Court, Municipal, and License Clerks | 1,189 | 1,224 | 35 | 2.94% | 54 | 48 | 18 | 120 | 7 | 3 | 4 |
| 43-4041 | Credit Authorizers, Checkers, and Clerks | 114 | 118 | 4 | 3.51% | 4 | 8 | 2 | 14 | 7 | 3 | 4 |
| 43-4051 | Customer Service Representatives | 17,272 | 17,887 | 615 | 3.56% | 898 | 1,319 | 308 | 2,525 | 7 | 3 | 5 |
| 43-4061 | Eligibility Interviewers, Government Programs | 1,775 | 1,794 | 19 | 1.07% | 71 | 84 | 10 | 165 | 7 | 3 | 4 |
| 43-4071 | File Clerks | 503 | 498 | -5 | -0.99% | 30 | 30 | -2 | 58 | 7 | 3 | 5 |
| 43-4081 | Hotel, Motel, and Resort Desk Clerks | 2,454 | 2,478 | 24 | 0.98% | 136 | 244 | 12 | 392 | 7 | 3 | 5 |
| 43-4111 | Interviewers, Except Eligibility and Loan | 1,521 | 1,554 | 33 | 2.17% | 82 | 96 | 16 | 194 | 7 | 3 | 5 |
| 43-4121 | Library Assistants, Clerical | 553 | 567 | 14 | 2.53% | 44 | 34 | 7 | 85 | 7 | 3 | 5 |
| 43-4131 | Loan Interviewers and Clerks | 3,405 | 3,517 | 112 | 3.29% | 124 | 200 | 56 | 380 | 7 | 3 | 5 |
| 43-4151 | Order Clerks | 632 | 638 | 6 | 0.95% | 30 | 42 | 3 | 75 | 7 | 3 | 5 |
| 43-4161 | Human Resources Assistants, Except Payroll and Timekeeping | 931 | 936 | 5 | 0.54% | 40 | 62 | 2 | 104 | 4 | 3 | 6 |
| 43-4171 | Receptionists and Information Clerks | 8,889 | 9,182 | 293 | 3.30% | 562 | 600 | 146 | 1,308 | 7 | 3 | 5 |
| 43-4181 | Reservation and Transportation Ticket Agents and Travel Clerks | 342 | 365 | 23 | 6.73% | 15 | 21 | 12 | 48 | 7 | 3 | 5 |
| 43-4199 | Information and Record Clerks, All Other | 942 | 941 | -1 | -0.11% | 46 | 59 | 0 | 105 | 7 | 3 | 5 |
| ***43-5000*** | ***Material Recording, Scheduling, Dispatching, and Distributing Workers*** | ***33,664*** | ***34,268*** | ***604*** | ***1.79%*** | ***1,540*** | ***2,014*** | ***302*** | ***3,856*** |  |  |  |
| 43-5011 | Cargo and Freight Agents | 927 | 996 | 69 | 7.44% | 30 | 48 | 34 | 112 | 7 | 3 | 5 |
| 43-5021 | Couriers and Messengers | 606 | 633 | 27 | 4.46% | 28 | 27 | 14 | 69 | 7 | 3 | 5 |
| 43-5031 | Police, Fire, and Ambulance Dispatchers | 956 | 984 | 28 | 2.93% | 34 | 52 | 14 | 100 | 7 | 3 | 4 |
| 43-5032 | Dispatchers, Except Police, Fire, and Ambulance | 1,772 | 1,832 | 60 | 3.39% | 64 | 97 | 30 | 191 | 7 | 3 | 4 |
| 43-5041 | Meter Readers, Utilities | 724 | 720 | -4 | -0.55% | 24 | 29 | -2 | 51 | 7 | 3 | 5 |
| 43-5051 | Postal Service Clerks | 1,101 | 1,104 | 3 | 0.27% | 56 | 30 | 2 | 88 | 7 | 3 | 5 |
| 43-5052 | Postal Service Mail Carriers | 3,136 | 3,145 | 9 | 0.29% | 122 | 88 | 4 | 214 | 7 | 3 | 5 |
| 43-5053 | Postal Service Mail Sorters, Processors, and Processing Machine Operators | 564 | 560 | -4 | -0.71% | 24 | 16 | -2 | 38 | 7 | 3 | 5 |
| 43-5061 | Production, Planning, and Expediting Clerks | 3,663 | 3,763 | 100 | 2.73% | 129 | 241 | 50 | 420 | 7 | 3 | 4 |
| 43-5071 | Shipping, Receiving, and Traffic Clerks | 4,266 | 4,357 | 91 | 2.13% | 168 | 256 | 46 | 470 | 7 | 3 | 5 |
| 43-5081 | Stock Clerks and Order Fillers | 14,871 | 15,055 | 184 | 1.24% | 817 | 1,066 | 92 | 1,975 | 7 | 3 | 5 |
| 43-5111 | Weighers, Measurers, Checkers, and Samplers, Recordkeeping | 1,078 | 1,119 | 41 | 3.80% | 44 | 63 | 20 | 127 | 7 | 3 | 5 |
| ***43-6000*** | ***Secretaries and Administrative Assistants*** | ***30,069*** | ***30,231*** | ***162*** | ***0.54%*** | ***1,624*** | ***1,580*** | ***81*** | ***3,285*** |  |  |  |
| 43-6011 | Executive Secretaries and Executive Administrative Assistants | 4,265 | 4,253 | -12 | -0.28% | 230 | 223 | -6 | 447 | 7 | 2 | 6 |
| 43-6012 | Legal Secretaries | 1,667 | 1,613 | -54 | -3.24% | 88 | 86 | -27 | 147 | 7 | 3 | 4 |
| 43-6013 | Medical Secretaries | 3,959 | 4,118 | 159 | 4.02% | 218 | 212 | 80 | 510 | 7 | 3 | 4 |
| 43-6014 | Secretaries and Administrative Assistants, Except Legal, Medical, and Executive | 20,178 | 20,247 | 69 | 0.34% | 1,089 | 1,059 | 34 | 2,182 | 7 | 3 | 5 |
| ***43-9000*** | ***Other Office and Administrative Support Workers*** | ***36,783*** | ***37,449*** | ***666*** | ***1.81%*** | ***2,096*** | ***2,144*** | ***333*** | ***4,573*** |  |  |  |
| 43-9011 | Computer Operators | 288 | 280 | -8 | -2.78% | 12 | 18 | -4 | 26 | 7 | 3 | 4 |
| 43-9021 | Data Entry Keyers | 1,166 | 1,145 | -21 | -1.80% | 60 | 74 | -10 | 124 | 7 | 3 | 5 |
| 43-9022 | Word Processors and Typists | 293 | 278 | -15 | -5.12% | 18 | 14 | -8 | 24 | 7 | 3 | 5 |
| 43-9041 | Insurance Claims and Policy Processing Clerks | 1,899 | 2,093 | 194 | 10.22% | 86 | 112 | 97 | 295 | 7 | 3 | 4 |
| 43-9051 | Mail Clerks and Mail Machine Operators, Except Postal Service | 398 | 399 | 1 | 0.25% | 22 | 22 | 0 | 44 | 7 | 3 | 5 |
| 43-9061 | Office Clerks, General | 30,291 | 30,760 | 469 | 1.55% | 1,791 | 1,746 | 234 | 3,771 | 7 | 3 | 5 |
| 43-9071 | Office Machine Operators, Except Computer | 312 | 307 | -5 | -1.60% | 14 | 20 | -2 | 32 | 7 | 3 | 5 |
| 43-9111 | Statistical Assistants | 83 | 90 | 7 | 8.43% | 4 | 6 | 4 | 14 | 3 | 3 | 6 |
| 43-9199 | Office and Administrative Support Workers, All Other | 1,994 | 2,036 | 42 | 2.11% | 88 | 128 | 21 | 237 | 7 | 3 | 5 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |
| **45-0000** | **FARMING, FISHING, AND FORESTRY OCCUPATIONS** | **20,336** | **21,506** | **1,170** | **5.75%** | **769** | **2,265** | **585** | **3,619** |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |
| ***45-1000*** | ***Supervisors of Farming, Fishing, and Forestry Workers*** | ***902*** | ***942*** | ***40*** | ***4.43%*** | ***30*** | ***90*** | ***20*** | ***140*** |  |  |  |
| 45-1011 | First-Line Supervisors of Farming, Fishing, and Forestry Workers | 902 | 942 | 40 | 4.43% | 30 | 90 | 20 | 140 | 7 | 2 | 6 |
| ***45-2000*** | ***Agricultural Workers*** | ***16,822*** | ***17,936*** | ***1,114*** | ***6.62%*** | ***644*** | ***1,932*** | ***557*** | ***3,133*** |  |  |  |
| 45-2011 | Agricultural Inspectors | 351 | 348 | -3 | -0.85% | 15 | 31 | -2 | 44 | 3 | 3 | 4 |
| 45-2041 | Graders and Sorters, Agricultural Products | 1,935 | 1,997 | 62 | 3.20% | 78 | 184 | 31 | 293 | 8 | 3 | 5 |
| 45-2091 | Agricultural Equipment Operators | 1,015 | 1,101 | 86 | 8.47% | 38 | 120 | 43 | 201 | 8 | 3 | 4 |
| 45-2092 | Farmworkers and Laborers, Crop, Nursery, and Greenhouse | 6,826 | 7,348 | 522 | 7.65% | 259 | 808 | 261 | 1,328 | 8 | 3 | 5 |
| 45-2093 | Farmworkers, Farm, Ranch, and Aquacultural Animals | 6,323 | 6,734 | 411 | 6.50% | 239 | 744 | 206 | 1,189 | 8 | 3 | 5 |
| ***45-4000*** | ***Forest, Conservation, and Logging Workers*** | ***2,612*** | ***2,628*** | ***16*** | ***0.61%*** | ***94*** | ***242*** | ***8*** | ***344*** |  |  |  |
| 45-4022 | Logging Equipment Operators | 1,728 | 1,740 | 12 | 0.69% | 62 | 158 | 6 | 226 | 7 | 3 | 4 |
| 45-4023 | Log Graders and Scalers | 303 | 310 | 7 | 2.31% | 11 | 28 | 4 | 43 | 7 | 3 | 4 |
| 45-4029 | Logging Workers, All Other | 227 | 225 | -2 | -0.88% | 8 | 20 | -1 | 27 | 7 | 3 | 4 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |
| **47-0000** | **CONSTRUCTION AND EXTRACTION OCCUPATIONS** | **52,628** | **54,059** | **1,431** | **2.72%** | **1,882** | **3,533** | **716** | **6,131** |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |
| ***47-1000*** | ***Supervisors of Construction and Extraction Workers*** | ***5,507*** | ***5,637*** | ***130*** | ***2.36%*** | ***178*** | ***352*** | ***65*** | ***595*** |  |  |  |
| 47-1011 | First-Line Supervisors of Construction Trades and Extraction Workers | 5,507 | 5,637 | 130 | 2.36% | 178 | 352 | 65 | 595 | 7 | 1 | 6 |
| ***47-2000*** | ***Construction Trades Workers*** | ***39,062*** | ***40,155*** | ***1,093*** | ***2.80%*** | ***1,372*** | ***2,579*** | ***546*** | ***4,497*** |  |  |  |
| 47-2011 | Boilermakers | 129 | 133 | 4 | 3.10% | 4 | 8 | 2 | 14 | 7 | 3 | 1 |
| 47-2021 | Brickmasons and Blockmasons | 644 | 662 | 18 | 2.80% | 19 | 36 | 9 | 64 | 7 | 3 | 1 |
| 47-2031 | Carpenters | 6,559 | 6,814 | 255 | 3.89% | 230 | 372 | 128 | 730 | 7 | 3 | 1 |
| 47-2041 | Carpet Installers | 327 | 341 | 14 | 4.28% | 10 | 18 | 7 | 35 | 8 | 3 | 5 |
| 47-2043 | Floor Sanders and Finishers | 179 | 186 | 7 | 3.91% | 6 | 10 | 4 | 20 | 8 | 3 | 4 |
| 47-2044 | Tile and Marble Setters | 252 | 261 | 9 | 3.57% | 8 | 14 | 4 | 26 | 8 | 3 | 3 |
| 47-2051 | Cement Masons and Concrete Finishers | 1,458 | 1,491 | 33 | 2.26% | 56 | 100 | 16 | 172 | 8 | 3 | 4 |
| 47-2061 | Construction Laborers | 8,774 | 9,012 | 238 | 2.71% | 310 | 586 | 119 | 1,015 | 8 | 3 | 5 |
| 47-2071 | Paving, Surfacing, and Tamping Equipment Operators | 966 | 989 | 23 | 2.38% | 32 | 66 | 12 | 110 | 7 | 3 | 4 |
| 47-2073 | Operating Engineers and Other Construction Equipment Operators | 3,906 | 3,999 | 93 | 2.38% | 151 | 277 | 46 | 474 | 7 | 3 | 4 |
| 47-2081 | Drywall and Ceiling Tile Installers | 488 | 497 | 9 | 1.84% | 15 | 28 | 4 | 47 | 8 | 3 | 4 |
| 47-2111 | Electricians | 6,042 | 6,188 | 146 | 2.42% | 213 | 454 | 73 | 740 | 7 | 3 | 1 |
| 47-2121 | Glaziers | 422 | 434 | 12 | 2.84% | 16 | 32 | 6 | 54 | 7 | 3 | 1 |
| 47-2131 | Insulation Workers, Floor, Ceiling, and Wall | 340 | 347 | 7 | 2.06% | 9 | 26 | 4 | 39 | 8 | 3 | 5 |
| 47-2132 | Insulation Workers, Mechanical | 199 | 204 | 5 | 2.51% | 6 | 16 | 2 | 24 | 7 | 3 | 1 |
| 47-2141 | Painters, Construction and Maintenance | 2,077 | 2,140 | 63 | 3.03% | 72 | 105 | 32 | 209 | 8 | 3 | 4 |
| 47-2151 | Pipelayers | 274 | 273 | -1 | -0.36% | 10 | 18 | 0 | 28 | 8 | 3 | 5 |
| 47-2152 | Plumbers, Pipefitters, and Steamfitters | 2,960 | 3,048 | 88 | 2.97% | 109 | 201 | 44 | 354 | 7 | 3 | 1 |
| 47-2181 | Roofers | 859 | 882 | 23 | 2.68% | 25 | 59 | 12 | 96 | 8 | 3 | 4 |
| 47-2211 | Sheet Metal Workers | 1,193 | 1,219 | 26 | 2.18% | 42 | 82 | 13 | 137 | 7 | 3 | 1 |
| 47-2221 | Structural Iron and Steel Workers | 641 | 651 | 10 | 1.56% | 18 | 48 | 5 | 71 | 7 | 3 | 1 |
| ***47-3000*** | ***Helpers, Construction Trades*** | ***1,886*** | ***1,938*** | ***52*** | ***2.76%*** | ***81*** | ***184*** | ***26*** | ***291*** |  |  |  |
| 47-3011 | Helpers--Brickmasons, Blockmasons, Stonemasons, and Tile and Marble Setters | 304 | 313 | 9 | 2.96% | 13 | 30 | 4 | 47 | 8 | 3 | 5 |
| 47-3012 | Helpers--Carpenters | 272 | 285 | 13 | 4.78% | 12 | 27 | 6 | 45 | 8 | 3 | 5 |
| 47-3013 | Helpers--Electricians | 496 | 506 | 10 | 2.02% | 21 | 48 | 5 | 74 | 7 | 3 | 5 |
| 47-3014 | Helpers--Painters, Paperhangers, Plasterers, and Stucco Masons | 138 | 142 | 4 | 2.90% | 6 | 14 | 2 | 22 | 8 | 3 | 5 |
| 47-3015 | Helpers--Pipelayers, Plumbers, Pipefitters, and Steamfitters | 261 | 269 | 8 | 3.07% | 11 | 26 | 4 | 41 | 7 | 3 | 5 |
| 47-3016 | Helpers--Roofers | 115 | 118 | 3 | 2.61% | 5 | 11 | 2 | 18 | 8 | 3 | 5 |
| 47-3019 | Helpers, Construction Trades, All Other | 300 | 305 | 5 | 1.67% | 13 | 29 | 2 | 44 | 8 | 3 | 5 |
| ***47-4000*** | ***Other Construction and Related Workers*** | ***4,784*** | ***4,913*** | ***129*** | ***2.70%*** | ***208*** | ***295*** | ***64*** | ***567*** |  |  |  |
| 47-4011 | Construction and Building Inspectors | 819 | 835 | 16 | 1.95% | 40 | 47 | 8 | 95 | 7 | 1 | 4 |
| 47-4021 | Elevator Installers and Repairers | 95 | 97 | 2 | 2.11% | 3 | 8 | 1 | 12 | 7 | 3 | 1 |
| 47-4031 | Fence Erectors | 220 | 231 | 11 | 5.00% | 8 | 17 | 6 | 31 | 8 | 3 | 4 |
| 47-4041 | Hazardous Materials Removal Workers | 274 | 299 | 25 | 9.12% | 12 | 22 | 12 | 46 | 7 | 3 | 4 |
| 47-4051 | Highway Maintenance Workers | 2,944 | 3,004 | 60 | 2.04% | 126 | 170 | 30 | 326 | 7 | 3 | 4 |
| 47-4061 | Rail-Track Laying and Maintenance Equipment Operators | 59 | 56 | -3 | -5.08% | 2 | 4 | -2 | 4 | 7 | 3 | 4 |
| 47-4071 | Septic Tank Servicers and Sewer Pipe Cleaners | 213 | 229 | 16 | 7.51% | 11 | 16 | 8 | 35 | 7 | 3 | 4 |
| 47-4090 | Miscellaneous Construction and Related Workers | 20 | 20 | 0 | 0.00% | 1 | 2 | 0 | 3 | 7 | 3 | 4 |
| 47-4099 | Construction and Related Workers, All Other | 140 | 142 | 2 | 1.43% | 6 | 9 | 1 | 16 | 7 | 3 | 4 |
| ***47-5000*** | ***Extraction Workers*** | ***1,389*** | ***1,416*** | ***27*** | ***1.94%*** | ***43*** | ***123*** | ***14*** | ***180*** |  |  |  |
| 47-5011 | Derrick Operators, Oil and Gas | 69 | 70 | 1 | 1.45% | 2 | 6 | 0 | 8 | 8 | 3 | 5 |
| 47-5012 | Rotary Drill Operators, Oil and Gas | 25 | 26 | 1 | 4.00% | 0 | 2 | 0 | 2 | 8 | 3 | 4 |
| 47-5013 | Service Unit Operators, Oil, Gas, and Mining | 395 | 397 | 2 | 0.51% | 10 | 36 | 1 | 47 | 8 | 3 | 4 |
| 47-5021 | Earth Drillers, Except Oil and Gas | 55 | 56 | 1 | 1.82% | 2 | 4 | 0 | 6 | 7 | 3 | 4 |
| 47-5031 | Explosives Workers, Ordnance Handling Experts, and Blasters | 124 | 122 | -2 | -1.61% | 6 | 8 | -1 | 13 | 7 | 2 | 3 |
| 47-5041 | Continuous Mining Machine Operators | 198 | 211 | 13 | 6.57% | 6 | 18 | 6 | 30 | 8 | 3 | 4 |
| 47-5051 | Rock Splitters, Quarry | 49 | 52 | 3 | 6.12% | 2 | 4 | 2 | 8 | 8 | 3 | 5 |
| 47-5071 | Roustabouts, Oil and Gas | 313 | 321 | 8 | 2.56% | 11 | 28 | 4 | 43 | 8 | 3 | 4 |
| 47-5081 | Helpers--Extraction Workers | 82 | 86 | 4 | 4.88% | 2 | 8 | 2 | 12 | 7 | 3 | 4 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |
| **49-0000** | **INSTALLATION, MAINTENANCE, AND REPAIR OCCUPATIONS** | **60,180** | **61,878** | **1,698** | **2.82%** | **2,084** | **3,582** | **849** | **6,515** |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |
| ***49-1000*** | ***Supervisors of Installation, Maintenance, and Repair Workers*** | ***6,053*** | ***6,183*** | ***130*** | ***2.15%*** | ***198*** | ***316*** | ***65*** | ***579*** |  |  |  |
| 49-1011 | First-Line Supervisors of Mechanics, Installers, and Repairers | 6,053 | 6,183 | 130 | 2.15% | 198 | 316 | 65 | 579 | 7 | 2 | 6 |
| ***49-2000*** | ***Electrical and Electronic Equipment Mechanics, Installers, and Repairers*** | ***4,886*** | ***4,947*** | ***61*** | ***1.25%*** | ***156*** | ***330*** | ***30*** | ***516*** |  |  |  |
| 49-2011 | Computer, Automated Teller, and Office Machine Repairers | 1,245 | 1,281 | 36 | 2.89% | 42 | 80 | 18 | 140 | 6 | 3 | 5 |
| 49-2022 | Telecommunications Equipment Installers and Repairers, Except Line Installers | 1,711 | 1,690 | -21 | -1.23% | 56 | 120 | -10 | 166 | 5 | 3 | 4 |
| 49-2091 | Avionics Technicians | 47 | 50 | 3 | 6.38% | 1 | 2 | 2 | 5 | 4 | 3 | 6 |
| 49-2092 | Electric Motor, Power Tool, and Related Repairers | 188 | 193 | 5 | 2.66% | 6 | 12 | 2 | 20 | 7 | 2 | 4 |
| 49-2093 | Electrical and Electronics Installers and Repairers, Transportation Equipment | 191 | 196 | 5 | 2.62% | 5 | 12 | 2 | 19 | 5 | 3 | 3 |
| 49-2094 | Electrical and Electronics Repairers, Commercial and Industrial Equipment | 408 | 416 | 8 | 1.96% | 10 | 25 | 4 | 39 | 5 | 3 | 3 |
| 49-2095 | Electrical and Electronics Repairers, Powerhouse, Substation, and Relay | 189 | 185 | -4 | -2.12% | 4 | 12 | -2 | 14 | 5 | 2 | 4 |
| 49-2097 | Electronic Home Entertainment Equipment Installers and Repairers | 308 | 313 | 5 | 1.62% | 11 | 21 | 2 | 34 | 5 | 3 | 5 |
| 49-2098 | Security and Fire Alarm Systems Installers | 552 | 575 | 23 | 4.17% | 18 | 42 | 12 | 72 | 7 | 3 | 4 |
| ***49-3000*** | ***Vehicle and Mobile Equipment Mechanics, Installers, and Repairers*** | ***19,071*** | ***19,541*** | ***470*** | ***2.46%*** | ***623*** | ***1,185*** | ***235*** | ***2,043*** |  |  |  |
| 49-3011 | Aircraft Mechanics and Service Technicians | 490 | 515 | 25 | 5.10% | 16 | 22 | 12 | 50 | 5 | 3 | 6 |
| 49-3021 | Automotive Body and Related Repairers | 1,798 | 1,831 | 33 | 1.84% | 62 | 108 | 16 | 186 | 7 | 3 | 3 |
| 49-3022 | Automotive Glass Installers and Repairers | 105 | 106 | 1 | 0.95% | 4 | 6 | 0 | 10 | 7 | 3 | 4 |
| 49-3023 | Automotive Service Technicians and Mechanics | 6,808 | 6,926 | 118 | 1.73% | 216 | 414 | 59 | 689 | 5 | 3 | 5 |
| 49-3031 | Bus and Truck Mechanics and Diesel Engine Specialists | 4,595 | 4,727 | 132 | 2.87% | 143 | 266 | 66 | 475 | 7 | 3 | 3 |
| 49-3041 | Farm Equipment Mechanics and Service Technicians | 1,589 | 1,654 | 65 | 4.09% | 50 | 102 | 32 | 184 | 7 | 3 | 3 |
| 49-3043 | Rail Car Repairers | 320 | 330 | 10 | 3.13% | 10 | 20 | 5 | 35 | 7 | 3 | 3 |
| 49-3051 | Motorboat Mechanics and Service Technicians | 154 | 162 | 8 | 5.19% | 6 | 10 | 4 | 20 | 7 | 3 | 3 |
| 49-3052 | Motorcycle Mechanics | 243 | 256 | 13 | 5.35% | 10 | 16 | 6 | 32 | 5 | 3 | 5 |
| 49-3053 | Outdoor Power Equipment and Other Small Engine Mechanics | 327 | 339 | 12 | 3.67% | 14 | 20 | 6 | 40 | 7 | 3 | 4 |
| 49-3092 | Recreational Vehicle Service Technicians | 136 | 143 | 7 | 5.15% | 5 | 12 | 4 | 21 | 7 | 3 | 3 |
| 49-3093 | Tire Repairers and Changers | 1,223 | 1,235 | 12 | 0.98% | 46 | 106 | 6 | 158 | 7 | 3 | 5 |
| ***49-9000*** | ***Other Installation, Maintenance, and Repair Occupations*** | ***30,170*** | ***31,207*** | ***1,037*** | ***3.44%*** | ***1,108*** | ***1,752*** | ***518*** | ***3,378*** |  |  |  |
| 49-9012 | Control and Valve Installers and Repairers, Except Mechanical Door | 272 | 265 | -7 | -2.57% | 6 | 14 | -4 | 16 | 7 | 3 | 4 |
| 49-9021 | Heating, Air Conditioning, and Refrigeration Mechanics and Installers | 2,904 | 3,013 | 109 | 3.75% | 82 | 198 | 54 | 334 | 5 | 3 | 3 |
| 49-9031 | Home Appliance Repairers | 159 | 157 | -2 | -1.26% | 8 | 7 | -1 | 14 | 7 | 3 | 4 |
| 49-9041 | Industrial Machinery Mechanics | 5,913 | 6,252 | 339 | 5.73% | 206 | 314 | 170 | 690 | 7 | 3 | 3 |
| 49-9043 | Maintenance Workers, Machinery | 958 | 1,019 | 61 | 6.37% | 42 | 57 | 30 | 129 | 7 | 3 | 3 |
| 49-9044 | Millwrights | 399 | 408 | 9 | 2.26% | 13 | 23 | 4 | 40 | 7 | 3 | 1 |
| 49-9051 | Electrical Power-Line Installers and Repairers | 2,063 | 2,034 | -29 | -1.41% | 52 | 108 | -14 | 146 | 7 | 3 | 3 |
| 49-9052 | Telecommunications Line Installers and Repairers | 1,234 | 1,213 | -21 | -1.70% | 30 | 90 | -10 | 110 | 7 | 3 | 3 |
| 49-9062 | Medical Equipment Repairers | 323 | 333 | 10 | 3.10% | 12 | 16 | 5 | 33 | 4 | 3 | 4 |
| 49-9069 | Precision Instrument and Equipment Repairers, All Other | 38 | 39 | 1 | 2.63% | 2 | 2 | 0 | 4 | 7 | 3 | 3 |
| 49-9071 | Maintenance and Repair Workers, General | 12,418 | 12,903 | 485 | 3.91% | 516 | 704 | 242 | 1,462 | 7 | 3 | 4 |
| 49-9091 | Coin, Vending, and Amusement Machine Servicers and Repairers | 247 | 249 | 2 | 0.81% | 10 | 16 | 1 | 27 | 7 | 3 | 5 |
| 49-9094 | Locksmiths and Safe Repairers | 215 | 216 | 1 | 0.47% | 10 | 9 | 0 | 19 | 7 | 3 | 3 |
| 49-9096 | Riggers | 223 | 242 | 19 | 8.52% | 7 | 16 | 10 | 33 | 7 | 3 | 4 |
| 49-9098 | Helpers--Installation, Maintenance, and Repair Workers | 1,012 | 1,044 | 32 | 3.16% | 50 | 78 | 16 | 144 | 7 | 3 | 5 |
| 49-9099 | Installation, Maintenance, and Repair Workers, All Other | 981 | 996 | 15 | 1.53% | 36 | 57 | 8 | 101 | 7 | 3 | 4 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |
| **51-0000** | **PRODUCTION OCCUPATIONS** | **117,174** | **121,211** | **4,037** | **3.45%** | **4,859** | **8,630** | **2,018** | **15,507** |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |
| ***51-1000*** | ***Supervisors of Production Workers*** | ***8,256*** | ***8,580*** | ***324*** | ***3.92%*** | ***268*** | ***539*** | ***162*** | ***969*** |  |  |  |
| 51-1011 | First-Line Supervisors of Production and Operating Workers | 8,256 | 8,580 | 324 | 3.92% | 268 | 539 | 162 | 969 | 7 | 2 | 6 |
| ***51-2000*** | ***Assemblers and Fabricators*** | ***16,404*** | ***16,628*** | ***224*** | ***1.37%*** | ***716*** | ***1,182*** | ***112*** | ***2,010*** |  |  |  |
| 51-2021 | Coil Winders, Tapers, and Finishers | 341 | 301 | -40 | -11.73% | 16 | 21 | -20 | 17 | 7 | 3 | 4 |
| 51-2022 | Electrical and Electronic Equipment Assemblers | 834 | 815 | -19 | -2.28% | 42 | 54 | -10 | 86 | 7 | 3 | 4 |
| 51-2028 | Electrical, Electronic, and Electromechanical Assemblers, Except Coil Winders, Tapers, and Finishers | 564 | 539 | -25 | -4.43% | 28 | 36 | -12 | 52 | 7 | 3 | 4 |
| 51-2031 | Engine and Other Machine Assemblers | 63 | 63 | 0 | 0.00% | 2 | 4 | 0 | 6 | 7 | 3 | 4 |
| 51-2041 | Structural Metal Fabricators and Fitters | 302 | 305 | 3 | 0.99% | 10 | 22 | 2 | 34 | 7 | 3 | 4 |
| 51-2091 | Fiberglass Laminators and Fabricators | 526 | 573 | 47 | 8.94% | 24 | 40 | 24 | 88 | 7 | 3 | 4 |
| 51-2092 | Team Assemblers | 10,671 | 10,877 | 206 | 1.93% | 460 | 780 | 103 | 1,343 | 7 | 3 | 4 |
| 51-2098 | Assemblers and Fabricators, All Other, Including Team Assemblers | 1,772 | 1,812 | 40 | 2.26% | 76 | 130 | 20 | 226 | 7 | 3 | 4 |
| 51-2099 | Assemblers and Fabricators, All Other | 1,067 | 1,076 | 9 | 0.84% | 46 | 78 | 4 | 128 | 7 | 3 | 4 |
| ***51-3000*** | ***Food Processing Workers*** | ***18,358*** | ***19,345*** | ***987*** | ***5.38%*** | ***882*** | ***1,414*** | ***494*** | ***2,790*** |  |  |  |
| 51-3011 | Bakers | 832 | 860 | 28 | 3.37% | 54 | 64 | 14 | 132 | 8 | 3 | 3 |
| 51-3021 | Butchers and Meat Cutters | 345 | 361 | 16 | 4.64% | 16 | 27 | 8 | 51 | 8 | 3 | 3 |
| 51-3022 | Meat, Poultry, and Fish Cutters and Trimmers | 7,820 | 8,271 | 451 | 5.77% | 362 | 613 | 226 | 1,201 | 8 | 3 | 5 |
| 51-3023 | Slaughterers and Meat Packers | 2,018 | 2,132 | 114 | 5.65% | 93 | 158 | 57 | 308 | 8 | 3 | 5 |
| 51-3091 | Food and Tobacco Roasting, Baking, and Drying Machine Operators and Tenders | 73 | 76 | 3 | 4.11% | 3 | 6 | 2 | 11 | 8 | 3 | 4 |
| 51-3092 | Food Batchmakers | 1,934 | 2,011 | 77 | 3.98% | 108 | 165 | 38 | 311 | 7 | 3 | 4 |
| 51-3093 | Food Cooking Machine Operators and Tenders | 829 | 882 | 53 | 6.39% | 46 | 70 | 26 | 142 | 7 | 3 | 4 |
| 51-3099 | Food Processing Workers, All Other | 4,507 | 4,752 | 245 | 5.44% | 199 | 312 | 122 | 633 | 8 | 3 | 4 |
| ***51-4000*** | ***Metal Workers and Plastic Workers*** | ***25,655*** | ***26,488*** | ***833*** | ***3.25%*** | ***847*** | ***1,861*** | ***416*** | ***3,124*** |  |  |  |
| 51-4011 | Computer-Controlled Machine Tool Operators, Metal and Plastic | 1,303 | 1,353 | 50 | 3.84% | 36 | 93 | 25 | 154 | 7 | 3 | 4 |
| 51-4012 | Computer Numerically Controlled Machine Tool Programmers, Metal and Plastic | 82 | 88 | 6 | 7.32% | 2 | 6 | 3 | 11 | 5 | 3 | 4 |
| 51-4021 | Extruding and Drawing Machine Setters, Operators, and Tenders, Metal and Plastic | 954 | 983 | 29 | 3.04% | 24 | 72 | 14 | 110 | 7 | 3 | 4 |
| 51-4022 | Forging Machine Setters, Operators, and Tenders, Metal and Plastic | 207 | 208 | 1 | 0.48% | 6 | 15 | 0 | 21 | 7 | 3 | 4 |
| 51-4023 | Rolling Machine Setters, Operators, and Tenders, Metal and Plastic | 502 | 522 | 20 | 3.98% | 14 | 36 | 10 | 60 | 7 | 3 | 4 |
| 51-4031 | Cutting, Punching, and Press Machine Setters, Operators, and Tenders, Metal and Plastic | 2,110 | 2,181 | 71 | 3.36% | 78 | 162 | 36 | 276 | 7 | 3 | 4 |
| 51-4032 | Drilling and Boring Machine Tool Setters, Operators, and Tenders, Metal and Plastic | 40 | 38 | -2 | -5.00% | 2 | 2 | -1 | 3 | 7 | 3 | 4 |
| 51-4033 | Grinding, Lapping, Polishing, and Buffing Machine Tool Setters, Operators, and Tenders, Metal and Plastic | 1,219 | 1,243 | 24 | 1.97% | 42 | 86 | 12 | 140 | 7 | 3 | 4 |
| 51-4034 | Lathe and Turning Machine Tool Setters, Operators, and Tenders, Metal and Plastic | 458 | 475 | 17 | 3.71% | 14 | 32 | 8 | 54 | 7 | 3 | 4 |
| 51-4035 | Milling and Planing Machine Setters, Operators, and Tenders, Metal and Plastic | 135 | 139 | 4 | 2.96% | 5 | 10 | 2 | 17 | 7 | 3 | 4 |
| 51-4041 | Machinists | 5,683 | 5,879 | 196 | 3.45% | 201 | 376 | 98 | 675 | 7 | 3 | 3 |
| 51-4051 | Metal-Refining Furnace Operators and Tenders | 298 | 319 | 21 | 7.05% | 10 | 20 | 10 | 40 | 7 | 3 | 4 |
| 51-4071 | Foundry Mold and Coremakers | 80 | 76 | -4 | -5.00% | 3 | 6 | -2 | 7 | 7 | 3 | 4 |
| 51-4072 | Molding, Coremaking, and Casting Machine Setters, Operators, and Tenders, Metal and Plastic | 3,437 | 3,493 | 56 | 1.63% | 127 | 262 | 28 | 417 | 7 | 3 | 4 |
| 51-4081 | Multiple Machine Tool Setters, Operators, and Tenders, Metal and Plastic | 762 | 796 | 34 | 4.46% | 29 | 54 | 17 | 100 | 7 | 3 | 4 |
| 51-4111 | Tool and Die Makers | 1,165 | 1,197 | 32 | 2.75% | 46 | 64 | 16 | 126 | 5 | 3 | 3 |
| 51-4121 | Welders, Cutters, Solderers, and Brazers | 4,515 | 4,717 | 202 | 4.47% | 123 | 360 | 101 | 584 | 7 | 3 | 4 |
| 51-4122 | Welding, Soldering, and Brazing Machine Setters, Operators, and Tenders | 779 | 819 | 40 | 5.13% | 22 | 62 | 20 | 104 | 7 | 3 | 4 |
| 51-4191 | Heat Treating Equipment Setters, Operators, and Tenders, Metal and Plastic | 906 | 926 | 20 | 2.21% | 34 | 64 | 10 | 108 | 7 | 3 | 4 |
| 51-4193 | Plating and Coating Machine Setters, Operators, and Tenders, Metal and Plastic | 703 | 703 | 0 | 0.00% | 18 | 52 | 0 | 70 | 7 | 3 | 4 |
| 51-4194 | Tool Grinders, Filers, and Sharpeners | 132 | 137 | 5 | 3.79% | 4 | 12 | 2 | 18 | 7 | 3 | 4 |
| ***51-5100*** | ***Printing Workers*** | ***2,654*** | ***2,613*** | ***-41*** | ***-1.54%*** | ***112*** | ***172*** | ***-20*** | ***264*** |  |  |  |
| 51-5111 | Prepress Technicians and Workers | 256 | 246 | -10 | -3.91% | 10 | 19 | -5 | 24 | 5 | 3 | 6 |
| 51-5112 | Printing Press Operators | 2,147 | 2,121 | -26 | -1.21% | 83 | 139 | -13 | 209 | 7 | 3 | 4 |
| 51-5113 | Print Binding and Finishing Workers | 251 | 246 | -5 | -1.99% | 19 | 14 | -2 | 31 | 7 | 3 | 4 |
| ***51-6000*** | ***Textile, Apparel, and Furnishings Workers*** | ***5,416*** | ***5,557*** | ***141*** | ***2.60%*** | ***332*** | ***326*** | ***70*** | ***728*** |  |  |  |
| 51-6011 | Laundry and Dry-Cleaning Workers | 2,057 | 2,053 | -4 | -0.19% | 138 | 138 | -2 | 274 | 8 | 3 | 5 |
| 51-6021 | Pressers, Textile, Garment, and Related Materials | 269 | 258 | -11 | -4.09% | 16 | 18 | -6 | 28 | 8 | 3 | 5 |
| 51-6031 | Sewing Machine Operators | 1,752 | 1,893 | 141 | 8.05% | 104 | 88 | 70 | 262 | 8 | 3 | 5 |
| 51-6041 | Shoe and Leather Workers and Repairers | 143 | 140 | -3 | -2.10% | 6 | 7 | -2 | 11 | 7 | 3 | 4 |
| 51-6052 | Tailors, Dressmakers, and Custom Sewers | 146 | 146 | 0 | 0.00% | 13 | 6 | 0 | 19 | 8 | 3 | 4 |
| 51-6062 | Textile Cutting Machine Setters, Operators, and Tenders | 24 | 26 | 2 | 8.33% | 2 | 2 | 1 | 5 | 7 | 3 | 4 |
| 51-6091 | Extruding and Forming Machine Setters, Operators, and Tenders, Synthetic and Glass Fibers | 168 | 187 | 19 | 11.31% | 10 | 12 | 10 | 32 | 7 | 3 | 4 |
| 51-6093 | Upholsterers | 64 | 68 | 4 | 6.25% | 3 | 4 | 2 | 9 | 7 | 3 | 4 |
| 51-6099 | Textile, Apparel, and Furnishings Workers, All Other | 30 | 31 | 1 | 3.33% | 2 | 2 | 0 | 4 | 7 | 3 | 5 |
| ***51-7000*** | ***Woodworkers*** | ***2,667*** | ***2,768*** | ***101*** | ***3.79%*** | ***111*** | ***190*** | ***50*** | ***351*** |  |  |  |
| 51-7011 | Cabinetmakers and Bench Carpenters | 301 | 318 | 17 | 5.65% | 14 | 17 | 8 | 39 | 7 | 3 | 4 |
| 51-7041 | Sawing Machine Setters, Operators, and Tenders, Wood | 1,528 | 1,583 | 55 | 3.60% | 63 | 115 | 28 | 206 | 7 | 3 | 4 |
| 51-7042 | Woodworking Machine Setters, Operators, and Tenders, Except Sawing | 789 | 818 | 29 | 3.68% | 31 | 56 | 14 | 101 | 7 | 3 | 4 |
| ***51-8000*** | ***Plant and System Operators*** | ***4,262*** | ***4,264*** | ***2*** | ***0.05%*** | ***116*** | ***258*** | ***1*** | ***375*** |  |  |  |
| 51-8012 | Power Distributors and Dispatchers | 239 | 230 | -9 | -3.77% | 6 | 14 | -4 | 16 | 7 | 3 | 3 |
| 51-8013 | Power Plant Operators | 170 | 169 | -1 | -0.59% | 4 | 10 | 0 | 14 | 7 | 3 | 3 |
| 51-8021 | Stationary Engineers and Boiler Operators | 466 | 475 | 9 | 1.93% | 15 | 33 | 4 | 52 | 7 | 3 | 3 |
| 51-8031 | Water and Wastewater Treatment Plant and System Operators | 2,425 | 2,466 | 41 | 1.69% | 70 | 130 | 20 | 220 | 7 | 3 | 3 |
| 51-8092 | Gas Plant Operators | 243 | 207 | -36 | -14.81% | 5 | 17 | -18 | 4 | 7 | 3 | 3 |
| 51-8093 | Petroleum Pump System Operators, Refinery Operators, and Gaugers | 508 | 506 | -2 | -0.39% | 12 | 38 | -1 | 49 | 7 | 3 | 4 |
| 51-8099 | Plant and System Operators, All Other | 113 | 115 | 2 | 1.77% | 2 | 8 | 1 | 11 | 7 | 3 | 4 |
| ***51-9000*** | ***Other Production Occupations*** | ***33,502*** | ***34,968*** | ***1,466*** | ***4.38%*** | ***1,474*** | ***2,688*** | ***733*** | ***4,895*** |  |  |  |
| 51-9011 | Chemical Equipment Operators and Tenders | 576 | 606 | 30 | 5.21% | 16 | 46 | 15 | 77 | 7 | 3 | 4 |
| 51-9012 | Separating, Filtering, Clarifying, Precipitating, and Still Machine Setters, Operators, and Tenders | 221 | 231 | 10 | 4.52% | 6 | 18 | 5 | 29 | 7 | 3 | 4 |
| 51-9021 | Crushing, Grinding, and Polishing Machine Setters, Operators, and Tenders | 422 | 435 | 13 | 3.08% | 16 | 32 | 6 | 54 | 7 | 3 | 4 |
| 51-9022 | Grinding and Polishing Workers, Hand | 540 | 562 | 22 | 4.07% | 20 | 42 | 11 | 73 | 8 | 3 | 4 |
| 51-9023 | Mixing and Blending Machine Setters, Operators, and Tenders | 1,164 | 1,245 | 81 | 6.96% | 44 | 90 | 40 | 174 | 7 | 3 | 4 |
| 51-9031 | Cutters and Trimmers, Hand | 21 | 34 | 13 | 61.90% | 1 | 2 | 6 | 9 | 8 | 3 | 5 |
| 51-9032 | Cutting and Slicing Machine Setters, Operators, and Tenders | 844 | 884 | 40 | 4.74% | 31 | 66 | 20 | 117 | 7 | 3 | 4 |
| 51-9041 | Extruding, Forming, Pressing, and Compacting Machine Setters, Operators, and Tenders | 1,193 | 1,243 | 50 | 4.19% | 47 | 98 | 25 | 170 | 7 | 3 | 4 |
| 51-9051 | Furnace, Kiln, Oven, Drier, and Kettle Operators and Tenders | 414 | 428 | 14 | 3.38% | 18 | 23 | 7 | 48 | 7 | 3 | 4 |
| 51-9061 | Inspectors, Testers, Sorters, Samplers, and Weighers | 5,906 | 6,009 | 103 | 1.74% | 248 | 456 | 52 | 756 | 7 | 3 | 4 |
| 51-9071 | Jewelers and Precious Stone and Metal Workers | 333 | 333 | 0 | 0.00% | 20 | 14 | 0 | 34 | 7 | 3 | 3 |
| 51-9081 | Dental Laboratory Technicians | 230 | 249 | 19 | 8.26% | 10 | 16 | 10 | 36 | 7 | 3 | 4 |
| 51-9082 | Medical Appliance Technicians | 96 | 101 | 5 | 5.21% | 4 | 6 | 2 | 12 | 7 | 3 | 4 |
| 51-9083 | Ophthalmic Laboratory Technicians | 317 | 332 | 15 | 4.73% | 14 | 22 | 8 | 44 | 7 | 3 | 4 |
| 51-9111 | Packaging and Filling Machine Operators and Tenders | 3,547 | 3,686 | 139 | 3.92% | 171 | 240 | 70 | 481 | 7 | 3 | 4 |
| 51-9121 | Coating, Painting, and Spraying Machine Setters, Operators, and Tenders | 1,654 | 1,712 | 58 | 3.51% | 48 | 126 | 29 | 203 | 7 | 3 | 4 |
| 51-9122 | Painters, Transportation Equipment | 818 | 854 | 36 | 4.40% | 24 | 62 | 18 | 104 | 7 | 3 | 4 |
| 51-9123 | Painting, Coating, and Decorating Workers | 95 | 98 | 3 | 3.16% | 3 | 7 | 2 | 12 | 8 | 3 | 4 |
| 51-9191 | Adhesive Bonding Machine Operators and Tenders | 326 | 324 | -2 | -0.61% | 15 | 20 | -1 | 34 | 7 | 3 | 4 |
| 51-9192 | Cleaning, Washing, and Metal Pickling Equipment Operators and Tenders | 158 | 161 | 3 | 1.90% | 8 | 13 | 2 | 23 | 7 | 3 | 4 |
| 51-9193 | Cooling and Freezing Equipment Operators and Tenders | 595 | 618 | 23 | 3.87% | 24 | 44 | 12 | 80 | 7 | 3 | 4 |
| 51-9195 | Molders, Shapers, and Casters, Except Metal and Plastic | 377 | 387 | 10 | 2.65% | 14 | 24 | 5 | 43 | 7 | 3 | 3 |
| 51-9196 | Paper Goods Machine Setters, Operators, and Tenders | 1,856 | 1,899 | 43 | 2.32% | 68 | 122 | 22 | 212 | 7 | 3 | 4 |
| 51-9198 | Helpers--Production Workers | 8,678 | 9,302 | 624 | 7.19% | 482 | 856 | 312 | 1,650 | 7 | 3 | 5 |
| 51-9199 | Production Workers, All Other | 2,000 | 2,082 | 82 | 4.10% | 80 | 149 | 41 | 270 | 7 | 3 | 4 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |
| **53-0000** | **TRANSPORTATION AND MATERIAL MOVING OCCUPATIONS** | **111,157** | **115,134** | **3,977** | **3.58%** | **5,386** | **7,902** | **1,988** | **15,276** |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |
| **53-1000** | **Supervisors of Transportation and Material Moving Workers** | **4,412** | **4,574** | **162** | **3.67%** | **144** | **309** | **81** | **534** |  |  |  |
| 53-1011 | Aircraft Cargo Handling Supervisors | 53 | 57 | 4 | 7.55% | 2 | 4 | 2 | 8 | 7 | 2 | 6 |
| 53-1021 | First-Line Supervisors of Helpers, Laborers, and Material Movers, Hand | 1,402 | 1,451 | 49 | 3.50% | 46 | 98 | 24 | 168 | 7 | 2 | 6 |
| 53-1031 | First-Line Supervisors of Transportation and Material-Moving Machine and Vehicle Operators | 2,051 | 2,131 | 80 | 3.90% | 67 | 144 | 40 | 251 | 7 | 2 | 6 |
| 53-1048 | First Line Supervisors of Other Transportation and Material Moving Workers | 906 | 935 | 29 | 3.20% | 30 | 64 | 14 | 108 | 7 | 2 | 6 |
| **53-2000** | **Air Transportation Workers** | **789** | **818** | **29** | **3.68%** | **23** | **50** | **14** | **87** |  |  |  |
| 53-2012 | Commercial Pilots | 590 | 616 | 26 | 4.41% | 17 | 38 | 13 | 68 | 7 | 3 | 4 |
| 53-2021 | Air Traffic Controllers | 112 | 113 | 1 | 0.89% | 4 | 6 | 0 | 10 | 4 | 3 | 3 |
| **53-3000** | **Motor Vehicle Operators** | **55,746** | **57,544** | **1,798** | **3.23%** | **2,731** | **3,314** | **899** | **6,944** |  |  |  |
| 53-3011 | Ambulance Drivers and Attendants, Except Emergency Medical Technicians | 49 | 50 | 1 | 2.04% | 3 | 4 | 0 | 7 | 7 | 3 | 4 |
| 53-3021 | Bus Drivers, Transit and Intercity | 468 | 493 | 25 | 5.34% | 38 | 20 | 12 | 70 | 7 | 3 | 4 |
| 53-3022 | Bus Drivers, School or Special Client | 6,249 | 6,285 | 36 | 0.58% | 492 | 256 | 18 | 766 | 7 | 3 | 5 |
| 53-3031 | Driver/Sales Workers | 2,786 | 2,787 | 1 | 0.04% | 118 | 175 | 0 | 293 | 7 | 3 | 5 |
| 53-3032 | Heavy and Tractor-Trailer Truck Drivers | 34,897 | 36,115 | 1,218 | 3.49% | 1,506 | 2,230 | 609 | 4,345 | 5 | 3 | 5 |
| 53-3033 | Light Truck or Delivery Services Drivers | 6,952 | 7,276 | 324 | 4.66% | 302 | 447 | 162 | 911 | 7 | 3 | 5 |
| 53-3041 | Taxi Drivers and Chauffeurs | 4,161 | 4,348 | 187 | 4.49% | 252 | 172 | 94 | 518 | 8 | 3 | 5 |
| 53-3099 | Motor Vehicle Operators, All Other | 184 | 190 | 6 | 3.26% | 22 | 10 | 3 | 35 | 8 | 3 | 5 |
| **53-4000** | **Rail Transportation Workers** | **807** | **804** | **-3** | **-0.37%** | **20** | **49** | **-2** | **67** |  |  |  |
| 53-4011 | Locomotive Engineers | 308 | 296 | -12 | -3.90% | 8 | 17 | -6 | 19 | 7 | 2 | 4 |
| 53-4013 | Rail Yard Engineers, Dinkey Operators, and Hostlers | 67 | 76 | 9 | 13.43% | 2 | 4 | 4 | 10 | 7 | 3 | 4 |
| 53-4021 | Railroad Brake, Signal, and Switch Operators | 102 | 112 | 10 | 9.80% | 2 | 7 | 5 | 14 | 7 | 3 | 4 |
| 53-4031 | Railroad Conductors and Yardmasters | 257 | 255 | -2 | -0.78% | 6 | 17 | -1 | 22 | 7 | 3 | 4 |
| **53-5000** | **Water Transportation Workers** | **251** | **258** | **7** | **2.79%** | **10** | **18** | **4** | **32** |  |  |  |
| 53-5011 | Sailors and Marine Oilers | 131 | 135 | 4 | 3.05% | 6 | 10 | 2 | 18 | 8 | 3 | 4 |
| **53-6000** | **Other Transportation Workers** | **2,553** | **2,624** | **71** | **2.78%** | **140** | **232** | **36** | **408** |  |  |  |
| 53-6011 | Bridge and Lock Tenders | 70 | 69 | -1 | -1.43% | 3 | 5 | 0 | 8 | 7 | 3 | 5 |
| 53-6021 | Parking Lot Attendants | 424 | 432 | 8 | 1.89% | 25 | 38 | 4 | 67 | 8 | 3 | 5 |
| 53-6031 | Automotive and Watercraft Service Attendants | 1,325 | 1,348 | 23 | 1.74% | 72 | 146 | 12 | 230 | 8 | 3 | 5 |
| 53-6051 | Transportation Inspectors | 286 | 281 | -5 | -1.75% | 10 | 17 | -2 | 25 | 7 | 3 | 4 |
| 53-6061 | Transportation Attendants, Except Flight Attendants | 249 | 264 | 15 | 6.02% | 22 | 12 | 8 | 42 | 7 | 3 | 5 |
| **53-7000** | **Material Moving Workers** | **46,599** | **48,512** | **1,913** | **4.11%** | **2,318** | **3,928** | **956** | **7,202** |  |  |  |
| 53-7011 | Conveyor Operators and Tenders | 1,524 | 1,514 | -10 | -0.66% | 75 | 126 | -5 | 196 | 8 | 3 | 5 |
| 53-7021 | Crane and Tower Operators | 319 | 343 | 24 | 7.52% | 11 | 23 | 12 | 46 | 7 | 2 | 4 |
| 53-7032 | Excavating and Loading Machine and Dragline Operators | 426 | 441 | 15 | 3.52% | 16 | 31 | 8 | 55 | 7 | 2 | 4 |
| 53-7041 | Hoist and Winch Operators | 73 | 83 | 10 | 13.70% | 4 | 6 | 5 | 15 | 8 | 3 | 5 |
| 53-7051 | Industrial Truck and Tractor Operators | 7,133 | 7,404 | 271 | 3.80% | 253 | 544 | 136 | 933 | 8 | 3 | 5 |
| 53-7061 | Cleaners of Vehicles and Equipment | 4,646 | 4,814 | 168 | 3.62% | 244 | 410 | 84 | 738 | 8 | 3 | 5 |
| 53-7062 | Laborers and Freight, Stock, and Material Movers, Hand | 24,440 | 25,576 | 1,136 | 4.65% | 1,239 | 2,138 | 568 | 3,945 | 8 | 3 | 5 |
| 53-7063 | Machine Feeders and Offbearers | 2,415 | 2,479 | 64 | 2.65% | 132 | 196 | 32 | 360 | 8 | 3 | 5 |
| 53-7064 | Packers and Packagers, Hand | 3,722 | 3,882 | 160 | 4.30% | 258 | 310 | 80 | 648 | 8 | 3 | 5 |
| 53-7072 | Pump Operators, Except Wellhead Pumpers | 30 | 31 | 1 | 3.33% | 1 | 2 | 0 | 3 | 7 | 3 | 4 |
| 53-7081 | Refuse and Recyclable Material Collectors | 1,699 | 1,767 | 68 | 4.00% | 78 | 126 | 34 | 238 | 8 | 3 | 5 |
| 53-7121 | Tank Car, Truck, and Ship Loaders | 29 | 32 | 3 | 10.34% | 2 | 2 | 2 | 6 | 8 | 3 | 5 |
| 53-7199 | Material Moving Workers, All Other | 86 | 89 | 3 | 3.49% | 4 | 6 | 2 | 12 | 8 | 3 | 5 |

##### **2018-2020 Projections by Education Level**

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Education** | **2018 Estimated Employment** | **2020 Projected Employment** | **Numeric Change** | **Percent  Change** | **Annual  Exits** | **Annual Transfers** | **Annual  Change** | **Total Annual Openings** |
| Doctoral or Professional Degree | 30,099 | 31,083 | 984 | 3.27% | 771 | 760 | 490 | 2,021 |
| Master's Degree | 22,747 | 23,581 | 834 | 3.67% | 732 | 1,064 | 417 | 2,213 |
| Bachelor's Degree | 259,058 | 266,909 | 7,851 | 3.03% | 7,751 | 12,754 | 3,923 | 24,428 |
| Associate's Degree | 26,123 | 26,806 | 683 | 2.61% | 861 | 1,260 | 339 | 2,460 |
| Postsecondary Non-Degree Award | 105,237 | 108,270 | 3,033 | 2.88% | 4,564 | 5,727 | 1,518 | 11,809 |
| Some College, No Degree | 32,961 | 33,520 | 559 | 1.70% | 1,768 | 1,602 | 279 | 3,649 |
| High School Diploma or Equivalent | 599,556 | 615,067 | 15,511 | 2.59% | 28,488 | 35,653 | 7,752 | 71,893 |
| No Formal Educational Credential | 331,105 | 340,392 | 9,287 | 2.80% | 21,853 | 27,949 | 4,646 | 54,448 |

**Education Outlook**

Every education category is projected to see positive net growth between 2018 and 2020. Occupations requiring a high school diploma or its equivalent are expected to add 15,511 new jobs and 71,894 annual job openings, while those that do not require formal education are estimated to add 9,287 jobs and have 54,448 annual job openings. At 3.67 percent, occupations requiring a Master’s Degree are growing the fastest. Occupations requiring a college degree are forecast to add 10,352 jobs into the Arkansas job market and have a combined 31,122 annual openings.

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

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **SOC Code** | **Standard Occupational Classification (SOC) Title** | **2018 Estimated Employment** | **2020 Projected Employment** | **Numeric Change** | **Percent Change** | **Annual Openings- Exits** | **Annual Openings- Transfers** | **Annual Openings- Change** | **Total Annual Openings** | **Work Experience Education/ Training Assignments** | **Job Training Education/ Training Assignments** |
| **Doctoral or Professional Degree** | | | | | | | | | | | |
| 29-1051 | Pharmacists | 3,725 | 3,832 | 107 | 2.87% | 87 | 72 | 54 | 213 | None | None |
| 23-1011 | Lawyers | 3,512 | 3,590 | 78 | 2.22% | 70 | 77 | 39 | 186 | None | None |
| 25-1071 | Health Specialties Teachers, Postsecondary | 1,799 | 1,876 | 77 | 4.28% | 68 | 70 | 38 | 176 | Less than 5 years | None |
| **Master’s Degree** | | | | | | | | | | | |
| 21-1012 | Educational, Guidance, School, and Vocational Counselors | 2,296 | 2,341 | 45 | 1.96% | 86 | 152 | 22 | 260 | None | None |
| 25-9031 | Instructional Coordinators | 1,977 | 2,016 | 39 | 1.97% | 95 | 82 | 20 | 197 | 5 years or more | None |
| 11-9032 | Education Administrators, Elementary and Secondary School | 2,415 | 2,440 | 25 | 1.04% | 68 | 110 | 12 | 190 | 5 years or more | None |
| **Bachelor’s Degree** | | | | | | | | | | | |
| 11-1021 | General and Operations Managers | 22,768 | 23,421 | 653 | 2.87% | 478 | 1,378 | 326 | 2,182 | 5 years or more | None |
| 29-1141 | Registered Nurses | 25,612 | 26,305 | 693 | 2.71% | 743 | 564 | 346 | 1,653 | None | None |
| 21-2011 | Clergy | 8,376 | 8,858 | 482 | 5.75% | 395 | 528 | 241 | 1,164 | None | Moderate-term OJT |
| **Associate’s Degree** | | | | | | | | | | | |
| 25-2011 | Preschool Teachers, Except Special Education | 3,295 | 3,335 | 40 | 1.21% | 143 | 177 | 20 | 340 | None | None |
| 23-2011 | Paralegals and Legal Assistants | 1,754 | 1,813 | 59 | 3.36% | 59 | 118 | 30 | 207 | None | None |
| 15-1152 | Computer Network Support Specialists | 1,863 | 1,936 | 73 | 3.92% | 38 | 98 | 36 | 172 | None | None |
| **Postsecondary Non-Degree Award/Some College, No Degree** | | | | | | | | | | | |
| 53-3032 | Heavy and Tractor-Trailer Truck Drivers | 34,897 | 36,115 | 1,218 | 3.49% | 1,506 | 2,230 | 609 | 4,345 | None | Short-term OJT |
| 31-1014 | Nursing Assistants | 18,698 | 19,200 | 502 | 2.68% | 1,151 | 958 | 251 | 2,360 | None | None |
| 43-3031 | Bookkeeping, Accounting, and Auditing Clerks | 15,921 | 16,169 | 248 | 1.56% | 994 | 771 | 124 | 1,889 | None | Moderate-term OJT |
| **High School Diploma or Equivalent** | | | | | | | | | | | |
| 11-9013 | Farmers, Ranchers, and Other Agricultural Managers | 60,956 | 61,972 | 1,016 | 1.67% | 3,593 | 912 | 508 | 5,013 | 5 years or more | None |
| 43-9061 | Office Clerks, General | 30,291 | 30,760 | 469 | 1.55% | 1,791 | 1,746 | 234 | 3,771 | None | Short-term OJT |
| 39-9021 | Personal Care Aides | 16,820 | 17,855 | 1,035 | 6.15% | 1,384 | 1,042 | 518 | 2,944 | None | Short-term OJT |
| **No Formal Educational Credential** | | | | | | | | | | | |
| 35-3021 | Combined Food Preparation and Serving Workers, Including Fast Food | 34,473 | 36,026 | 1,553 | 4.50% | 3,122 | 3,264 | 776 | 7,162 | None | Short-term OJT |
| 41-2011 | Cashiers | 38,022 | 37,649 | -373 | -0.98% | 3,552 | 3,467 | -186 | 6,833 | None | Short-term OJT |
| 41-2031 | Retail Salespersons | 39,975 | 40,303 | 328 | 0.82% | 2,541 | 3,186 | 164 | 5,891 | 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 of these factors 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.

##### **2018-2020 Projections by Amount of Work Experience**

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Work Experience** | **2018 Estimated Employment** | **2020 Projected Employment** | **Numeric Change** | **Percent  Change** | **Annual  Exits** | **Annual  Transfers** | **Annual Change** | **Total Annual Openings** |
| 5 or More Years | 115,501 | 118,092 | 2,591 | 2.24% | 4,959 | 3,956 | 1,295 | 10,210 |
| Less than 5 Years | 151,849 | 156,297 | 4,448 | 2.93% | 5,721 | 9,245 | 2,225 | 17,191 |
| None | 1,139,536 | 1,171,239 | 31,703 | 2.78% | 56,108 | 73,568 | 15,844 | 145,520 |

**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 in 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.

##### **2017-2019 Projections by Type of On-the-Job Training**

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Work Experience** | **2018 Estimated Employment** | **2020 Projected Employment** | **Numeric Change** | **Percent  Change** | **Annual  Exits** | **Annual  Transfers** | **Annual Change** | **Total Annual Openings** |
| Apprenticeship | 19,486 | 20,064 | 578 | 2.97% | 679 | 1,294 | 288 | 2,261 |
| Internship/Residency | 14,488 | 14,952 | 464 | 3.20% | 343 | 497 | 230 | 1,070 |
| Long-Term On-the-Job Training | 46,586 | 47,966 | 1,380 | 2.96% | 1,550 | 2,677 | 688 | 4,915 |
| Moderate-Term On-the-Job Training | 254,142 | 261,469 | 7,327 | 2.88% | 10,302 | 16,289 | 3,662 | 30,253 |
| Short-Term On-the-Job Training | 560,907 | 576,271 | 15,364 | 2.74% | 34,858 | 42,437 | 7,687 | 84,982 |
| None | 511,277 | 524,906 | 13,629 | 2.67% | 19,056 | 23,575 | 6,809 | 49,440 |

**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 the total package. Each occupation has a recommended path to become competent in that field. Every occupation has a 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.

##### **2018-2020 Projections by Education Training Path**

| **Education** | **Work Experience** | **Additional Training** | **2018 Estimated Employment** | **2020 Projected Employment** | **Numeric Change** | **Percent Change** | **Annual Exits** | **Annual Transfers** | **Annual Change** | **Total Annual Openings** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Doctoral or Professional Degree** | **5 years or more** | **Short-Term On-the-Job Training** | 691 | 707 | 16 | 2.32% | 14 | 14 | 8 | 36 |
| **Doctoral or Professional Degree** | **Less than 5 years** | **None** | 3,335 | 3,468 | 133 | 3.99% | 125 | 130 | 66 | 321 |
| **Doctoral or Professional Degree** | **None** | **Internship/ Residency** | 6,456 | 6,609 | 153 | 2.37% | 104 | 93 | 73 | 270 |
| **Doctoral or Professional Degree** | **None** | **None** | 19,617 | 20,299 | 682 | 3.48% | 528 | 523 | 343 | 1,394 |
| **Master's Degree** | **5 years or more** | **None** | 4,392 | 4,456 | 64 | 1.46% | 163 | 192 | 32 | 387 |
| **Master's Degree** | **Less than 5 years** | **None** | 1,650 | 1,694 | 44 | 2.67% | 47 | 76 | 22 | 145 |
| **Master's Degree** | **None** | **Internship/ Residency** | 6,191 | 6,473 | 282 | 4.55% | 188 | 331 | 143 | 662 |
| **Master's Degree** | **None** | **None** | 10,514 | 10,958 | 444 | 4.22% | 334 | 465 | 220 | 1,019 |
| **Bachelor's Degree** | **5 years or more** | **None** | 40,908 | 42,190 | 1,282 | 3.13% | 910 | 2,293 | 641 | 3,844 |
| **Bachelor's Degree** | **Less than 5 years** | **Moderate-Term On-the-Job Training** | 237 | 246 | 9 | 3.80% | 5 | 9 | 5 | 19 |
| **Bachelor's Degree** | **Less than 5 years** | **None** | 41,410 | 43,027 | 1,617 | 3.90% | 1,257 | 2,156 | 808 | 4,221 |
| **Bachelor's Degree** | **Less than 5 years** | **Short-Term On-the-Job Training** | 170 | 181 | 11 | 6.47% | 6 | 10 | 6 | 22 |
| **Bachelor's Degree** | **None** | **Internship/ Residency** | 1,841 | 1,870 | 29 | 1.58% | 51 | 73 | 14 | 138 |
| **Bachelor's Degree** | **None** | **Long-Term On-the-Job Training** | 2,709 | 2,822 | 113 | 5.53% | 90 | 110 | 57 | 257 |
| **Bachelor's Degree** | **None** | **Moderate-Term On-the-Job Training** | 29,538 | 30,592 | 1,054 | 3.57% | 1,020 | 1,749 | 526 | 3,295 |
| **Bachelor's Degree** | **None** | **None** | 141,300 | 145,022 | 3,722 | 2.63% | 4,383 | 6,304 | 1,859 | 12,546 |
| **Bachelor's Degree** | **None** | **Short-Term On-the-Job Training** | 945 | 959 | 14 | 1.48% | 29 | 50 | 7 | 86 |
| **Associate's Degree** | **Less than 5 years** | **None** | 769 | 790 | 21 | 2.73% | 21 | 27 | 10 | 58 |
| **Associate's Degree** | **None** | **Long-Term On-the-Job Training** | 645 | 656 | 11 | 5.53% | 35 | 44 | 5 | 84 |
| **Associate's Degree** | **None** | **Moderate-Term On-the-Job Training** | 1,850 | 1,895 | 45 | 2.43% | 58 | 120 | 22 | 200 |
| **Associate's Degree** | **None** | **None** | 22,607 | 23,211 | 604 | 2.67% | 740 | 1,054 | 301 | 2,095 |
| **Associate's Degree** | **None** | **Short-Term On-the-Job Training** | 252 | 254 | 2 | 0.79% | 7 | 15 | 1 | 23 |
| **Postsecondary Non-Degree Award** | **5 years or more** | **Moderate-Term On-the-Job Training** | 40 | 41 | 1 | 2.50% | 2 | 2 | 0 | 4 |
| **Postsecondary Non-Degree Award** | **Less than 5 years** | **Moderate-Term On-the-Job Training** | 1,050 | 1,070 | 20 | 1.90% | 34 | 38 | 10 | 82 |
| **Postsecondary Non-Degree Award** | **Less than 5 years** | **None** | 322 | 332 | 10 | 3.11% | 16 | 24 | 6 | 46 |
| **Postsecondary Non-Degree Award** | **Less than 5 years** | **Short-Term On-the-Job Training** | 806 | 821 | 15 | 1.86% | 26 | 36 | 8 | 70 |
| **Postsecondary Non-Degree Award** | **None** | **Long-Term On-the-Job Training** | 7,190 | 7,419 | 229 | 5.53% | 203 | 410 | 114 | 727 |
| **Postsecondary Non-Degree Award** | **None** | **Moderate-Term On-the-Job Training** | 1,826 | 1,811 | -15 | -0.82% | 59 | 128 | -7 | 180 |
| **Postsecondary Non-Degree Award** | **None** | **None** | 51,106 | 52,498 | 1,392 | 2.72% | 2,461 | 2,372 | 697 | 5,530 |
| **Postsecondary Non-Degree Award** | **None** | **Short-Term On-the-Job Training** | 42,897 | 44,278 | 1,381 | 3.22% | 1,763 | 2,717 | 690 | 5,170 |
| **Some College, No Degree** | **None** | **Long-term on-the-job training** | 63 | 63 | 0 | 0.00% | 3 | 3 | 0 | 6 |
| **Some College, No Degree** | **None** | **Moderate-term on-the-job training** | 15,921 | 16,169 | 248 | 1.56% | 994 | 771 | 124 | 1,889 |
| **Some College, No Degree** | **None** | **None** | 15,732 | 16,007 | 275 | 1.75% | 729 | 748 | 137 | 1,614 |
| **Some College, No Degree** | **None** | **Short-term on-the-job training** | 1,245 | 1,281 | 36 | 2.89% | 42 | 80 | 18 | 140 |
| **High School Diploma or Equivalent** | **5 years or more** | **Long-Term On-the-Job Training** | 59 | 59 | 0 | 0.00% | 4 | 4 | 0 | 8 |
| **High School Diploma or Equivalent** | **5 years or more** | **Moderate-Term On-the-Job Training** | 819 | 835 | 16 | 1.95% | 40 | 47 | 8 | 95 |
| **High School Diploma or Equivalent** | **5 years or more** | **None** | 68,592 | 69,804 | 1,212 | 1.77% | 3,826 | 1,404 | 606 | 5,836 |
| **High School Diploma or Equivalent** | **Less than 5 years** | **Long-Term On-the-Job Training** | 124 | 122 | -2 | 5.53% | 6 | 8 | -1 | 13 |
| **High School Diploma or Equivalent** | **Less than 5 years** | **Moderate-Term On-the-Job Training** | 4,062 | 4,165 | 103 | 2.54% | 132 | 185 | 52 | 369 |
| **High School Diploma or Equivalent** | **Less than 5 years** | **None** | 87,694 | 89,799 | 2,105 | 2.40% | 3,440 | 5,715 | 1,051 | 10,206 |
| **High School Diploma or Equivalent** | **None** | **Apprenticeship** | 19,486 | 20,064 | 578 | 2.97% | 679 | 1,294 | 288 | 2,261 |
| **High School Diploma or Equivalent** | **None** | **Long-Term On-the-Job Training** | 33,965 | 34,936 | 971 | 5.53% | 1,114 | 1,975 | 485 | 3,574 |
| **High School Diploma or Equivalent** | **None** | **Moderate-Term On-the-Job Training** | 172,099 | 176,956 | 4,857 | 2.82% | 6,693 | 11,201 | 2,426 | 20,321 |
| **High School Diploma or Equivalent** | **None** | **None** | 1,323 | 1,344 | 21 | 1.59% | 76 | 92 | 10 | 178 |
| **High School Diploma or Equivalent** | **None** | **Short-Term On-the-Job Training** | 211,333 | 216,983 | 5,650 | 2.67% | 12,478 | 13,728 | 2,827 | 29,033 |
| **No Formal Educational Credential** | **Less than 5 years** | **Moderate-Term On-the-Job Training** | 10,134 | 10,493 | 359 | 3.54% | 604 | 825 | 180 | 1,609 |
| **No Formal Educational Credential** | **Less than 5 years** | **Short-Term On-the-Job Training** | 86 | 89 | 3 | 3.49% | 2 | 6 | 2 | 10 |
| **No Formal Educational Credential** | **None** | **Long-Term On-the-Job Training** | 1,831 | 1,889 | 58 | 5.53% | 95 | 123 | 28 | 246 |
| **No Formal Educational Credential** | **None** | **Moderate-Term On-the-Job Training** | 16,566 | 17,196 | 630 | 3.80% | 661 | 1,214 | 316 | 2,191 |
| **No Formal Educational Credential** | **None** | **None** | 6 | 7 | 1 | 16.67% | 0 | 0 | 0 | 0 |
| **No Formal Educational Credential** | **None** | **Short-Term On-the-Job Training** | 302,482 | 310,718 | 8,236 | 2.72% | 20,491 | 25,781 | 4,120 | 50,392 |

##### 

##### **Top 15 Content Skills**

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

|  |  |  |
| --- | --- | --- |
| **Skills** | **Total Demand** | **Description** |
| Active Listening | 58,244 | 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 | 57,063 | Talking to others to convey information effectively. |
| Reading Comprehension | 25,900 | Understanding written sentences and paragraphs in work-related documents. |
| Social Perceptiveness | 25,126 | Being aware of others’ reactions and understanding why they react as they do. |
| Monitoring | 15,079 | Monitoring/Assessing performance of yourself, other individuals, or organizations to make improvements or take corrective action. |
| Service Orientation | 14,903 | Actively looking for ways to help people. |
| Writing | 14,792 | Communicating effectively in writing as appropriate for the needs of the audience. |
| Critical Thinking | 14,713 | Using logic and reasoning to identify the strengths and weaknesses of alternative solutions, conclusions or approaches to problems. |
| Coordination | 13,149 | Adjusting actions in relation to others' actions. |
| Instructing | 11,621 | Teaching others how to do something. |
| Judgment and Decision Making | 9,951 | Considering the relative costs and benefits of potential actions to choose the most appropriate one. |
| Learning Strategies | 8,212 | Selecting and using training/instructional methods and procedures appropriate for the situation when learning or teaching new things. |
| Repairing | 4,972 | Repairing machines or systems using the needed tools. |
| Equipment Maintenance | 4,840 | Performing routine maintenance on equipment and determining when and what kind of maintenance is needed. |
| Time Management | 4,789 | Managing one’s own time and the time of others. |

##### **Top 15 Knowledge Domains**

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

|  |  |  |
| --- | --- | --- |
| **Knowledges** | **Total Demand** | **Description** |
| Customer and Personal Service | 124,017 | 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 | 51,818 | Knowledge of the structure and content of the English language, including the meaning and spelling of words, rules of composition, and grammar. |
| Administration and Management | 27,532 | 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. |
| Clerical | 24,532 | 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. |
| Education and Training | 15,449 | Knowledge of principles and methods for curriculum and training design, teaching and instruction for individuals and groups, and the measurement of training effects. |
| Psychology | 12,717 | 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. |
| Sales and Marketing | 12,585 | 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. |
| Mechanical | 11,814 | Knowledge of machines and tools, including their designs, uses, repair, and maintenance. |
| Medicine and Dentistry | 10,652 | 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. |
| Building and Construction | 9,488 | 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 | 8,396 | Knowledge of arithmetic, algebra, geometry, calculus, statistics, and their applications. |
| Production and Processing | 7,108 | Knowledge of raw materials, production processes, quality control, costs, and other techniques for maximizing the effective manufacture and distribution of goods. |
| Computers and Electronics | 6,878 | Knowledge of circuit boards, processors, chips, electronic equipment, and computer hardware and software, including applications and programming. |
| Public Safety and Security | 5,080 | 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. |
| Economics and Accounting | 4,338 | Knowledge of economic and accounting principles and practices, the financial markets, banking and the analysis and reporting of financial data. |

##### **Top 15 Generalized Work Activities**

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

|  |  |  |
| --- | --- | --- |
| **Generalized Work Activities** | **Total Demand** | **Description** |
| Getting Information | 172,179 | Observing, receiving, and otherwise obtaining information from all relevant sources. |
| Communicating with Supervisors, Peers, or Subordinates | 156,796 | Providing information to supervisors, co-workers, and subordinates by telephone, in written form, e-mail, or in person. |
| Making Decisions and Solving Problems | 97,829 | Analyzing information and evaluating results to choose the best solution and solve problems. |
| Interacting With Computers | 89,523 | Using computers and computer systems (including hardware and software) to program, write software, set up functions, enter data, or process information. |
| Performing for or Working Directly with the Public | 87,185 | Performing for people or dealing directly with the public. This includes serving customers in restaurants and stores, and receiving clients or guests. |
| Organizing, Planning, and Prioritizing Work | 71,864 | Developing specific goals and plans to prioritize, organize, and accomplish your work. |
| Documenting/Recording Information | 66,229 | Entering, transcribing, recording, storing, or maintaining information in written or electronic/magnetic form. |
| Identifying Objects, Actions, and Events | 59,173 | Identifying information by categorizing, estimating, recognizing differences or similarities, and detecting changes in circumstances or events. |
| Establishing and Maintaining Interpersonal Relationships | 57,378 | Developing constructive and cooperative working relationships with others, and maintaining them over time. |
| Updating and Using Relevant Knowledge | 51,344 | Keeping up-to-date technically and applying new knowledge to your job. |
| Assisting and Caring for Others | 42,045 | Providing personal assistance, medical attention, emotional support, or other personal care to others such as coworkers, customers, or patients. |
| Monitor Processes, Materials, or Surroundings | 37,217 | Monitoring and reviewing information from materials, events, or the environment, to detect or assess problems. |
| Performing General Physical Activities | 37,209 | Performing physical activities that require considerable use of your arms and legs and moving your whole body, such as climbing, lifting, balancing, walking, stooping, and handling of materials. |
| Evaluating Information to Determine Compliance with Standards | 36,981 | Using relevant information and individual judgment to determine whether events or processes comply with laws, regulations, or standards. |
| Inspecting Equipment, Structures, or Material | 35,891 | Inspecting equipment, structures, or materials to identify the cause of errors or other problems or defects. |

Appendix: Definition of Education/Training Codes

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| **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 | This category signifies that a formal credential issued by an educational institution, such as a high school diploma or postsecondary certificate, is not typically needed for entry into the occupation. |

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

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| **Job Training Code** | **Type of Training** | **Definition** |
| 1 | Apprenticeship | Combination of on-the-job training and related occupation-specific technical instruction in which workers learn the practical and theoretical aspects of an occupation. |
| 2 | Internship/Residency | A formal period of training during which individuals work under the supervision of experienced workers in a professional setting. Internships and residencies are required for state licensure in many fields. |
| 3 | Long-Term On-the-Job Training | Requires more than 12 months of on-the-job training or a combination of work experience and classroom instruction. |
| 4 | Moderate-Term On-the-Job Training | Requires 1 to 12 months of a combination of on-the-job experience and informal training. |
| 5 | Short-Term On-the-Job Training | Requires a short demonstration of job duties or one month or less of on-the-job experience and informal training. |
| 6 | None | No additional training or preparation required. |

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