**ARKANSAS**

**SHORT-TERM INDUSTRY AND OCCUPATIONAL PROJECTIONS**

**2017-2019**

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#### State of Arkansas

Daryl Bassett, Director

Department of Workforce Services

**ARKANSAS**

**SHORT-TERM INDUSTRY AND OCCUPATIONAL PROJECTIONS**

2017-2019

Published By:

Department of Workforce Services

Labor Market Information

Occupational Career Information

“Equal Opportunity Employer/Program”

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John Shelnutt, Department of Finance and Administration

**Definition of Important Terms**

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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**Local Workforce**

**Development Areas**



**NE**

**LR**

**E**

**C**

**SE**

**SW**

**WC**

**NC**

**W**

##### **NW**

**Northwest Arkansas Workforce Development Area**

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

North Central Arkansas Workforce Development Area

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

Northeast Arkansas Workforce Development Area

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

Western Arkansas Workforce Development Area

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

West Central Arkansas Workforce Development Area

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

Central Arkansas Workforce Development Area

Faulkner, Lonoke, Monroe, Prairie, Pulaski outside the city limits of Little Rock, and Saline Counties

City of Little Rock Workforce Development Area

Inside the city limits of Little Rock

Eastern Arkansas Workforce Development Area

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

Southwest Arkansas Workforce Development Area

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

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

Southeast Arkansas Workforce Development Area

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

**Introduction**

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

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

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

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

Information about annual job openings is included in this publication. 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. A detailed description of the new methodology will appear later in this publication.

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

The need for workers to have certain skills has become increasingly important in the labor market. A part of the publication presents the top skills that are in demand, as well as top knowledge domains.

**State of Arkansas Profile**

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

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

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

Arkansas’s population based on the United States Census Bureau estimates was 3,004,279, as of July 1, 2017, which is an increase of 16,031 residents from the July 1, 2016 estimate of 2,988,248. The non-seasonally adjusted average unemployment rate for first quarter 2017 was 4.0 percent, while the seasonally adjusted number was 3.7 percent.

**Methodology**

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

**Data Development**

Data development is accomplished by using the following sources:

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

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

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

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

Industry Projections

A monthly time series is developed at the three- and four-digit NAICS levels from the three sources listed above with a time period of January 1990 to March of the base year 2017. The industry projections in this publication were produced using the *Projections Suite* software, authorized by the U.S. Department of Labor and developed by the Utah Department of Workforce Services. The software has several components to deal with industry projections. First, it allows the analyst to choose from a list of national and state variables to determine a state leading index, which is a list of variables that, when factored together, helps predict changes in the state employment figures. National economic variables are also provided. State variables are labor force data, such as civilian labor force and unemployment rate, major industry division (CES) totals, nonfarm employment, building permits, manufacturing hours, natural gas prices, air passenger data, and a composite index.

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

Occupational Projections

Occupational projections are produced by merging industries and occupations together into an industry-occupational matrix. This matrix is a table showing the occupational pattern of each industry (i.e., the ratios of employment by occupation in a specific industry). The statewide matrix is based on the Bureau of Labor Statistics’ Occupational Employment Statistics (OES) survey and uses a Standard Occupational Classification (SOC) code for each occupation. It uses the May 2016 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 2019. While every attempt is made to incorporate current and near-future events, such as business closings, corporate layoffs, openings, and expansions, it’s not possible to know everything that might happen. Events that may take place after the projection period or announcements concerning closings, layoffs, openings, and expansions known after projections were completed are not reflected in the forecasts. Also, legislative policy could cause employment to change. Events such as these will likely cause the actual employment numbers to vary significantly from these projections.

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

EXPLANATION OF INDUSTRY PROJECTIONS DATA

ARKANSAS-STATEWIDE

2017-2019

| **NAICS Code** | **NAICS Title** | **2017 Estimated Employment** | **2019 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 2017 | | The projected number of jobs expected to be in an industry in 2019 | Total number of jobs an industry is expected to gain or lose over the 2017 to 2019 period | Percent change in the number of jobs in an industry over the 2017 to 2019 period |

2017-2019 Arkansas Statewide Industry Projections by Major Division

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **NAICS Code** | **North American Industry Classification System Title** | **2017**  **Estimated Employment** | **2019 Projected Employment** | **Numeric Change** | **Percent Change** |
| **000000** | **TOTAL ALL INDUSTRIES** | **1,380,666** | **1,413,430** | **32,764** | **2.37%** |
| *000671* | *Total Self Employed and Unpaid Family Workers, All Jobs* | *130,938* | *133,342* | *2,404* | *1.84%* |
| 006010 | Self Employed Workers, All Jobs | 126,180 | 128,961 | 2,781 | 2.20% |
| 007010 | Unpaid Family Workers, All Jobs | 4,758 | 4,381 | -377 | -7.92% |
| 101000 | Goods Producing | 233,188 | 237,302 | 4,114 | 1.76% |
| **101100** | **NATURAL RESOURCES AND MINING** | **27,396** | **27,206** | **-190** | **-0.69%** |
| 110000 | Agriculture, Forestry, Fishing and Hunting | 23,682 | 23,711 | 29 | 0.12% |
| 210000 | Mining | 3,714 | 3,495 | -219 | -5.90% |
| **101200** | **CONSTRUCTION** | **49,678** | **52,005** | **2,327** | **4.68%** |
| **101300** | **MANUFACTURING** | **156,114** | **158,091** | **1,977** | **1.27%** |
|  | ***Non-Durable Goods Manufacturing*** | ***81,649*** | ***83,570*** | ***1,921*** | ***2.35%*** |
|  | ***Durable Goods Manufacturing*** | ***74,465*** | ***74,521*** | ***56*** | ***0.08%*** |
| 102000 | Services Providing | 1,016,540 | 1,042,786 | 26,246 | 2.58% |
| **102100** | **TRADE, TRANSPORTATION, AND UTILITIES** | **248,588** | **252,093** | **3,505** | **1.41%** |
| 420000 | Wholesale Trade | 46,567 | 47,166 | 599 | 1.29% |
| 440000 | Retail Trade | 139,894 | 141,172 | 1,278 | 0.91% |
| 480000 | Transportation and Warehousing | 54,480 | 56,130 | 1,650 | 3.03% |
| 220000 | Utilities | 7,647 | 7,625 | -22 | -0.29% |
| **102200** | **INFORMATION** | **13,352** | **13,472** | **120** | **0.90%** |
| **102300** | **FINANCIAL ACTIVITIES** | **52,570** | **54,512** | **1,942** | **3.69%** |
| 520000 | Finance and Insurance | 39,537 | 41,110 | 1,573 | 3.98% |
| 530000 | Real Estate and Rental and Leasing | 13,033 | 13,402 | 369 | 2.83% |
| **102400** | **PROFESSIONAL AND BUSINESS SERVICES** | **142,809** | **147,827** | **5,018** | **3.51%** |
| 540000 | Professional, Scientific, and Technical Services | 43,299 | 44,801 | 1,502 | 3.47% |
| 550000 | Management of Companies and Enterprises | 35,989 | 37,128 | 1,139 | 3.16% |
| 560000 | Administrative and Support and Waste Management and Remediation Services | 63,521 | 65,898 | 2,377 | 3.74% |
| **102500** | **EDUCATION AND HEALTH SERVICES** | **300,055** | **309,138** | **9,083** | **3.03%** |
| 610000 | Educational Services | 115,145 | 116,888 | 1,743 | 1.51% |
| 620000 | Health Care and Social Assistance | 184,910 | 192,250 | 7,340 | 3.97% |
| **102600** | **LEISURE AND HOSPITALITY** | **112,886** | **116,914** | **4,028** | **3.57%** |
| 710000 | Arts, Entertainment, and Recreation | 9,974 | 10,449 | 475 | 4.76% |
| 720000 | Accommodation and Food Services | 102,912 | 106,465 | 3,553 | 3.45% |
| **102700** | **OTHER SERVICES (EXCEPT GOVERNMENT)** | **51,869** | **53,459** | **1,590** | **3.07%** |
| **102800** | **GOVERNMENT** | **94,411** | **95,371** | **960** | **1.02%** |

**Industry Outlook**

Between first quarter 2016 and first quarter 2017, an increase of just 9,624 jobs was seen in the Arkansas economy, which translates to a 0.81 percent increase in jobs. The job market is expected to continue this growth with an increase of 32,764 jobs, equivalent to a 2.37 percent rise in employment by 2019. Goods-Producing industries are estimated to see a net gain of 4,114 jobs, while the Services-Providing industries are forecast to increase employment by 26,246. Arkansas’s self-employed and unpaid family workers ranks are estimated to experience a net gain of 2,404, an increase of 1.84 percent.

**Natural Resources and Mining**

Employment in **Natural Resources and Mining** is expected to fall by 190 jobs, or 0.69 percent. The significant source of the decline is in the **Mining** sector, which is expected to lose 219 jobs, or 5.90 percent of its workforce. A significant drop in investment in Fayetteville Shale natural gas activities is a major contributor to this loss. A small percentage may return but the industry is not likely to return to employment levels it had in its prime. *Support Activities for Mining* could be the major contributor to the loss with 198 jobs projected to be cut, a decline of 15.18 percent, placing it in the Top 10 of both the Top 25 Declining Industries and the Top 25 Fastest Declining Industries lists. *Oil and Gas Extraction* is predicted to lose 77, or 9.96 percent of its workforce. These two industries have lost 865 jobs between first quarter 2016 and first quarter 2017. The **Agriculture, Forestry, Fishing and Hunting** sector is projected to soften the loss some with a net gain of 29 jobs. *Crop Production* is anticipating a loss of 156 jobs, while *Animal Production* could see a gain off 223.

**Construction**  
**Construction** is expected to grow by 2,327 jobs between 2017 and 2019. Its projected growth of 4.68 percent is highest in the state among the supersectors. The *Specialty Trade Contractors* subsector is estimated to gain 1,598 jobs during the projection period, or 68.67 percent of the total growth in **Construction.** Building Equipment Contractors could account for 1,296 of those jobs, placing third in the Top 20 Growing Industries list. Other Heavy and Civil Engineering Construction is placing third on the Top 20 Growing Industries list with a 17.66 percent gain, while Highway, Street, and Bridge Construction is predicted to place seventh with a 13.58 percent change. The *Construction of Buildings* subsector is predicted to experience a slow gain with 90 new jobs, a growth of less than one percent, while *Heavy and Civil Engineering Construction* could add a modest 639 jobs, a 7.26 percent rise in employment.

**Non-Durable Goods Manufacturing**  
**Non-Durable Goods Manufacturing** is projected to experience a net gain of 1,921 jobs. *Food Manufacturing* is the biggest driver of the growth with an anticipated gain of 1,970 jobs. Animal Slaughtering and Processing could see strong growth during the projection period with an anticipated increase of 1,261 jobs, placing it among the Top 10 on the Top 20 Growing Industries list. Animal Food Manufacturing is predicted to gain 15.46 percent, placing the industry fifth on the Top 20 Fastest Growing Industries list for the state. Other highlights in **Non-Durable Goods Manufacturing** includePharmaceutical and Medicine Manufacturing placing as the second fastest growing industry in the state with a projected gain of 18.01 percent. Not all areas in **Non-Durable Goods Manufacturing** are seeing a favorable outlook. *Leather and Allied Product Manufacturing* could lose nearly a quarter of its workforce with a 25.45 percent employment decline. Footwear Manufacturing is estimated to lose 252 jobs or 30.77 percent of its workforce, placing fourth in both the Top 20 Declining Industries and the Top 20 Fastest Declining Industries list. *Paper Manufacturing* is estimated to lose an additional 193 jobs, 2.05 percent of its workforce.

**Durable Goods Manufacturing**

**Durable Goods Manufacturing** is forecast to see a mixed outlook between 2017 and 2019 with a net gain of just 56 jobs. The brightest outlook could come in *Transportation Equipment Manufacturing* with a gain of 641 jobs, an increase of 4.71 percent. Ship and Boat Building is estimated to increase by more than ten percent and places in the Top 20 Fastest Growing Industries list. Other strong growth industries include Architectural and Structural Metals Manufacturing, which is estimated to be the top growing industry among **Durable Goods Manufacturing.** Seven industries in **Durable Goods Manufacturing** are included in the Top 20 Declining Industries list. Ventilation, Heating, Air-Conditioning, and Commercial Refrigeration Equipment Manufacturing and Electrical Equipment Manufacturing are estimated to lose a combined 618 jobs, placing second and third respectively in the state for net decline. Twelve industries in **Durable Goods Manufacturing** are among the Top 20 Fastest Declining Industries. Household Appliance Manufacturing could be the fastest declining industry in the state with a projected loss of 48.84 percent of its workforce. In all, 17 of the 20 industries on the Top 20 Declining Industries list are expected to lose more than 10 percent of its respective workforce with an average of more than 20 percent.

**Wholesale Trade**

The **Wholesale Trade** sector is projected to have a net gain of 599 jobs, a 1.29 percent increase. *Wholesale Electronic Markets and Agents and Brokers* is predicted to be the highlight of this sector adding 629 jobs, an increase of 5.34 percent to the Arkansas labor market, placing the industry in the Top 20 Growing Industries list. The other subsectors in **Wholesale Trade**are forecast to experience net losses with *Merchant Wholesalers, Durable Goods* experiencing a net loss of four jobs, while *Merchant Wholesalers, Nondurable Goods* is expected to lose 26 jobs. Machinery, Equipment, and Supplies Merchant Wholesalers is projected to lose 205 jobs, or 3.16 percent of its workforce, placing it in the Top 10 of the Top 20 Declining Industries list.   
  
**Retail Trade**

**Retail Trade** is projected to see a mixed outlook, but manage to add a modest 1,271 jobs, a growth of less than one percent.Department Stores has seen a major loss of retail establishments recently and is projected to be the top declining industry in the state losing 430 jobs between the first quarter of 2017 to the first quarter of 2019. Other General Merchandise Stores is expected to gain jobs at a much slower rate, but is expected to gain 842 jobs. The top subsector is estimated to be *Motor Vehicle and Parts Dealers* with a net gain of 505 new jobs. *Miscellaneous Store Retailers* is estimated to lose the most among Retail Trade subsectors losing 226 jobs, or 3.20 percent of its workforce. Driving this decline is likely a loss in Office Supplies, Stationery, and Gift Stores losing 201 jobs, a 12.14 percent decline placing them eighth   
in net decline and included in the Top 20 Fastest Declining Industries list. Electronics and Appliance Stores is also forecast to see losses with a decline of 167, a 4.61 percent decline of its workforce.

**Transportation and Warehousing**

The **Transportation and Warehousing** sector is predicted to have a net gain of 1,650 jobs over the projection period. *Truck Transportation* is projected to lead all subsectors in this sector with 747 new jobs. Driving this growth is General Freight Trucking with a gain of 646. *Support Activities for Transportation* is estimated to add an additional 428 jobs to its workforce. Support Activities for Rail Transportation is predicted to be the fastest growing industry in the state raising employment by 42.35. On the negative side, *Pipeline Transportation* could see a drop of 50 jobs, or 11.79 percent of its workforce.

**Utilities**

The **Utilities** sector could see a drop in employment by March 2019 with a loss of 22 jobs, or 0.29 percent of its workforce. Electric Power Generation, Transmission and Distribution is estimated to lose 16 jobs, while Natural Gas Distribution could take the brunt of the loss with a decline of 36 jobs, or 3.38 percent of its workforce. Water, Sewage and Other Systems could offset the loss a bit with a gain of 30 new jobs to its workforce.

**Information**

**Information** is expected to experience a small growth of 120 new jobs, an increase of less than one percent. *Data Processing, Hosting and Related Services* is slated to add 101 new jobs between 2017 and 2019. The *Telecommunications* subsector is expected to lose 64 jobs during the projection period. Sound Recording Industries, of the Motion Picture and Sound Recording Industries subsector, could be the fifth fastest declining industry losing more than 30 percent of its workforce.

**Finance and Insurance**

The **Finance and Insurance** sector is predicted to experience a net gain of 1,573 jobs between 2017 and 2019, a 3.98 percent rise in employment. *Insurance Carriers and Related Activities* could see a rise in employment over the 2017-2019 period with 1,257 new jobs. Insurance Carriers are likely to drive this growth adding 1,290 jobs, or 13.57 percent increase, placing the industry fourth in the Top 20 Growing Industries list and eighth in the Top 20 Fastest Growing Industries list. *Credit Intermediation and Related Activities* could see a net gain of 211 new jobs.

**Real Estate and Rental and Leasing**

The **Real Estate and Rental and Leasing** sector is expected to see a net gain of 369 jobs during the projection period, equivalent to a 2.83 percent increase. The *Real Estate* subsector is predicted to dominate the growth in the sector adding 267 new jobs to its workforce, while the *Rental and Leasing Services* subsector is predicted to gain 119 jobs. Automotive Equipment Rental and Leasing is slated to add 139 jobs, an increase of 13.96 percent, placing the industry sixth on the Top 20 Fastest Growing Industries list. On the negative side, *Lessors of Nonfinancial Intangible Assets (except Copyrighted Works)* could be the second fastest declining industry in the state losing 36.96 percent of its workforce.

**Professional, Scientific, and Technical Services**

The **Professional, Scientific, and Technical Services** sector is predicted to add 1,502 new jobs, an increase of 3.47 percent. Architectural, Engineering, and Related Services is estimated to be the top and fastest growing industry in this subsector adding 516 new jobs, an increase of 8.05 percent. Specialized Design Services is slated to lose jobs, cutting 49 from its workforce, or 12.63 percent, and making the Top 20 Fastest Declining Industries list.

**Management of Companies and Enterprises**

Between first quarter 2016 and first quarter 2017, the **Management of Companies and Enterprises** sector experienced a growth of 1,583 new jobs. The industry is estimated to continue strong growth during the projection period with 1,139 new jobs, a 3.16 percent increase. The industry is seventh in the Top 20 Growing industries list.

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

The **Administrative and Support and Waste Management and Remediation Services** sector is projected to account for 2,377 new jobs, a 3.74 percent increase during the projection period. The majority of the job growth is likely to come in the *Administrative and Support Services* subsector, which is estimated to add 2,201 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 659 new jobs, while Services to Buildings and Dwellings is anticipated to add 624 to its workforce. *Waste Management and Remediation Services* is predicted to have a gain of 176 jobs between 2017 and 2019.

**Educational Services**

The **Educational Services** sector is predicted to experience a net gain of 1,743 jobs during the projection period. Elementary and Secondary Schools could see a gain 1,072, placing the industry in the Top 10 of the Top 20 Growing Industries list, while Colleges, Universities, and Professional Schools is estimated to add 673 jobs to its workforce. On the negative side, Technical and Trade Schools as well as Junior Colleges could see a reduction in the workforce with losses of 72 and 64 jobs respectively.

**Health Care and Social Assistance**

The **Health Care and Social Assistance** sector is projected to add 7,340 jobs, making it the top growing industry sector in the state and responsible for more than 80 percent of the growth in **Education and Health Services,** which is expected to be the top growing supersector with an increase of 9,083 jobs. The *Ambulatory Health Care Services* subsector is estimated to add 2,769 jobs to the Arkansas labor market, while *Hospitals* is predicted to add a total of 1,963 to its workforce. Offices of Physicians is estimated to add 1,021 new jobs placing it among the Top 10 on the Top 20 Growing Industries list. General Medical and Surgical Hospitals is estimated to experience the second highest growth with a gain of 1,703. The *Social Assistance* subsector is projected to have a net gain of 1,485 jobs, while *Nursing and Residential Care Facilities* is projected to add 1,123. Individual and Family Services is third in net change in **Health Care and Social Assistance** and tenth overall in the state with an anticipated growth of 915 jobs.

**Arts, Entertainment, and Recreation**

The **Arts, Entertainment, and Recreation** sector is projected to experience a net gain of 475 jobs. Almost 75 percent of the growth is likely to come in *Amusement, Gambling, and Recreation Industries*, which is projected to gain 354 jobs between 2017 and 2019, while *Performing Arts, Spectator Sports, and Related Industries* is predicted to have a net gain of 68 jobs. Other Amusement and Recreation Industries is predicted to add 354 jobs to the labor force, an increase of 5.54 percent. *Museums, Historical Sites, and Similar Institutions* could be included in the Top 20 Fastest Growing Industries list with an 8.47 percent rise in employment. Performing Arts Companies is predicted to lose 10.86 percent of its workforce making the Top 20 Fastest Declining Industries list.

**Accommodation and Food Services**

The **Accommodation and Food Services** sector will likely see most of the growth that is projected to occur in the **Leisure and Hospitality** supersector with an increase of 3,553 jobs. The *Food Services and Drinking Places* subsector will likely drive the growth with a net gain of 3,331 jobs. Restaurants and Other Eating Places is projected to be the top growing industry in the state with a gain of 3,004 jobs. The industry added 2,781 jobs between first quarter 2016 and first quarter 2017. *Accommodation, including Hotels and Motels* could gain an additional 222 jobs during the projection period.

**Other Services (Except Government)**

The **Other Services** (**Except** **Government**) supersector is expected to experience a net gain of 1,590 jobs between 2017 and 2019. *Religious, Grantmaking, Civic, Professional, and Similar Organizations* is predicted to experience a net gain of 1,313 jobs, while *Repair and Maintenance* is projected to see a net gain of 532 jobs. Religious Organizations is the top growing industry in **Other Services (Except Government)** with an anticipated 1,287 new jobs. Private Households is estimated to lose 225 jobs, or 6.24 percent of its workforce.

**Government**

The **Government** supersector is projected to see a net gain of 960 jobs during the projection period. Local Government, Excluding Education and Hospitals is predicted to have the brightest outlook with 828 new jobs, while State Government, Excluding Education and Hospitals could add 154. Federal Government, Excluding Post Office could see a loss of 153 jobs during the projection period, while Postal Service could see an increase of 131 jobs.

Top 20 Growing Industries by Numeric Change

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **NAICS Code** | **NAICS Title** | **2017 Estimated Employment** | **2019 Projected Employment** | **Numeric Change** | **Percent Change** |
| 722500 | Restaurants and Other Eating Places | 86,725 | 89,729 | **3,004** | 3.46% |
| 622100 | General Medical and Surgical Hospitals | 51,927 | 53,630 | **1,703** | 3.28% |
| 238200 | Building Equipment Contractors | 16,998 | 18,294 | **1,296** | 7.62% |
| 524100 | Insurance Carriers | 9,505 | 10,795 | **1,290** | 13.57% |
| 813100 | Religious Organizations | 19,533 | 20,820 | **1,287** | 6.59% |
| 311600 | Animal Slaughtering and Processing | 31,341 | 32,602 | **1,261** | 4.02% |
| *551000* | *Management of Companies and Enterprises* | *35,989* | *37,128* | ***1,139*** | *3.16%* |
| 611100 | Elementary and Secondary Schools | 77,617 | 78,689 | **1,072** | 1.38% |
| 621100 | Offices of Physicians | 24,430 | 25,451 | **1,021** | 4.18% |
| 624100 | Individual and Family Services | 24,382 | 25,297 | **915** | 3.75% |
| 452900 | Other General Merchandise Stores | 31,493 | 32,335 | **842** | 2.67% |
| 999300 | Local Government, Excluding Education and Hospitals | 39,886 | 40,714 | **828** | 2.08% |
| 623100 | Nursing Care Facilities (Skilled Nursing Facilities) | 22,716 | 23,400 | **684** | 3.01% |
| 611300 | Colleges, Universities, and Professional Schools | 27,090 | 27,763 | **673** | 2.48% |
| 561300 | Employment Services | 26,508 | 27,167 | **659** | 2.49% |
| 621300 | Offices of Other Health Practitioners | 8,562 | 9,209 | **647** | 7.56% |
| 484100 | General Freight Trucking | 24,818 | 25,464 | **646** | 2.60% |
| *425000* | *Wholesale Electronic Markets and Agents and Brokers* | *11,770* | *12,399* | ***629*** | *5.34%* |
| 561700 | Services to Buildings and Dwellings | 14,308 | 14,932 | **624** | 4.36% |
| 541300 | Architectural, Engineering, and Related Services | 6,410 | 6,926 | **516** | 8.05% |

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

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **NAICS Code** | **NAICS Title** | **2017 Estimated Employment** | **2019 Projected Employment** | **Numeric Change** | **Percent Change** |
| 488200 | Support Activities for Rail Transportation | 614 | 874 | 260 | **42.35%** |
| 325400 | Pharmaceutical and Medicine Manufacturing | 433 | 511 | 78 | **18.01%** |
| 237900 | Other Heavy and Civil Engineering Construction | 668 | 786 | 118 | **17.66%** |
| 485900 | Other Transit and Ground Passenger Transportation | 780 | 907 | 127 | **16.28%** |
| 311100 | Animal Food Manufacturing | 1,766 | 2,039 | 273 | **15.46%** |
| 532100 | Automotive Equipment Rental and Leasing | 996 | 1,135 | 139 | **13.96%** |
| 237300 | Highway, Street, and Bridge Construction | 3,055 | 3,470 | 415 | **13.58%** |
| 524100 | Insurance Carriers | 9,505 | 10,795 | 1,290 | **13.57%** |
| 561200 | Facilities Support Services | 1,075 | 1,217 | 142 | **13.21%** |
| 711400 | Agents and Managers for Artists, Athletes, Entertainers, and Other Public Figures | 52 | 58 | 6 | **11.54%** |
| 336600 | Ship and Boat Building | 1,947 | 2,144 | 197 | **10.12%** |
| 481100 | Scheduled Air Transportation | 607 | 668 | 61 | **10.05%** |
| 333900 | Other General Purpose Machinery Manufacturing | 2,465 | 2,702 | 237 | **9.61%** |
| 813200 | Grantmaking and Giving Services | 1,499 | 1,643 | 144 | **9.61%** |
| 331100 | Iron and Steel Mills and Ferroalloy Manufacturing | 2,835 | 3,101 | 266 | **9.38%** |
| 327400 | Lime and Gypsum Product Manufacturing | 295 | 322 | 27 | **9.15%** |
| 711300 | Promoters of Performing Arts, Sports, and Similar Events | 619 | 673 | 54 | **8.72%** |
| 488900 | Other Support Activities for Transportation | 106 | 115 | 9 | **8.49%** |
| *712000* | *Museums, Historical Sites, and Similar Institution* | *626* | *679* | *53* | ***8.47%*** |
| 333200 | Industrial Machinery Manufacturing | 691 | 749 | 58 | **8.39%** |

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

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **NAICS Code** | **NAICS Title** | **2017 Estimated Employment** | **2019 Projected Employment** | **Numeric Change** | **Percent Change** |
| 452100 | Department Stores | 7,805 | 7,375 | **-430** | -5.51% |
| 333400 | Ventilation, Heating, Air-Conditioning, and Commercial Refrigeration Equipment Manufacturing | 2,956 | 2,609 | **-347** | -11.74% |
| 335300 | Electrical Equipment Manufacturing | 3,128 | 2,857 | **-271** | -8.66% |
| 316200 | Footwear Manufacturing | 819 | 567 | **-252** | -30.77% |
| *814000* | *Private Households* | *3,608* | *3,383* | ***-225*** | *-6.24%* |
| 423800 | Machinery, Equipment, and Supplies Merchant Wholesalers | 6,497 | 6,292 | **-205** | -3.16% |
| 336400 | Aerospace Product and Parts Manufacturing | 3,126 | 2,925 | **-201** | -6.43% |
| 453200 | Office Supplies, Stationery, and Gift Stores | 1,656 | 1,455 | **-201** | -12.14% |
| *213000* | *Support Activities for Mining* | *1,304* | *1,106* | ***-198*** | *-15.18%* |
| 311400 | Fruit and Vegetable Preserving and Specialty Food Manufacturing | 4,214 | 4,022 | **-192** | -4.56% |
| 332200 | Cutlery and Handtool Manufacturing | 571 | 386 | **-185** | -32.40% |
| 337200 | Office Furniture (including Fixtures) Manufacturing | 570 | 403 | **-167** | -29.30% |
| *443000* | *Electronics and Appliance Stores* | *3,621* | *3,454* | ***-167*** | *-4.61%* |
| 331500 | Foundries | 1,687 | 1,530 | **-157** | -9.31% |
| *111000* | *Crop Production* | *8,123* | *7,967* | ***-156*** | *-1.92%* |
| 236200 | Nonresidential Building Construction | 6,424 | 6,271 | **-153** | -2.38% |
| 999100 | Federal Government, Excluding Post Office | 14,763 | 14,610 | **-153** | -1.04% |
| 812300 | Drycleaning and Laundry Services | 2,308 | 2,168 | **-140** | -6.07% |
| 331200 | Steel Product Manufacturing from Purchased Steel | 1,775 | 1,652 | **-123** | -6.93% |
| 813900 | Business, Professional, Labor, Political, and Similar Organizations | 4,240 | 4,122 | **-118** | -2.78% |

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

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **NAICS Code** | **NAICS Title** | **2017 Estimated Employment** | **2019 Projected Employment** | **Numeric Change** | **Percent Change** |
| 335200 | Household Appliance Manufacturing | 43 | 22 | -21 | -48.84% |
| *533000* | *Lessors of Nonfinancial Intangible Assets (except Copyrighted Works)* | *46* | *29* | *-17* | *-36.96%* |
| 332200 | Cutlery and Handtool Manufacturing | 571 | 386 | -185 | -32.40% |
| 316200 | Footwear Manufacturing | 819 | 567 | -252 | -30.77% |
| 512200 | Sound Recording Industries | 23 | 16 | -7 | -30.43% |
| 337200 | Office Furniture (including Fixtures) Manufacturing | 570 | 403 | -167 | -29.30% |
| 337900 | Other Furniture Related Product Manufacturing | 93 | 72 | -21 | -22.58% |
| 331400 | Nonferrous Metal (except Aluminum) Production and Processing | 376 | 298 | -78 | -20.74% |
| *213000* | *Support Activities for Mining* | *1,304* | *1,106* | *-198* | *-15.18%* |
| 481200 | Nonscheduled Air Transportation | 70 | 60 | -10 | -14.29% |
| 327900 | Other Nonmetallic Mineral Product Manufacturing | 407 | 353 | -54 | -13.27% |
| 541400 | Specialized Design Services | 388 | 339 | -49 | -12.63% |
| 453200 | Office Supplies, Stationery, and Gift Stores | 1,656 | 1,455 | -201 | -12.14% |
| 331300 | Alumina and Aluminum Production | 970 | 853 | -117 | -12.06% |
| 333400 | Ventilation, Heating, Air-Conditioning, and Commercial Refrigeration Equipment Manufacturing | 2,956 | 2,609 | -347 | -11.74% |
| 711100 | Performing Arts Companies | 359 | 320 | -39 | -10.86% |
| 332400 | Boiler, Tank, and Shipping Container Manufacturing | 658 | 592 | -66 | -10.03% |
| *211000* | *Oil and Gas Extraction* | *773* | *696* | *-77* | *-9.96%* |
| 331500 | Foundries | 1,687 | 1,530 | -157 | -9.31% |
| 453100 | Florists | 647 | 588 | -59 | -9.12% |

| **NAICS Code** | **North American Industry Classification System Title** | **2017 Estimated Employment** | **2019 Projected Employment** | **Numeric Change** | **Percent Change** |
| --- | --- | --- | --- | --- | --- |
| **000000** | **TOTAL ALL INDUSTRIES** | **1,380,666** | **1,413,430** | **32,764** | **2.37%** |
|  |  |  |  |  |  |
| ***000671*** | ***Total Self Employed and Unpaid Family Workers, All Jobs*** | ***130,938*** | ***133,342*** | ***2,404*** | ***1.84%*** |
| *006010* | *Self Employed Workers, All Jobs* | *126,180* | *128,961* | *2,781* | *2.20%* |
| *007010* | *Unpaid Family Workers, All Jobs* | *4,758* | *4,381* | *-377* | *-7.92%* |
|  |  |  |  |  |  |
| 101000 | Goods Producing | 233,188 | 237,302 | 4,114 | 1.76% |
|  |  |  |  |  |  |
| **101100** | **NATURAL RESOURCES AND MINING** | **27,396** | **27,206** | **-190** | **-0.69%** |
|  |  |  |  |  |  |
| **110000** | **Agriculture, Forestry, Fishing and Hunting** | **23,682** | **23,711** | **29** | **0.12%** |
| *111000* | *Crop Production* | *8,123* | *7,967* | *-156* | *-1.92%* |
| *112000* | *Animal Production* | *7,363* | *7,586* | *223* | *3.03%* |
| *115000* | *Support Activities for Agriculture and Forestry* | *5,716* | *5,718* | *2* | *0.03%* |
|  | *OTHER* | *2,480* | *2,440* | *-40* | *-1.61%* |
|  |  |  |  |  |  |
| **210000** | **Mining** | **3,714** | **3,495** | **-219** | **-5.90%** |
| *211000* | *Oil and Gas Extraction* | *773* | *696* | *-77* | *-9.96%* |
| *212000* | *Mining (except Oil and Gas)* | *1,637* | *1,693* | *56* | *3.42%* |
| *213000* | *Support Activities for Mining* | *1,304* | *1,106* | *-198* | *-15.18%* |
|  |  |  |  |  |  |
| **101200** | **CONSTRUCTION** | **49,678** | **52,005** | **2,327** | **4.68%** |
|  |  |  |  |  |  |
| *236000* | *Construction of Buildings* | *9,630* | *9,720* | *90* | *0.93%* |
| 236100 | Residential Building Construction | 3,206 | 3,449 | 243 | 7.58% |
| 236200 | Nonresidential Building Construction | 6,424 | 6,271 | -153 | -2.38% |
| *237000* | *Heavy and Civil Engineering Construction* | *8,807* | *9,446* | *639* | *7.26%* |
| 237100 | Utility System Construction | 4,993 | 5,105 | 112 | 2.24% |
| 237200 | Land Subdivision | 91 | 85 | -6 | -6.59% |
| 237300 | Highway, Street, and Bridge Construction | 3,055 | 3,470 | 415 | 13.58% |
| 237900 | Other Heavy and Civil Engineering Construction | 668 | 786 | 118 | 17.66% |
| *238000* | *Specialty Trade Contractors* | *31,241* | *32,839* | *1,598* | *5.12%* |
| 238100 | Foundation, Structure, and Building Exterior Contractors | 5,893 | 6,138 | 245 | 4.16% |
| 238200 | Building Equipment Contractors | 16,998 | 18,294 | 1,296 | 7.62% |
| 238300 | Building Finishing Contractors | 3,924 | 3,834 | -90 | -2.29% |
| 238900 | Other Specialty Trade Contractors | 4,426 | 4,573 | 147 | 3.32% |
| **101300** | **MANUFACTURING** | **156,114** | **158,091** | **1,977** | **1.27%** |
|  | **Non-Durable Goods Manufacturing** | **81,649** | **83,570** | **1,921** | **2.35%** |
| *311000* | *Food Manufacturing* | *46,514* | *48,484* | *1,970* | *4.24%* |
| 311100 | Animal Food Manufacturing | 1,766 | 2,039 | 273 | 15.46% |
| 311200 | Grain and Oilseed Milling | 2,670 | 2,835 | 165 | 6.18% |
| 311400 | Fruit and Vegetable Preserving and Specialty Food Manufacturing | 4,214 | 4,022 | -192 | -4.56% |
| 311600 | Animal Slaughtering and Processing | 31,341 | 32,602 | 1,261 | 4.02% |
| 311800 | Bakeries and Tortilla Manufacturing | 3,805 | 4,081 | 276 | 7.25% |
| 311900 | Other Food Manufacturing | 2,115 | 2,277 | 162 | 7.66% |
|  | Other | 603 | 628 | 25 | 4.15% |
| *312000* | *Beverage and Tobacco Product Manufacturing* | *1,419* | *1,493* | *74* | *5.21%* |
| *313000* | *Textile Mills* | *113* | *127* | *14* | *12.39%* |
| *314000* | *Textile Product Mills* | *986* | *1,022* | *36* | *3.65%* |
| 314100 | Textile Furnishings Mills | 35 | 36 | 1 | 2.86% |
| 314900 | Other Textile Product Mills | 951 | 986 | 35 | 3.68% |
| *315000* | *Apparel Manufacturing* | *888* | *906* | *18* | *2.03%* |
| 315100 | Apparel Knitting Mills | 640 | 672 | 32 | 5.00% |
|  | Other | 248 | 234 | -14 | -5.65% |
| *316000* | *Leather and Allied Product Manufacturing* | *1,010* | *753* | *-257* | *-25.45%* |
| 316200 | Footwear Manufacturing | 819 | 567 | -252 | -30.77% |
| 316900 | Other Leather and Allied Product Manufacturing | 191 | 186 | -5 | -2.62% |
| *322000* | *Paper Manufacturing* | *9,425* | *9,232* | *-193* | *-2.05%* |
| 322100 | Pulp, Paper, and Paperboard Mills | 3,740 | 3,631 | -109 | -2.91% |
| 322200 | Converted Paper Product Manufacturing | 5,685 | 5,601 | -84 | -1.48% |
| *323000* | *Printing and Related Support Activities* | *3,970* | *3,898* | *-72* | *-1.81%* |
| *324000* | *Petroleum and Coal Products Manufacturing* | *1,240* | *1,319* | *79* | *6.37%* |
| *325000* | *Chemical Manufacturing* | *5,327* | *5,435* | *108* | *2.03%* |
| 325100 | Basic Chemical Manufacturing | 1,810 | 1,796 | -14 | -0.77% |
| 325200 | Resin, Synthetic Rubber, and Artificial Synthetic Fibers and Filaments Manufacturing | 474 | 445 | -29 | -6.12% |
| 325300 | Pesticide, Fertilizer, and Other Agricultural Chemical Manufacturing | 453 | 436 | -17 | -3.75% |
| 325400 | Pharmaceutical and Medicine Manufacturing | 433 | 511 | 78 | 18.01% |
| 325500 | Paint, Coating, and Adhesive Manufacturing | 247 | 229 | -18 | -7.29% |
| 325600 | Soap, Cleaning Compound, and Toilet Preparation Manufacturing | 1,206 | 1,262 | 56 | 4.64% |
| 325900 | Other Chemical Product and Preparation Manufacturing | 704 | 756 | 52 | 7.39% |
| *326000* | *Plastics and Rubber Products Manufacturing* | *10,757* | *10,901* | *144* | *1.34%* |
| 326100 | Plastics Product Manufacturing | 6,631 | 6,857 | 226 | 3.41% |
| 326200 | Rubber Product Manufacturing | 4,126 | 4,044 | -82 | -1.99% |
|  | **Durable Goods Manufacturing** | **74,465** | **74,521** | **56** | **0.08%** |
| *321000* | *Wood Product Manufacturing* | *9,519* | *9,720* | *201* | *2.11%* |
| 321100 | Sawmills and Wood Preservation | 4,553 | 4,721 | 168 | 3.69% |
| 321200 | Veneer, Plywood, and Engineered Wood Product Manufacturing | 1,826 | 1,752 | -74 | -4.05% |
| 321900 | Other Wood Product Manufacturing | 3,140 | 3,247 | 107 | 3.41% |
| *327000* | *Nonmetallic Mineral Product Manufacturing* | *3,554* | *3,552* | *-2* | *-0.06%* |
| 327100 | Clay Product and Refractory Manufacturing | 457 | 475 | 18 | 3.94% |
| 327200 | Glass and Glass Product Manufacturing | 347 | 332 | -15 | -4.32% |
| 327300 | Cement and Concrete Product Manufacturing | 2,048 | 2,070 | 22 | 1.07% |
| 327400 | Lime and Gypsum Product Manufacturing | 295 | 322 | 27 | 9.15% |
| 327900 | Other Nonmetallic Mineral Product Manufacturing | 407 | 353 | -54 | -13.27% |
| *331000* | *Primary Metal Manufacturing* | *7,643* | *7,434* | *-209* | *-2.73%* |
| 331100 | Iron and Steel Mills and Ferroalloy Manufacturing | 2,835 | 3,101 | 266 | 9.38% |
| 331200 | Steel Product Manufacturing from Purchased Steel | 1,775 | 1,652 | -123 | -6.93% |
| 331300 | Alumina and Aluminum Production | 970 | 853 | -117 | -12.06% |
| 331400 | Nonferrous Metal (except Aluminum) Production and Processing | 376 | 298 | -78 | -20.74% |
| 331500 | Foundries | 1,687 | 1,530 | -157 | -9.31% |
| *332000* | *Fabricated Metal Product Manufacturing* | *15,228* | *15,493* | *265* | *1.74%* |
| 332100 | Forging and Stamping | 416 | 410 | -6 | -1.44% |
| 332200 | Cutlery and Handtool Manufacturing | 571 | 386 | -185 | -32.40% |
| 332300 | Architectural and Structural Metals Manufacturing | 4,397 | 4,760 | 363 | 8.26% |
| 332400 | Boiler, Tank, and Shipping Container Manufacturing | 658 | 592 | -66 | -10.03% |
| 332500 | Hardware Manufacturing | 245 | 247 | 2 | 0.82% |
| 332600 | Spring and Wire Product Manufacturing | 375 | 364 | -11 | -2.93% |
| 332700 | Machine Shops; Turned Product; and Screw, Nut, and Bolt Manufacturing | 1,802 | 1,764 | -38 | -2.11% |
| 332800 | Coating, Engraving, Heat Treating, and Allied Activities | 624 | 608 | -16 | -2.56% |
| 332900 | Other Fabricated Metal Product Manufacturing | 6,140 | 6,362 | 222 | 3.62% |
| *333000* | *Machinery Manufacturing* | *11,134* | *11,157* | *23* | *0.21%* |
| 333100 | Agriculture, Construction, and Mining Machinery Manufacturing | 2,668 | 2,845 | 177 | 6.63% |
| 333200 | Industrial Machinery Manufacturing | 691 | 749 | 58 | 8.39% |
| 333300 | Commercial and Service Industry Machinery Manufacturing | 722 | 736 | 14 | 1.94% |
| 333400 | Ventilation, Heating, Air-Conditioning, and Commercial Refrigeration Equipment Manufacturing | 2,956 | 2,609 | -347 | -11.74% |
| 333500 | Metalworking Machinery Manufacturing | 1,025 | 943 | -82 | -8.00% |
| 333600 | Engine, Turbine, and Power Transmission Equipment Manufacturing | 607 | 573 | -34 | -5.60% |
| 333900 | Other General Purpose Machinery Manufacturing | 2,465 | 2,702 | 237 | 9.61% |
| *334000* | *Computer and Electronic Product Manufacturing* | *2,110* | *1,972* | *-138* | *-6.54%* |
| 334400 | Semiconductor and Other Electronic Component Manufacturing | 1,468 | 1,393 | -75 | -5.11% |
| 334500 | Navigational, Measuring, Electromedical, and Control Instruments Manufacturing | 419 | 411 | -8 | -1.91% |
|  | Other | 223 | 168 | -55 | -24.66% |
| *335000* | *Electrical Equipment, Appliance, and Component Manufacturing* | *4,792* | *4,392* | *-400* | *-8.35%* |
| 335100 | Electric Lighting Equipment Manufacturing | 377 | 354 | -23 | -6.10% |
| 335200 | Household Appliance Manufacturing | 43 | 22 | -21 | -48.84% |
| 335300 | Electrical Equipment Manufacturing | 3,128 | 2,857 | -271 | -8.66% |
| 335900 | Other Electrical Equipment and Component Manufacturing | 1,244 | 1,159 | -85 | -6.83% |
| *336000* | *Transportation Equipment Manufacturing* | *13,607* | *14,248* | *641* | *4.71%* |
| 336200 | Motor Vehicle Body and Trailer Manufacturing | 1,960 | 2,058 | 98 | 5.00% |
| 336300 | Motor Vehicle Parts Manufacturing | 5,222 | 5,419 | 197 | 3.77% |
| 336400 | Aerospace Product and Parts Manufacturing | 3,126 | 2,925 | -201 | -6.43% |
| 336600 | Ship and Boat Building | 1,947 | 2,144 | 197 | 10.12% |
|  | Other | 1,352 | 1,702 | 350 | 25.89% |
| *337000* | *Furniture and Related Product Manufacturing* | *3,568* | *3,282* | *-286* | *-8.02%* |
| 337100 | Household and Institutional Furniture & Kitchen Cabinet Manufacturing | 2,905 | 2,807 | -98 | -3.37% |
| 337200 | Office Furniture (including Fixtures) Manufacturing | 570 | 403 | -167 | -29.30% |
| 337900 | Other Furniture Related Product Manufacturing | 93 | 72 | -21 | -22.58% |
| *339000* | *Miscellaneous Manufacturing* | *3,310* | *3,271* | *-39* | *-1.18%* |
| 339100 | Medical Equipment and Supplies Manufacturing | 1,624 | 1,625 | 1 | 0.06% |
| 339900 | Other Miscellaneous Manufacturing | 1,686 | 1,646 | -40 | -2.37% |
|  |  |  |  |  |  |
| 102000 | Services Providing | 1,016,540 | 1,042,786 | 26,246 | 2.58% |
|  |  |  |  |  |  |
| **102100** | **TRADE, TRANSPORTATION, AND UTILITIES** | **248,588** | **252,093** | **3,505** | **1.41%** |
|  |  |  |  |  |  |
| **420000** | **Wholesale Trade** | **46,567** | **47,166** | **599** | **1.29%** |
| *423000* | *Merchant Wholesalers, Durable Goods* | *20,280* | *20,276* | *-4* | *-0.02%* |
| 423100 | Motor Vehicle and Motor Vehicle Parts and Supplies Merchant Wholesalers | 2,624 | 2,661 | 37 | 1.41% |
| 423200 | Furniture and Home Furnishing Merchant Wholesalers | 471 | 509 | 38 | 8.07% |
| 423300 | Lumber and Other Construction Materials Merchant Wholesalers | 1,417 | 1,454 | 37 | 2.61% |
| 423400 | Professional and Commercial Equipment and Supplies Merchant Wholesalers | 2,369 | 2,417 | 48 | 2.03% |
| 423500 | Metal and Mineral (except Petroleum) Merchant Wholesalers | 830 | 834 | 4 | 0.48% |
| 423600 | Household Appliances & Electrical and Electronic Goods Merchant Wholesalers | 2,036 | 2,118 | 82 | 4.03% |
| 423700 | Hardware, and Plumbing and Heating Equipment and Supplies Merchant Wholesalers | 2,289 | 2,307 | 18 | 0.79% |
| 423800 | Machinery, Equipment, and Supplies Merchant Wholesalers | 6,497 | 6,292 | -205 | -3.16% |
| 423900 | Miscellaneous Durable Goods Merchant Wholesalers | 1,747 | 1,684 | -63 | -3.61% |
| *424000* | *Merchant Wholesalers, Nondurable Goods* | *14,517* | *14,491* | *-26* | *-0.18%* |
| 424100 | Paper and Paper Product Merchant Wholesalers | 1,164 | 1,150 | -14 | -1.20% |
| 424200 | Drugs and Druggists' Sundries Merchant Wholesalers | 709 | 755 | 46 | 6.49% |
| 424300 | Apparel, Piece Goods, and Notions Merchant Wholesalers | 642 | 660 | 18 | 2.80% |
| 424400 | Grocery and Related Product Wholesalers | 4,374 | 4,462 | 88 | 2.01% |
| 424500 | Farm Product Raw Material Merchant Wholesalers | 766 | 732 | -34 | -4.44% |
| 424600 | Chemical and Allied Products Merchant Wholesalers | 625 | 620 | -5 | -0.80% |
| 424700 | Petroleum and Petroleum Products Merchant Wholesalers | 1,228 | 1,141 | -87 | -7.08% |
| 424800 | Beer, Wine, and Distilled Alcoholic Beverage Merchant Wholesalers | 1,593 | 1,633 | 40 | 2.51% |
| 424900 | Miscellaneous Nondurable Goods Merchant Wholesalers | 3,416 | 3,338 | -78 | -2.28% |
| *425000* | *Wholesale Electronic Markets and Agents and Brokers* | *11,770* | *12,399* | *629* | *5.34%* |
|  |  |  |  |  |  |
| **440000** | **Retail Trade** | **139,894** | **141,172** | **1,278** | **0.91%** |
| *441000* | *Motor Vehicle and Parts Dealers* | *19,362* | *19,867* | *505* | *2.61%* |
| 441100 | Automobile Dealers | 12,080 | 12,407 | 327 | 2.71% |
| 441200 | Other Motor Vehicle Dealers | 1,602 | 1,717 | 115 | 7.18% |
| 441300 | Automotive Parts, Accessories, and Tire Stores | 5,680 | 5,743 | 63 | 1.11% |
| *442000* | *Furniture and Home Furnishings Stores* | *3,701* | *3,798* | *97* | *2.62%* |
| 442100 | Furniture Stores | 2,060 | 2,062 | 2 | 0.10% |
| 442200 | Home Furnishings Stores | 1,641 | 1,736 | 95 | 5.79% |
| *443000* | *Electronics and Appliance Stores* | *3,621* | *3,454* | *-167* | *-4.61%* |
| *444000* | *Building Material and Garden Equipment and Supplies Dealers* | *11,194* | *11,449* | *255* | *2.28%* |
| 444100 | Building Material and Supplies Dealers | 9,248 | 9,438 | 190 | 2.05% |
| 444200 | Lawn and Garden Equipment and Supplies Stores | 1,946 | 2,011 | 65 | 3.34% |
| *445000* | *Food and Beverage Stores* | *19,958* | *20,131* | *173* | *0.87%* |
| 445100 | Grocery Stores | 17,139 | 17,242 | 103 | 0.60% |
| 445200 | Specialty Food Stores | 1,066 | 1,151 | 85 | 7.97% |
| 445300 | Beer, Wine, and Liquor Stores | 1,753 | 1,738 | -15 | -0.86% |
| *446000* | *Health and Personal Care Stores* | *8,671* | *9,128* | *457* | *5.27%* |
| *447000* | *Gasoline Stations* | *12,022* | *11,924* | *-98* | *-0.82%* |
| *448000* | *Clothing and Clothing Accessories Stores* | *8,546* | *8,442* | *-104* | *-1.22%* |
| 448100 | Clothing Stores | 6,578 | 6,542 | -36 | -0.55% |
| 448200 | Shoe Stores | 1,219 | 1,166 | -53 | -4.35% |
| 448300 | Jewelry, Luggage, and Leather Goods Stores | 749 | 734 | -15 | -2.00% |
| *451000* | *Sporting Goods, Hobby, Book, and Music Stores* | *4,526* | *4,546* | *20* | *0.44%* |
| 451100 | Sporting Goods, Hobby, and Musical Instrument Stores | 4,003 | 4,030 | 27 | 0.67% |
| 451200 | Book, Periodical, and Music Stores | 523 | 516 | -7 | -1.34% |
| *452000* | *General Merchandise Stores* | *39,298* | *39,710* | *412* | *1.05%* |
| 452100 | Department Stores | 7,805 | 7,375 | -430 | -5.51% |
| 452900 | Other General Merchandise Stores | 31,493 | 32,335 | 842 | 2.67% |
| *453000* | *Miscellaneous Store Retailers* | *7,069* | *6,843* | *-226* | *-3.20%* |
| 453100 | Florists | 647 | 588 | -59 | -9.12% |
| 453200 | Office Supplies, Stationery, and Gift Stores | 1,656 | 1,455 | -201 | -12.14% |
| 453300 | Used Merchandise Stores | 2,133 | 2,126 | -7 | -0.33% |
| 453900 | Other Miscellaneous Store Retailers | 2,633 | 2,674 | 41 | 1.56% |
| *454000* | *Nonstore Retailers* | *1,926* | *1,880* | *-46* | *-2.39%* |
| 454100 | Electronic Shopping and Mail Order Houses | 765 | 764 | -1 | -0.13% |
| 454200 | Vending Machine Operators | 460 | 453 | -7 | -1.52% |
| 454300 | Direct Selling Establishments | 701 | 663 | -38 | -5.42% |
|  |  |  |  |  |  |
| **480000** | **Transportation and Warehousing** | **54,480** | **56,130** | **1,650** | **3.03%** |
| *481000* | *Air Transportation* | *677* | *728* | *51* | *7.53%* |
| 481100 | Scheduled Air Transportation | 607 | 668 | 61 | 10.05% |
| 481200 | Nonscheduled Air Transportation | 70 | 60 | -10 | -14.29% |
| *483000* | *Water Transportation* | *20* | *21* | *1* | *5.00%* |
| *484000* | *Truck Transportation* | *31,076* | *31,823* | *747* | *2.40%* |
| 484100 | General Freight Trucking | 24,818 | 25,464 | 646 | 2.60% |
| 484200 | Specialized Freight Trucking | 6,258 | 6,359 | 101 | 1.61% |
| *485000* | *Transit and Ground Passenger Transportation* | *1,909* | *2,029* | *120* | *6.29%* |
| 485300 | Taxi and Limousine Service | 409 | 420 | 11 | 2.69% |
| 485400 | School and Employee Bus Transportation | 405 | 384 | -21 | -5.19% |
| 485900 | Other Transit and Ground Passenger Transportation | 780 | 907 | 127 | 16.28% |
|  | Other | 315 | 318 | 3 | 0.95% |
| *486000* | *Pipeline Transportation* | *424* | *374* | *-50* | *-11.79%* |
| *487000* | *Scenic and Sightseeing Transportation* | *20* | *20* | *0* | *0.00%* |
| *488000* | *Support Activities for Transportation* | *5,026* | *5,454* | *428* | *8.52%* |
| 488100 | Support Activities for Air Transportation | 978 | 1,019 | 41 | 4.19% |
| 488200 | Support Activities for Rail Transportation | 614 | 874 | 260 | 42.35% |
| 488300 | Support Activities for Water Transportation | 677 | 702 | 25 | 3.69% |
| 488400 | Support Activities for Road Transportation | 831 | 869 | 38 | 4.57% |
| 488500 | Freight Transportation Arrangement | 1,820 | 1,875 | 55 | 3.02% |
| 488900 | Other Support Activities for Transportation | 106 | 115 | 9 | 8.49% |
| *493000* | *Warehousing and Storage* | *8,479* | *8,652* | *173* | *2.04%* |
|  | OTHER | 6,849 | 7,029 | 180 | 2.63% |
|  |  |  |  |  |  |
| **220000** | **Utilities** | **7,647** | **7,625** | **-22** | **-0.29%** |
| 221100 | Electric Power Generation, Transmission and Distribution | 5,663 | 5,647 | -16 | -0.28% |
| 221200 | Natural Gas Distribution | 1,065 | 1,029 | -36 | -3.38% |
| 221300 | Water, Sewage and Other Systems | 919 | 949 | 30 | 3.26% |
|  |  |  |  |  |  |
| **102200** | **INFORMATION** | **13,352** | **13,472** | **120** | **0.90%** |
|  |  |  |  |  |  |
| *511000* | *Publishing Industries (except Internet)* | *3,613* | *3,667* | *54* | *1.49%* |
| 511100 | Newspaper, Periodical, Book, and Directory Publishers | 3,221 | 3,256 | 35 | 1.09% |
| 511200 | Software Publishers | 392 | 411 | 19 | 4.85% |
| *512000* | *Motion Picture and Sound Recording Industries* | *1,064* | *1,087* | *23* | *2.16%* |
| 512100 | Motion Picture and Video Industries | 1,041 | 1,071 | 30 | 2.88% |
| 512200 | Sound Recording Industries | 23 | 16 | -7 | -30.43% |
| *515000* | *Broadcasting (except Internet)* | *1,626* | *1,640* | *14* | *0.86%* |
| 515100 | Radio and Television Broadcasting | 1,601 | 1,615 | 14 | 0.87% |
| 515200 | Cable and Other Subscription Programming | 25 | 25 | 0 | 0.00% |
| *517000* | *Telecommunications* | *5,399* | *5,335* | *-64* | *-1.19%* |
| 517100 | Wired Telecommunications Carriers | 3,542 | 3,586 | 44 | 1.24% |
| 517200 | Wireless Telecommunications Carriers (except Satellite) | 1,545 | 1,449 | -96 | -6.21% |
| 517900 | Other Telecommunications | 312 | 300 | -12 | -3.85% |
| *518000* | *Data Processing, Hosting and Related Services* | *1,380* | *1,481* | *101* | *7.32%* |
| *519000* | *Other Information Services* | *270* | *262* | *-8* | *-2.96%* |
|  |  |  |  |  |  |
| **102300** | **FINANCIAL ACTIVITIES** | **52,570** | **54,512** | **1,942** | **3.69%** |
| **520000** | **Finance and Insurance** | **39,537** | **41,110** | **1,573** | **3.98%** |
| *522000* | *Credit Intermediation and Related Activities* | *19,068* | *19,279* | *211* | *1.11%* |
| 522100 | Depository Credit Intermediation | 16,132 | 16,208 | 76 | 0.47% |
| 522200 | Nondepository Credit Intermediation | 1,800 | 1,876 | 76 | 4.22% |
| 522300 | Activities Related to Credit Intermediation | 1,136 | 1,195 | 59 | 5.19% |
| *523000* | *Securities, Commodity Contracts, and Other Financial Investments and Related Activities* | *3,086* | *3,192* | *106* | *3.43%* |
| 523100 | Securities and Commodity Contracts Intermediation and Brokerage | 2,206 | 2,264 | 58 | 2.63% |
| 523900 | Other Financial Investment Activities | 880 | 928 | 48 | 5.45% |
| *524000* | *Insurance Carriers and Related Activities* | *17,286* | *18,543* | *1,257* | *7.27%* |
| 524100 | Insurance Carriers | 9,505 | 10,795 | 1,290 | 13.57% |
| 524200 | Agencies, Brokerages, and Other Insurance Related Activities | 7,781 | 7,748 | -33 | -0.42% |
|  | *Other* | *97* | *96* | *-1* | *-1.03%* |
|  |  |  |  |  |  |
| **530000** | **Real Estate and Rental and Leasing** | **13,033** | **13,402** | **369** | **2.83%** |
| *531000* | *Real Estate* | *9,018* | *9,285* | *267* | *2.96%* |
| 531100 | Lessors of Real Estate | 4,037 | 4,131 | 94 | 2.33% |
| 531200 | Offices of Real Estate Agents and Brokers | 1,752 | 1,794 | 42 | 2.40% |
| 531300 | Activities Related to Real Estate | 3,229 | 3,360 | 131 | 4.06% |
| *532000* | *Rental and Leasing Services* | *3,969* | *4,088* | *119* | *3.00%* |
| 532100 | Automotive Equipment Rental and Leasing | 996 | 1,135 | 139 | 13.96% |
| 532200 | Consumer Goods Rental | 1,840 | 1,811 | -29 | -1.58% |
| 532300 | General Rental Centers | 241 | 253 | 12 | 4.98% |
| 532400 | Commercial and Industrial Machinery and Equipment Rental and Leasing | 892 | 889 | -3 | -0.34% |
| *533000* | *Lessors of Nonfinancial Intangible Assets (except Copyrighted Works)* | *46* | *29* | *-17* | *-36.96%* |
|  |  |  |  |  |  |
| **102400** | **PROFESSIONAL AND BUSINESS SERVICES** | **142,809** | **147,827** | **5,018** | **3.51%** |
|  |  |  |  |  |  |
| **540000** | **Professional, Scientific, and Technical Services** | **43,299** | **44,801** | **1,502** | **3.47%** |
| *541000* | *Professional, Scientific, and Technical Services* | *43,299* | *44,801* | *1,502* | *3.47%* |
| 541100 | Legal Services | 5,972 | 6,084 | 112 | 1.88% |
| 541200 | Accounting, Tax Preparation, Bookkeeping, and Payroll Services | 6,802 | 7,043 | 241 | 3.54% |
| 541300 | Architectural, Engineering, and Related Services | 6,410 | 6,926 | 516 | 8.05% |
| 541400 | Specialized Design Services | 388 | 339 | -49 | -12.63% |
| 541500 | Computer Systems Design and Related Services | 9,707 | 9,768 | 61 | 0.63% |
| 541600 | Management, Scientific, and Technical Consulting Services | 5,800 | 6,118 | 318 | 5.48% |
| 541700 | Scientific Research and Development Services | 750 | 758 | 8 | 1.07% |
| 541800 | Advertising, Public Relations, and Related Services | 3,686 | 3,887 | 201 | 5.45% |
| 541900 | Other Professional, Scientific, and Technical Services | 3,784 | 3,878 | 94 | 2.48% |
|  |  |  |  |  |  |
| **550000** | **Management of Companies and Enterprises** | **35,989** | **37,128** | **1,139** | **3.16%** |
| **560000** | **Administrative and Support and Waste Management and Remediation Services** | **63,521** | **65,898** | **2,377** | **3.74%** |
| *561000* | *Administrative and Support Services* | *60,435* | *62,636* | *2,201* | *3.64%* |
| 561100 | Office Administrative Services | 4,141 | 4,325 | 184 | 4.44% |
| 561200 | Facilities Support Services | 1,075 | 1,217 | 142 | 13.21% |
| 561300 | Employment Services | 26,508 | 27,167 | 659 | 2.49% |
| 561400 | Business Support Services | 7,903 | 8,277 | 374 | 4.73% |
| 561500 | Travel Arrangement and Reservation Services | 371 | 374 | 3 | 0.81% |
| 561600 | Investigation and Security Services | 4,810 | 4,980 | 170 | 3.53% |
| 561700 | Services to Buildings and Dwellings | 14,308 | 14,932 | 624 | 4.36% |
| 561900 | Other Support Services | 1,319 | 1,364 | 45 | 3.41% |
| *562000* | *Waste Management and Remediation Service* | *3,086* | *3,262* | *176* | *5.70%* |
| 562100 | Waste Collection | 1,188 | 1,238 | 50 | 4.21% |
| 562200 | Waste Treatment and Disposal | 876 | 931 | 55 | 6.28% |
| 562900 | Remediation and Other Waste Management Services | 1,022 | 1,093 | 71 | 6.95% |
|  |  |  |  |  |  |
| **102500** | **EDUCATION AND HEALTH SERVICES** | **300,055** | **309,138** | **9,083** | **3.03%** |
|  |  |  |  |  |  |
| **610000** | **Educational Services** | **115,145** | **116,888** | **1,743** | **1.51%** |
| 611100 | Elementary and Secondary Schools | 77,617 | 78,689 | 1,072 | 1.38% |
| 611200 | Junior Colleges | 6,958 | 6,894 | -64 | -0.92% |
| 611300 | Colleges, Universities, and Professional Schools | 27,090 | 27,763 | 673 | 2.48% |
| 611400 | Business Schools and Computer and Management Training | 131 | 126 | -5 | -3.82% |
| 611500 | Technical and Trade Schools | 1,112 | 1,040 | -72 | -6.47% |
| 611600 | Other Schools and Instruction | 1,743 | 1,876 | 133 | 7.63% |
| 611700 | Educational Support Services | 494 | 500 | 6 | 1.21% |
|  |  |  |  |  |  |
| **620000** | **Health Care and Social Assistance** | **184,910** | **192,250** | **7,340** | **3.97%** |
| *621000* | *Ambulatory Health Care Services* | *55,487* | *58,256* | *2,769* | *4.99%* |
| 621100 | Offices of Physicians | 24,430 | 25,451 | 1,021 | 4.18% |
| 621200 | Offices of Dentists | 7,132 | 7,371 | 239 | 3.35% |
| 621300 | Offices of Other Health Practitioners | 8,562 | 9,209 | 647 | 7.56% |
| 621400 | Outpatient Care Centers | 4,974 | 5,358 | 384 | 7.72% |
| 621500 | Medical and Diagnostic Laboratories | 1,216 | 1,293 | 77 | 6.33% |
| 621600 | Home Health Care Services | 6,495 | 6,779 | 284 | 4.37% |
| 621900 | Other Ambulatory Health Care Services | 2,678 | 2,795 | 117 | 4.37% |
| *622000* | *Hospitals* | *58,319* | *60,282* | *1,963* | *3.37%* |
| 622100 | General Medical and Surgical Hospitals | 51,927 | 53,630 | 1,703 | 3.28% |
| 622200 | Psychiatric and Substance Abuse Hospitals | 3,175 | 3,216 | 41 | 1.29% |
| 622300 | Specialty (except Psychiatric and Substance Abuse) Hospitals | 3,217 | 3,436 | 219 | 6.81% |
| *623000* | *Nursing and Residential Care Facilities* | *32,038* | *33,161* | *1,123* | *3.51%* |
| 623100 | Nursing Care Facilities (Skilled Nursing Facilities) | 22,716 | 23,400 | 684 | 3.01% |
| 623200 | Residential Intellectual & Developmental Disability, Mental Health, & Substance Abuse Facilities | 4,568 | 4,817 | 249 | 5.45% |
| 623300 | Continuing Care Retirement Communities and Assisted Living Facilities for the Elderly | 3,975 | 4,153 | 178 | 4.48% |
| 623900 | Other Residential Care Facilities | 779 | 791 | 12 | 1.54% |
| *624000* | *Social Assistance* | *39,066* | *40,551* | *1,485* | *3.80%* |
| 624100 | Individual and Family Services | 24,382 | 25,297 | 915 | 3.75% |
| 624200 | Community Food and Housing, and Emergency and Other Relief Services | 1,344 | 1,419 | 75 | 5.58% |
| 624300 | Vocational Rehabilitation Services | 3,147 | 3,224 | 77 | 2.45% |
| 624400 | Child Day Care Services | 10,193 | 10,611 | 418 | 4.10% |
|  |  |  |  |  |  |
| **102600** | **LEISURE AND HOSPITALITY** | **112,886** | **116,914** | **4,028** | **3.57%** |
|  |  |  |  |  |  |
| **710000** | **Arts, Entertainment, and Recreation** | **9,974** | **10,449** | **475** | **4.76%** |
| *711000* | *Performing Arts, Spectator Sports, and Related Industries* | *2,799* | *2,867* | *68* | *2.43%* |
| 711100 | Performing Arts Companies | 359 | 320 | -39 | -10.86% |
| 711200 | Spectator Sports | 1,714 | 1,761 | 47 | 2.74% |
| 711300 | Promoters of Performing Arts, Sports, and Similar Events | 619 | 673 | 54 | 8.72% |
| 711400 | Agents and Managers for Artists, Athletes, Entertainers, and Other Public Figures | 52 | 58 | 6 | 11.54% |
| 711500 | Independent Artists, Writers, and Performers | 55 | 55 | 0 | 0.00% |
| *712000* | *Museums, Historical Sites, and Similar Institutions* | *626* | *679* | *53* | *8.47%* |
| *713000* | *Amusement, Gambling, and Recreation Industries* | *6,549* | *6,903* | *354* | *5.41%* |
| 713100 | Amusement Parks and Arcades | 160 | 160 | 0 | 0.00% |
| 713900 | Other Amusement and Recreation Industries | 6,389 | 6,743 | 354 | 5.54% |
| **720000** | **Accommodation and Food Services** | **102,912** | **106,465** | **3,553** | **3.45%** |
| *721000* | *Accommodation, including Hotels and Motels* | *10,885* | *11,107* | *222* | *2.04%* |
| 721100 | Traveler Accommodation | 10,376 | 10,594 | 218 | 2.10% |
| 721200 | RV (Recreational Vehicle) Parks and Recreational Camps | 391 | 393 | 2 | 0.51% |
| 721300 | Rooming and Boarding Houses | 118 | 120 | 2 | 1.69% |
| *722000* | *Food Services and Drinking Places* | *92,027* | *95,358* | *3,331* | *3.62%* |
| 722300 | Special Food Services | 4,310 | 4,658 | 348 | 8.07% |
| 722400 | Drinking Places (Alcoholic Beverages) | 992 | 971 | -21 | -2.12% |
| 722500 | Restaurants and Other Eating Places | 86,725 | 89,729 | 3,004 | 3.46% |
|  |  |  |  |  |  |
| **102700** | **OTHER SERVICES (EXCEPT GOVERNMENT)** | **51,869** | **53,459** | **1,590** | **3.07%** |
|  |  |  |  |  |  |
| *811000* | *Repair and Maintenance* | *10,368* | *10,900* | *532* | *5.13%* |
| 811100 | Automotive Repair and Maintenance | 6,504 | 6,888 | 384 | 5.90% |
| 811200 | Electronic and Precision Equipment Repair and Maintenance | 874 | 909 | 35 | 4.00% |
| 811300 | Commercial and Industrial Machinery and Equipment (except Automotive and Electronic) Repair and Maintenance | 2,441 | 2,573 | 132 | 5.41% |
| 811400 | Personal and Household Goods Repair and Maintenance | 549 | 530 | -19 | -3.46% |
| *812000* | *Personal and Laundry Services* | *7,811* | *7,781* | *-30* | *-0.38%* |
| 812100 | Personal Care Services | 3,013 | 3,087 | 74 | 2.46% |
| 812200 | Death Care Services | 1,573 | 1,560 | -13 | -0.83% |
| 812300 | Drycleaning and Laundry Services | 2,308 | 2,168 | -140 | -6.07% |
| 812900 | Other Personal Services | 917 | 966 | 49 | 5.34% |
| *813000* | *Religious, Grantmaking, Civic, Professional, and Similar Organizations* | *30,082* | *31,395* | *1,313* | *4.36%* |
| 813100 | Religious Organizations | 19,533 | 20,820 | 1,287 | 6.59% |
| 813200 | Grantmaking and Giving Services | 1,499 | 1,643 | 144 | 9.61% |
| 813300 | Social Advocacy Organizations | 3,666 | 3,674 | 8 | 0.22% |
| 813400 | Civic and Social Organizations | 1,144 | 1,136 | -8 | -0.70% |
| 813900 | Business, Professional, Labor, Political, and Similar Organizations | 4,240 | 4,122 | -118 | -2.78% |
| *814000* | *Private Households* | *3,608* | *3,383* | *-225* | *-6.24%* |
|  |  |  |  |  |  |
| **102800** | **GOVERNMENT** | **94,411** | **95,371** | **960** | **1.02%** |
|  |  |  |  |  |  |
| *910000* | *Total Federal Government Employment* | *20,369* | *20,347* | *-22* | *-0.11%* |
| 491100 | Postal Service | 5,606 | 5,737 | 131 | 2.34% |
| 999100 | Federal Government, Excluding Post Office | 14,763 | 14,610 | -153 | -1.04% |
| 999200 | State Government, Excluding Education and Hospitals | 34,156 | 34,310 | 154 | 0.45% |
| 999300 | Local Government, Excluding Education and Hospitals | 39,886 | 40,714 | 828 | 2.08% |

**Bureau of Labor Statistics rolls out new Separations methodology**

To better measure occupational openings, the Bureau of Labor Statistics (BLS) has implemented a new Separations methodology. The Separations methodology was developed to better capture a more accurate picture of the workforce and give BLS the ability to differentiate between workers who are leaving the labor force entirely and those who are changing jobs and leaving an occupation.

Projections are utilized to predict what will happen in the future in regard to occupations, and help stakeholders determine what areas of the economy are expected to see growth and decline. Projections help higher education professionals, labor market analysts, and employers determine what occupations will have more openings than others to best train and prepare the workforce.

Workers once entered the labor force at a young age, working until retirement in the same occupation. New, younger workers would replace them once they retired. It’s no secret the workforce has changed. From technology advancements and trends in the workforce, to policy updates and new standards in human resources, the U.S. labor force is vastly different.

These changes in the workforce have brought about the need for a new methodology.

Workers today are more likely to be transient and work in a number of occupations during their lifetime. The Separations methodology accounts for this workforce trend, capturing reasons workers leave an occupation other than retirement, such as changing careers, being promoted into management or completing a retraining program.

The Separations methodology incorporates past data, patterns and trends to generate employment projections. Projections from the past Replacements methodology should not be compared with projections created using the new Separations methodology. Past projections become outdated when actual employment catches up with them or new projections are released. These are no longer an accurate representation of the workforce.

Projections produced using the new Separations methodology will vary from the projections derived from the Replacements methodology. This is due to methodological, not conceptual, factors. To compare historical trends to current projections, a practitioner should use actual employment figures from the time period. When new projections are released, old projections become obsolete.

For more information about the new Separations methodology, please visit: [www.bls.gov/emp/ep\_separations.htm](http://www.bls.gov/emp/ep_separations.htm).

EXPLANATION OF OCCUPATIONAL PROJECTIONS DATA

ARKANSAS-STATEWIDE

2017-2019

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **SOC Code** | **Standard Occupational Classification (SOC)**  **Title** | **2017 Estimated Employment** | **2019 Projected Employment** | **Numeric Change** | **Percent Change** | **Annual Openings - Exits** | **Annual Openings- Transfers** | **Annual Openings-Change** | **Annual Openings-Total** | **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 2017 | The projected number of jobs expected to be in an occupation in 2019 | Total number of jobs an occupation is expected to gain or lose over the 2017 to 2019 period | Percent change in the number of jobs in an occupation over the 2017 to 2019 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 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 93 for definitions. |

2017-2019 Arkansas Statewide Occupational Projections by Major Group

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **SOC Code** | **Standard Occupational Classification (SOC) Title** | **2017 Estimated Employment** | **2019 Projected Employment** | **Numeric Change** | **Percent Change** | **Annual Openings-Exits** | **Annual Openings-Transfers** | **Annual Openings-Change** | **Annual Openings-Total** |
| **00-0000** | **Total, All Occupations** | **1,380,666** | **1,413,430** | **32,764** | **2.37%** | **65,630** | **84,886** | **16,382** | **166,898** |
| 11-0000 | Management Occupations | 132,671 | 135,384 | 2,713 | 2.04% | 5,446 | 4,632 | 1,356 | 11,434 |
| 13-0000 | Business and Financial Operations Occupations | 55,145 | 56,938 | 1,793 | 3.25% | 1,700 | 3,293 | 896 | 5,889 |
| 15-0000 | Computer and Mathematical Occupations | 24,993 | 25,655 | 662 | 2.65% | 440 | 1,208 | 331 | 1,979 |
| 17-0000 | Architecture and Engineering Occupations | 12,286 | 12,751 | 465 | 3.78% | 317 | 578 | 232 | 1,127 |
| 19-0000 | Life, Physical, and Social Science Occupations | 7,631 | 7,825 | 194 | 2.54% | 208 | 492 | 97 | 797 |
| 21-0000 | Community and Social Service Occupations | 24,774 | 25,942 | 1,168 | 4.71% | 1,071 | 1,643 | 584 | 3,298 |
| 23-0000 | Legal Occupations | 7,583 | 7,817 | 234 | 3.09% | 193 | 268 | 117 | 578 |
| 25-0000 | Education, Training, and Library Occupations | 78,683 | 80,393 | 1,710 | 2.17% | 3,268 | 3,244 | 855 | 7,367 |
| 27-0000 | Arts, Design, Entertainment, Sports, and Media Occupations | 13,572 | 13,909 | 337 | 2.48% | 572 | 752 | 168 | 1,492 |
| 29-0000 | Healthcare Practitioners and Technical Occupations | 83,406 | 86,585 | 3,179 | 3.81% | 2,298 | 2,256 | 1,590 | 6,144 |
| 31-0000 | Healthcare Support Occupations | 38,094 | 39,578 | 1,484 | 3.90% | 2,238 | 2,112 | 742 | 5,092 |
| 33-0000 | Protective Service Occupations | 26,447 | 26,924 | 477 | 1.80% | 1,130 | 1,352 | 238 | 2,720 |
| 35-0000 | Food Preparation and Serving Related Occupations | 105,094 | 108,662 | 3,568 | 3.40% | 7,841 | 9,938 | 1,784 | 19,563 |
| 37-0000 | Building and Grounds Cleaning and Maintenance Occupations | 45,300 | 46,766 | 1,466 | 3.24% | 2,798 | 2,916 | 733 | 6,447 |
| 39-0000 | Personal Care and Service Occupations | 46,604 | 48,232 | 1,628 | 3.49% | 3,618 | 3,176 | 814 | 7,608 |
| 41-0000 | Sales and Related Occupations | 136,065 | 138,058 | 1,993 | 1.46% | 8,208 | 10,496 | 996 | 19,700 |
| 43-0000 | Office and Administrative Support Occupations | 185,930 | 188,584 | 2,654 | 1.43% | 9,569 | 11,131 | 1,327 | 22,027 |
| 45-0000 | Farming, Fishing, and Forestry Occupations | 18,080 | 18,040 | -40 | -0.22% | 664 | 1,950 | -20 | 2,594 |
| 47-0000 | Construction and Extraction Occupations | 54,174 | 55,958 | 1,784 | 3.29% | 1,937 | 3,657 | 892 | 6,486 |
| 49-0000 | Installation, Maintenance, and Repair Occupations | 56,188 | 57,837 | 1,649 | 2.93% | 1,962 | 3,371 | 824 | 6,157 |
| 51-0000 | Production Occupations | 118,671 | 119,709 | 1,038 | 0.87% | 4,898 | 8,702 | 519 | 14,119 |
| 53-0000 | Transportation and Material Moving Occupations | 109,275 | 111,883 | 2,608 | 2.39% | 5,254 | 7,720 | 1,304 | 14,278 |

**Occupational Outlook**

The Arkansas labor market is expected to see a growth of 32,764 jobs over the 2017-2019 projection period, an increase of 2.37 percent, with many job opportunities for recent graduates and other job seekers. There is expected to be 166,898 total annual job openings during the projection period with 65,630 openings available due to employees exiting the workforce. Another 84,886 are estimated to be available due to employees changing jobs, while 16,382 would be due to the growth and decline of an occupation. All major occupational groups except one are estimated to see net gains in employment.

**Management Occupations**

The **Management Occupations** major group is projected to gain 2,713 jobs between 2017 and 2019, an increase of 2.04 percent. During the projection period, 11,434 job openings are expected to be available annually, of which 5,446 jobs are estimated to be due to exiting of the workforce, and 4,632 due to employees transferring to other occupational groups. Another 1,356 would be for growth and expansion. *Other Management Occupations* is predicted to add 1,533 new jobs and account for 65.3 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 seventh statewide, adding 642 jobs to the labor market, but they are also the top occupation statewide for the most annual exits expected with 3,642, almost 75 percent of its total annual openings. *Top Executives* is predicted to add 613 to its workforce, while *Operations Specialties Managers* could experience a net gain of 397 jobs. General and Operations Managers is predicted to add an additional 591 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 1,793 new jobs by the first quarter of 2019, an increase of 3.25 percent. Around 5,889 job openings are projected to be available in the 2017-2019 projection period. The number of annual exits is expected to be 1,700, while the number of transfers is predicted to be 3,293. Growth and expansion could add 896 jobs annually. *Business Operations Specialists* is projected to gain the most jobs with 1,185 on the horizon, accounting for nearly 66.1 percent of the job growth in this major group, while *Financial Specialists* is predicted to gain an additional 608. Accountants and Auditors are predicted to be the top occupation in the major group adding 267 jobs to its workforce. Insurance Underwriters makes the top 10 of the Top 20 Fastest Growing Occupations by Percent Change list with an anticipated 9.17 percent increase. Labor Relations Specialists is expected to lose the most jobs in the major group with a decline of 13 jobs, or 1.78 percent of its workforce.

**Computer and Mathematical**

The **Computer and Mathematical Occupations** major group is projected to add 662 new jobs and have 1,979 annual job openings. It is projected to have 440 annual exits and 1,208 annual transfers. Growth and expansion is estimated to account for 331 annual openings.The majority of this major group’s growth is likely to be in *Computer Occupations* with a gain of 614 new jobs and 1,907 annual openings. Two occupations in this group are estimated to grow by at least 100 jobs with Computer User Support Specialists adding 103 and Software Developers, Applications increasing by 120. One downside is among Computer Programmers, which is predicted to lose 35 jobs during the projection period. The *Mathematical Science Occupations* occupational family is expected to add 48 new jobs to the labor market. Actuaries is expected to be the second fastest growing occupation in the state adding 9 jobs, or 15.79 percent increase.

**Architecture and Engineering**

The **Architecture and Engineering Occupations** major group is expected to experience a growth of 465 jobs, a 3.78 percent increase between 2017 and 2019. The major group is expected to have 1,127 annual job openings, of which 317 would be from those exiting the workforce, 578 from those transferring to other occupations, and 232 from growth and expansion. A little more than half of the growth is expected to occur in the *Engineers* occupational family with 238 new jobs, a 3.31 percent increase. Civil Engineers is predicted to lead occupations in this major group with 79 new jobs. Architectural and Civil Drafters leads the major group in percent change with a 7.88 percent growth and places in the Top 20 Fastest Growing Occupations list. Two other occupations in the major group also made the list.

**Life, Physical, and Social Science**

**Life, Physical, and Social Science Occupations** is projected to have 194 new jobs during the projection period, the smallest growth in the state. Of the 797 total annual openings, 208 would be created from those exiting the workforce, 492 from those transferring jobs, and 97 due to growth and expansion. *Life, Physical, and Social Science Technicians* is estimated to add 74 to its workforce, while *Life Scientists* and *Physical Scientists* are forecast to add 43 jobs each. Environmental Scientists and Specialists, Including Health is slated to add the most jobs with 28 on the horizon, while Survey Researchers could be the fastest growing in the major group increasing by 10.34 percent.

**Community and Social Service**

The **Community and Social Service Occupations** major group is expected to gain 1,168 jobs by the first quarter of 2019. Around 3,298 annual job openings are projected to be available with 584 for growth and expansion, 1,071 for exits, and 1,643 for occupational transfers. *Religious Workers* is forecast to gain 713 new jobs with Clergy claiming 615. *Counselors, Social Workers, and Other Community and Social Service Specialists* is predicted to add an additional 455 jobs. Social and Human Service Assistants is predicted to add 109 jobs, while six other occupations in this occupational group are predicted to add at least 38.

**Legal**

The **Legal Occupations** major group is projected to gain 234 jobs during the projection period. This occupational group is expected to have the fewest annual openings with 578 anticipated with 117 for growth and expansion, 193 for those exiting the labor market, and 268 for those transferring to other occupational groups. *Lawyers, Judges, and Related Workers* is set for an anticipated growth of 129 jobs with 120 coming among Lawyers. *Legal Support Workers* is estimated to add 105 new jobs with Paralegals and Legal Assistants adding 66 of those. The one downside is expected to be in Arbitrators, Mediators, and Conciliators losing 5.66 percent of its workforce.

**Education, Training, and Library**

The **Education, Training, and Library Occupations** major group is forecast to add 1,710 jobs and have 7,367 annual openings each year of the projection period. Of these, 3,268 could come from employees leaving the workforce, and 3,244 coming from those transferring to other occupational groups. About 855 annual openings are due to growth and expansion. *Preschool, Primary, Secondary, and Special Education School Teachers* is set to add 818 jobs to the Arkansas workforce and have 3,344 annual openings. Elementary School Teachers, Except Special Education leads all occupations in the major group with 245 new jobs. Teacher Assistants is slated to increase employment by 233. Museum Technicians and Conservators is estimated to increase by 6.49 percent. In all, six occupations are expected to add at least 116 new jobs between 2017 and 2019. One downside is Vocational Education Teachers, Postsecondary, which is projected to lose 42 jobs, or 3.54 percent.

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

The **Arts, Design, Entertainment, Sports, and Media Occupations** major group is expected to add 337 jobs between 2017 and 2019. Around 1,492 jobs are projected to be available each year during the projection period. Of these, 572 will be due to employees leaving the workforce, 752 for those who transferred to other occupational groups, and 168 for growth and expansion. The *Entertainers and Performers, Sports and Related Workers* family could add the most jobs with 175 on the horizon. Coaches and Scouts leads with 72 new jobs. Film and Video Editors could be the fastest growing occupation in the major group increasing employment by 6.19 percent. On the negative side of the labor market, Floral Designers is estimated to lose 17 jobs, or 4.47 percent of its workforce.   
  
**Healthcare Practitioners and Technical**

The **Healthcare Practitioners and Technical Occupations** major group is projected to add 3,179 jobs between 2017 and 2019. It is expected to have 6,144 job openings each year, 2,298 of which would be from those leaving the workforce, 2,256 from those transferring to other occupational groups, and 1,590 due to growth and expansion. *Health Diagnosing and Treating Practitioners* is expected to have the most new jobs with 2,050 on the horizon. Registered Nurses is estimated to add 1,001 new jobs and have 1,794 annual openings, placing it second in the Top 20 Growing Occupations list. At 7.94 percent, Physician Assistants makes the Top 10 of the Top 20 Fastest Growing Occupations list. In all, nine occupations in the occupational family are expecting at least 50 new jobs. *Health Technologists and Technicians* is projectedto increase by an additional 1,085 jobs with Licensed Practical and Licensed Vocational Nurses adding 322 and Pharmacy Technicians adding 206. One downside is in Respiratory Therapy Technicians, which could lose 9.07 percent of its workforce.

**Healthcare Support Occupations**

**Healthcare Support Occupations** is expected to increase employment by 3.90 percent, equivalent to 1,484 new jobs and 5,092 annual job openings between 2017 and 2019. Of these annual openings, 2,238 is expected to come from employees leaving the workforce, while 2,112 would come from those transferring to other occupational groups. Another 742 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 937 on the horizon. Nursing Assistants is estimated to lead the major group in net change with a growth of 619, placing it among the Top 10 of the Top 20 Growing Occupations list. Occupational Therapy Assistants could be the fastest growing occupation in the major group, increasing by 7.09 percent. *Other Healthcare Support Occupations* could add 430 new jobs to its workforce. Medical Assistants leads this occupational family with 190 new jobs anticipated.

**Protective Service**

The **Protective Service Occupations** major group is expected to add 477 new jobs to the Arkansas job market. This major group is predicted to have 2,720 annual job openings with about 1,130 due to those exiting the workforce, 1,352 related to transferring to a new occupational group, and 238 due to growth and expansion. *Other Protective Service Workers* is estimated to lead the major group with 239 new jobs. Security Guards is forecast to add 196 jobs, a gain of 2.99 percent. *Law Enforcement Workers* is forecast to add 98 new jobs with Police and Sheriff's Patrol Officers adding 142. However, Correctional Officers and Jailers could see a drop in employment with 53 job losses.

**Food Preparation and Serving Related**

**Food Preparation and Serving Related Occupations** is expected to increase employment over the next two years adding 3,568 jobs to the Arkansas labor market, an increase of 3.40 percent, making it the top growing occupational major group in the state. It is projected to have 19,563 annual job openings with 7,841 of those created from those leaving the workforce, 9,938 from those transferring to other occupational groups, and 1,784 for growth and expansion. *Food and Beverage Serving Workers* is projected to have 2,164 new jobs and 11,392 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 1,460 new jobs. The occupation is also ranked third in the state for occupations where employees are most likely to exit the workforce or transfer to other occupational groups with about 5,700 job openings due to exits or transfers. In all, six occupations are estimated to add more than 175 jobs. The *Cooks and Food Preparation Workers* occupational family is slated to add 854 new jobs.

**Building and Grounds Cleaning and Maintenance**

The **Building and Grounds Cleaning and Maintenance Occupations** major group is projected to add 1,466 jobs by the first quarter of 2019 as well as having 6,447 annual openings. Of these, 2,798 could come from those exiting the workforce, 2,916 from those who transfer to other occupational groups and 733 due to growth and expansion. *Building Cleaning and Pest Control Workers* is predicted to see 970 new jobs, 66.2 percent of this major group’s job growth. Janitors and Cleaners, Except Maids and Housekeeping Cleaners is estimated to gain 758 of those jobs, placing the occupation among the Top 5 of the Top 20 Growing Occupations list. *Grounds Maintenance Workers* is also forecast to see strong growth with a gain of 328 jobs. Landscaping and Groundskeeping Workers will likely claim the majority of those jobs with 301 on the horizon and be the fastest growing occupation in the major group with a 4.06 percent rise in employment.

**Personal Care and Service**

The **Personal Care and Service Occupations** major group is projected to increase employment by 1,628, an increase of 3.49 percent. Around 7,608 annual openings are forecast for this major group with 3,618 created from those leaving the workforce, 3,176 from those transferring to other occupational groups, and 814 for growth and expansion. The *Other Personal Care and Service Workers* occupational family could account for 77.8 percent of the new jobs in this major group with 1,266 expected. Personal Care Aides could add 738 new jobs to its workforce, placing it fifth in net growth, while Childcare Workers is predicted to add 405 to its workforce. Fitness Trainers and Aerobics Instructors is slated to be the fastest growing occupation in the major group, increasing by 5.25 percent.

**Sales and Related**

**Sales and Related Occupations** is expected to experience a gain of 1,993 new jobs by March 2019 and have 19,700 annual openings during the projection period, the second most among the major groups. Of these, 8,208 are estimated to be available due to employees leaving the workforce, and 10,496 due to employees transferring to other occupations. In addition, about 996 openings are expected to be available due to growth and expansion. The *Retail Sales Workers* occupational family is predicted to add 516 to the Arkansas job market. Retail Salespersons is predicted to add the majority of those jobs with a forecasted growth of 309. Cashiers are estimated to transfer in and out of jobs the most, creating 3,104 annual job openings from transfers alone, and second among those leaving the workforce for four months or more, creating another 3,180 annual job openings. All five occupational families in the Sales and Related Occupations major group are anticipating at least 250 new jobs.

**Office and Administrative Support**

The **Office and Administrative Support Occupations** major group is predicted to add 2,654 new jobs and have 22,027 annual openings, the most among the major groups. Of the total annual openings, 9,569 would be created due to employees leaving the workforce, 11,131 from those transferring to other occupational groups, and 1,327 for growth and expansion. The *Information and Record Clerks* family is projected to add 827 new jobs*.* Customer Service Representatives is projected to add 379 jobs to the economy, while Receptionists and Information Clerks is set to have 183 new jobs. The two occupations are predicted to have more than 1,000 job openings annually each. *Material Recording, Scheduling, Dispatching, and Distributing Workers* could see a growth of 582, while *Other Office and Administrative Support Workers* is slated to add 557. Insurance Claims and Policy Processing Clerks is estimated to add 288 jobs, and increase of 10.71 percent, making it the fastest growing occupation in the major group and third fastest statewide. Office Clerks, General is expected to lead all occupations in the major group in the number of annual openings with 3,474.

**Farming, Fishing, and Forestry**

The **Farming, Fishing, and Forestry Occupations** major group is projected to be the only major group to experience a net loss of jobs during the 2017-2019 projections period. However, job opportunities are expected to be available with 2,594 job openings annually. Of these, 664 could be created from those leaving the workforce and 1,950 from those transferring to other occupational groups. The general decline in this occupational group could set the annual job opening back by about 20 jobs annually. The outlook in this major group is mixed as the biggest gain in jobs could come in Farmworkers, Farm, Ranch, and Aquacultural Animals with an increase of 85 new jobs. This will likely be offset by a loss in Farmworkers and Laborers, Crop, Nursery, and Greenhouse with a loss of 132 jobs.

**Construction and Extraction**

The **Construction and Extraction Occupations** major group is expected to experience a net gain of 1,784 jobs by March 2019. The major group is estimated to have 1,937 annual openings created from employees leaving the workforce, 3,657 created from employees transferring to other occupational groups, and 892 due to growth and expansion. The outlook for this major group is mixed with many occupations making it on at least one of the Top 20 lists. The *Construction Trades Workers* occupational family is estimated to experience a net gain of 1,491 jobs, about 83.6 percent of the total net growth in the major group. Four occupations are slated to grow by more than 200 jobs with Electricians adding 330, making the Top 20 Growing Occupations list. Insulation Workers, Mechanical is set to be the fastest growing occupation in the major group and ninth overall statewide with an 8.19 percent gain. On the negative side of the economy, Service Unit Operators, Oil, Gas, and Mining and Roustabouts, Oil and Gas are included in the Top 20 Declining Occupations list with an estimated decline of 36 and 30 jobs, respectively. These two occupations also made the Top 10 of the Top 20 Fastest Declining occupations. The top two fastest declining occupations in the state are also in the Construction and Extraction major group. The fastest declining occupation in the state is slated to be Helpers--Extraction Workers with a 13.73 percent decline followed by Derrick Operators, Oil and Gas with a 13.41 percent loss.

**Installation, Maintenance, and Repair**

The **Installation, Maintenance, and Repair Occupations** major group is projected to gain 1,649 jobs over the next two years. About 6,157 job openings are forecast to be available each year during the projection period with 1,962 due to employees leaving the workforce and 3,371 due to employees changing jobs. Growth and expansion is estimated to account for 824 annual job openings. The *Other Installation, Maintenance, and Repair Occupations* family is predicted to see the most growth with an increase of 909 jobs. Maintenance and Repair Workers, General is projected to add 367 new jobs to its workforce, while Heating, Air Conditioning, and Refrigeration Mechanics and Installers is predicted to add 213 jobs. The *Vehicle and Mobile Equipment Mechanics, Installers, and Repairers* family is expected to add an additional 541 jobs to the Arkansas labor market. Rail Car Repairers is anticipated to be the fastest growing occupation in the state as a strong growth in railcar-related jobs is forecast to come to the state or has come already.

**Production Occupations**

The **Production Occupations** major group is predicted to experience a net gain of 1,038 jobs during the projection period. Its 0.87 percent increase is the slowest among growing occupational major groups. Of the 14,119 annual job openings, 4,898 job openings are estimated to be created from those leaving the workforce, 8,702 created from employees transferring to other occupational groups and 519 due to growth and expansion. The outlook in this major group is mixed with some gains and losses. Among growing occupational families, *Food Processing Workers* is estimated to gain 716 jobs. Meat, Poultry, and Fish Cutters and Trimmers leads all occupations in net growth with a gain of 310 new jobs. The *Other Production Occupations* occupational family is slated to add 697 jobs.While no occupations in the **Production Occupations** major group made the Top 20 Growing Occupation list, two made the Top 20 Fastest Growing Occupations list. Textile Knitting and Weaving Machine Setters, Operators, and Tenders is estimated to increase employment by 9.41 percent, while Fiberglass Laminators and Fabricators is forecast to raise staff by 9.29 percent. On the negative side of the economy, *Assemblers and Fabricators* is projected to lose 289 jobs. Team Assemblers could experience a loss of 137 of those jobs, becoming the top declining occupation in Arkansas. In all, half of the Top 20 Declining Occupations list and eleven of the Top 20 Fastest Declining Occupations are in the **Production Occupations** major group. Coil Winders, Tapers, and Finishers is expected to be the fastest declining occupation in the major group with a loss of 10.80 percent.

**Transportation and Material Moving**The **Transportation and Material Moving Occupations** major group is projected to gain 2,608 employees by the first quarter of 2019. Around 14,278 jobs are expected to be available each year of the projection period, of which 5,254 would be created from those leaving the workforce, 7,720 created from those changing jobs, and 1,304 due to growth and expansion. *Motor Vehicle Operators* is expected to experience a net gain of 1,251 jobs during the projection period. Heavy and Tractor-Trailer Truck Drivers drives the growth in the occupational family gaining 854 new jobs and have more than 63 percent of the total annual job openings in the group, placing third in the state for net change. *Material Moving Workers* is projected to add 1,114 new jobs with Laborers and Freight, Stock, and Material Movers, Hand predicted to gain 644, placing among the Top 10 on the Top 20 Growing Occupations list. One downside is predicted for Wellhead Pumpers with a 12.10 percent decline, which would place it among the five fastest declining occupations in the state.

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

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **SOC Code** | **Standard Occupational Classification (SOC) Title** | **2017 Estimated Employment** | **2019 Projected Employment** | **Numeric Change** | **Percent Change** | **Annual Openings-Exits** | **Annual Openings-Transfers** | **Annual Openings-Change** | **Annual Openings-Total** |
| 35-3021 | Combined Food Preparation and Serving Workers, Including Fast Food | 30,737 | 32,197 | **1,460** | 4.75% | 2,786 | 2,914 | 730 | 6,430 |
| 29-1141 | Registered Nurses | 25,182 | 26,183 | **1,001** | 3.98% | 736 | 558 | 500 | 1,794 |
| 53-3032 | Heavy and Tractor-Trailer Truck Drivers | 35,258 | 36,112 | **854** | 2.42% | 1,513 | 2,242 | 427 | 4,182 |
| 37-2011 | Janitors and Cleaners, Except Maids and Housekeeping Cleaners | 19,690 | 20,448 | **758** | 3.85% | 1,306 | 1,262 | 379 | 2,947 |
| 39-9021 | Personal Care Aides | 17,248 | 17,986 | **738** | 4.28% | 1,406 | 1,059 | 369 | 2,834 |
| 53-7062 | Laborers and Freight, Stock, and Material Movers, Hand | 24,214 | 24,858 | **644** | 2.66% | 1,216 | 2,098 | 322 | 3,636 |
| 11-9013 | Farmers, Ranchers, and Other Agricultural Managers | 61,973 | 62,615 | **642** | 1.04% | 3,642 | 925 | 321 | 4,888 |
| 31-1014 | Nursing Assistants | 18,593 | 19,212 | **619** | 3.33% | 1,148 | 956 | 310 | 2,414 |
| 21-2011 | Clergy | 8,582 | 9,197 | **615** | 7.17% | 408 | 546 | 308 | 1,262 |
| 11-1021 | General and Operations Managers | 21,142 | 21,733 | **591** | 2.80% | 444 | 1,278 | 296 | 2,018 |
| 35-3031 | Waiters and Waitresses | 19,053 | 19,612 | **559** | 2.93% | 1,431 | 2,192 | 280 | 3,903 |
| 35-2014 | Cooks, Restaurant | 10,131 | 10,540 | **409** | 4.04% | 606 | 827 | 204 | 1,637 |
| 39-9011 | Childcare Workers | 12,788 | 13,193 | **405** | 3.17% | 1,060 | 804 | 202 | 2,066 |
| 43-4051 | Customer Service Representatives | 17,045 | 17,424 | **379** | 2.22% | 881 | 1,293 | 190 | 2,364 |
| 41-4012 | Sales Representatives, Wholesale and Manufacturing, Except Technical and Scientific Products | 14,661 | 15,036 | **375** | 2.56% | 490 | 994 | 188 | 1,672 |
| 49-9071 | Maintenance and Repair Workers, General | 12,620 | 12,987 | **367** | 2.91% | 522 | 712 | 184 | 1,418 |
| 51-9198 | Helpers--Production Workers | 9,431 | 9,796 | **365** | 3.87% | 516 | 916 | 182 | 1,614 |
| 47-2111 | Electricians | 6,162 | 6,492 | **330** | 5.36% | 220 | 470 | 165 | 855 |
| 29-2061 | Licensed Practical and Licensed Vocational Nurses | 12,854 | 13,176 | **322** | 2.51% | 459 | 452 | 161 | 1,072 |
| 35-1012 | First-Line Supervisors of Food Preparation and Serving Workers | 9,601 | 9,921 | **320** | 3.33% | 438 | 932 | 160 | 1,530 |

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

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **SOC Code** | **Standard Occupational Classification (SOC) Title** | **2017 Estimated Employment** | **2019 Projected Employment** | **Numeric Change** | **Percent Change** | **Annual Openings-Exits** | **Annual Openings-Transfers** | **Annual Openings-Change** | **Annual Openings-Total** |
| 49-3043 | Rail Car Repairers | 357 | 448 | 91 | **25.49%** | 12 | 26 | 46 | 84 |
| 15-2011 | Actuaries | 57 | 66 | 9 | **15.79%** | 1 | 3 | 4 | 8 |
| 43-9041 | Insurance Claims and Policy Processing Clerks | 2,688 | 2,976 | 288 | **10.71%** | 121 | 159 | 144 | 424 |
| 19-3022 | Survey Researchers | 58 | 64 | 6 | **10.34%** | 2 | 4 | 3 | 9 |
| 43-4181 | Reservation and Transportation Ticket Agents and Travel Clerks | 389 | 426 | 37 | **9.51%** | 18 | 24 | 18 | 60 |
| 51-6063 | Textile Knitting and Weaving Machine Setters, Operators, and Tenders | 170 | 186 | 16 | **9.41%** | 10 | 12 | 8 | 30 |
| 51-2091 | Fiberglass Laminators and Fabricators | 409 | 447 | 38 | **9.29%** | 18 | 31 | 19 | 68 |
| 13-2053 | Insurance Underwriters | 589 | 643 | 54 | **9.17%** | 16 | 33 | 27 | 76 |
| 47-2132 | Insulation Workers, Mechanical | 171 | 185 | 14 | **8.19%** | 5 | 14 | 7 | 26 |
| 29-1071 | Physician Assistants | 617 | 666 | 49 | **7.94%** | 11 | 22 | 24 | 57 |
| 17-3011 | Architectural and Civil Drafters | 520 | 561 | 41 | **7.88%** | 16 | 29 | 20 | 65 |
| 53-7041 | Hoist and Winch Operators | 89 | 96 | 7 | **7.87%** | 4 | 8 | 4 | 16 |
| 17-3012 | Electrical and Electronics Drafters | 150 | 161 | 11 | **7.33%** | 4 | 8 | 6 | 18 |
| 29-1171 | Nurse Practitioners | 1,719 | 1,844 | 125 | **7.27%** | 34 | 51 | 62 | 147 |
| 21-2011 | Clergy | 8,582 | 9,197 | 615 | **7.17%** | 408 | 546 | 308 | 1,262 |
| 17-1022 | Surveyors | 618 | 662 | 44 | **7.12%** | 18 | 26 | 22 | 66 |
| 47-3015 | Helpers--Pipelayers, Plumbers, Pipefitters, and Steamfitters | 450 | 482 | 32 | **7.11%** | 20 | 45 | 16 | 81 |
| 31-2011 | Occupational Therapy Assistants | 296 | 317 | 21 | **7.09%** | 16 | 22 | 10 | 48 |
| 31-2021 | Physical Therapist Assistants | 1,111 | 1,187 | 76 | **6.84%** | 50 | 84 | 38 | 172 |
| 49-9021 | Heating, Air Conditioning, and Refrigeration Mechanics and Installers | 3,144 | 3,357 | 213 | **6.77%** | 90 | 218 | 106 | 414 |

##### 

##### Top 20 Occupations by Annual Exits

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **SOC Code** | **Standard Occupational Classification (SOC) Title** | **2017 Estimated Employment** | **2019 Projected Employment** | **Numeric Change** | **Percent Change** | **Annual Openings-Exits** | **Annual Openings-Transfers** | **Annual Openings-Change** | **Total Annual Openings** |
| 11-9013 | Farmers, Ranchers, and Other Agricultural Managers | 61,973 | 62,615 | 642 | 1.04% | **3,642** | 925 | 321 | 4,888 |
| 41-2011 | Cashiers | 33,839 | 33,901 | 62 | 0.18% | **3,180** | 3,104 | 31 | 6,315 |
| 35-3021 | Combined Food Preparation and Serving Workers, Including Fast Food | 30,737 | 32,197 | 1,460 | 4.75% | **2,786** | 2,914 | 730 | 6,430 |
| 41-2031 | Retail Salespersons | 37,585 | 37,894 | 309 | 0.82% | **2,390** | 2,995 | 154 | 5,539 |
| 43-9061 | Office Clerks, General | 28,637 | 28,917 | 280 | 0.98% | **1,688** | 1,646 | 140 | 3,474 |
| 53-3032 | Heavy and Tractor-Trailer Truck Drivers | 35,258 | 36,112 | 854 | 2.42% | **1,513** | 2,242 | 427 | 4,182 |
| 35-3031 | Waiters and Waitresses | 19,053 | 19,612 | 559 | 2.93% | **1,431** | 2,192 | 280 | 3,903 |
| 39-9021 | Personal Care Aides | 17,248 | 17,986 | 738 | 4.28% | **1,406** | 1,059 | 369 | 2,834 |
| 37-2011 | Janitors and Cleaners, Except Maids and Housekeeping Cleaners | 19,690 | 20,448 | 758 | 3.85% | **1,306** | 1,262 | 379 | 2,947 |
| 53-7062 | Laborers and Freight, Stock, and Material Movers, Hand | 24,214 | 24,858 | 644 | 2.66% | **1,216** | 2,098 | 322 | 3,636 |
| 31-1014 | Nursing Assistants | 18,593 | 19,212 | 619 | 3.33% | **1,148** | 956 | 310 | 2,414 |
| 43-6014 | Secretaries and Administrative Assistants, Except Legal, Medical, and Executive | 20,942 | 20,967 | 25 | 0.12% | **1,129** | 1,098 | 12 | 2,239 |
| 39-9011 | Childcare Workers | 12,788 | 13,193 | 405 | 3.17% | **1,060** | 804 | 202 | 2,066 |
| 43-5081 | Stock Clerks and Order Fillers | 17,551 | 17,793 | 242 | 1.38% | **965** | 1,259 | 121 | 2,345 |
| 43-4051 | Customer Service Representatives | 17,045 | 17,424 | 379 | 2.22% | **881** | 1,293 | 190 | 2,364 |
| 43-3031 | Bookkeeping, Accounting, and Auditing Clerks | 13,628 | 13,784 | 156 | 1.14% | **848** | 658 | 78 | 1,584 |
| 37-2012 | Maids and Housekeeping Cleaners | 11,044 | 11,210 | 166 | 1.50% | **824** | 622 | 83 | 1,529 |
| 29-1141 | Registered Nurses | 25,182 | 26,183 | 1,001 | 3.98% | **736** | 558 | 500 | 1,794 |
| 35-2014 | Cooks, Restaurant | 10,131 | 10,540 | 409 | 4.04% | **606** | 827 | 204 | 1,637 |
| 25-9041 | Teacher Assistants | 10,799 | 11,032 | 233 | 2.16% | **599** | 498 | 116 | 1,213 |

Top 20 Occupations by Annual Transfers

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **SOC Code** | **Standard Occupational Classification (SOC) Title** | **2017 Estimated Employment** | **2019 Projected Employment** | **Numeric Change** | **Percent Change** | **Annual Openings-Exits** | **Annual Openings-Transfers** | **Annual Openings-Change** | **Annual Openings-Total** |
| 41-2011 | Cashiers | 33,839 | 33,901 | 62 | 0.18% | 3,180 | **3,104** | 31 | 6,315 |
| 41-2031 | Retail Salespersons | 37,585 | 37,894 | 309 | 0.82% | 2,390 | **2,995** | 154 | 5,539 |
| 35-3021 | Combined Food Preparation and Serving Workers, Including Fast Food | 30,737 | 32,197 | 1,460 | 4.75% | 2,786 | **2,914** | 730 | 6,430 |
| 53-3032 | Heavy and Tractor-Trailer Truck Drivers | 35,258 | 36,112 | 854 | 2.42% | 1,513 | **2,242** | 427 | 4,182 |
| 35-3031 | Waiters and Waitresses | 19,053 | 19,612 | 559 | 2.93% | 1,431 | **2,192** | 280 | 3,903 |
| 53-7062 | Laborers and Freight, Stock, and Material Movers, Hand | 24,214 | 24,858 | 644 | 2.66% | 1,216 | **2,098** | 322 | 3,636 |
| 43-9061 | Office Clerks, General | 28,637 | 28,917 | 280 | 0.98% | 1,688 | **1,646** | 140 | 3,474 |
| 43-4051 | Customer Service Representatives | 17,045 | 17,424 | 379 | 2.22% | 881 | **1,293** | 190 | 2,364 |
| 11-1021 | General and Operations Managers | 21,142 | 21,733 | 591 | 2.80% | 444 | **1,278** | 296 | 2,018 |
| 37-2011 | Janitors and Cleaners, Except Maids and Housekeeping Cleaners | 19,690 | 20,448 | 758 | 3.85% | 1,306 | **1,262** | 379 | 2,947 |
| 43-5081 | Stock Clerks and Order Fillers | 17,551 | 17,793 | 242 | 1.38% | 965 | **1,259** | 121 | 2,345 |
| 43-6014 | Secretaries and Administrative Assistants, Except Legal, Medical, and Executive | 20,942 | 20,967 | 25 | 0.12% | 1,129 | **1,098** | 12 | 2,239 |
| 41-1011 | First-Line Supervisors of Retail Sales Workers | 16,109 | 16,323 | 214 | 1.33% | 598 | **1,091** | 107 | 1,796 |
| 39-9021 | Personal Care Aides | 17,248 | 17,986 | 738 | 4.28% | 1,406 | **1,059** | 369 | 2,834 |
| 41-4012 | Sales Representatives, Wholesale and Manufacturing, Except Technical and Scientific Products | 14,661 | 15,036 | 375 | 2.56% | 490 | **994** | 188 | 1,672 |
| 31-1014 | Nursing Assistants | 18,593 | 19,212 | 619 | 3.33% | 1,148 | **956** | 310 | 2,414 |
| 35-1012 | First-Line Supervisors of Food Preparation and Serving Workers | 9,601 | 9,921 | 320 | 3.33% | 438 | **932** | 160 | 1,530 |
| 11-9013 | Farmers, Ranchers, and Other Agricultural Managers | 61,973 | 62,615 | 642 | 1.04% | 3,642 | **925** | 321 | 4,888 |
| 51-9198 | Helpers--Production Workers | 9,431 | 9,796 | 365 | 3.87% | 516 | **916** | 182 | 1,614 |
| 51-2092 | Team Assemblers | 12,596 | 12,459 | -137 | -1.09% | 535 | **908** | -68 | 1,375 |

Top 20 Occupations by Total Annual Openings

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **SOC Code** | **Standard Occupational Classification (SOC) Title** | **2017 Estimated Employment** | **2019 Projected Employment** | **Numeric Change** | **Percent Change** | **Annual Openings-Exits** | **Annual Openings-Transfers** | **Annual Openings-Change** | **Annual Openings-Total** |
| 35-3021 | Combined Food Preparation and Serving Workers, Including Fast Food | 30,737 | 32,197 | 1,460 | 4.75% | 2,786 | 2,914 | 730 | **6,430** |
| 41-2011 | Cashiers | 33,839 | 33,901 | 62 | 0.18% | 3,180 | 3,104 | 31 | **6,315** |
| 41-2031 | Retail Salespersons | 37,585 | 37,894 | 309 | 0.82% | 2,390 | 2,995 | 154 | **5,539** |
| 11-9013 | Farmers, Ranchers, and Other Agricultural Managers | 61,973 | 62,615 | 642 | 1.04% | 3,642 | 925 | 321 | **4,888** |
| 53-3032 | Heavy and Tractor-Trailer Truck Drivers | 35,258 | 36,112 | 854 | 2.42% | 1,513 | 2,242 | 427 | **4,182** |
| 35-3031 | Waiters and Waitresses | 19,053 | 19,612 | 559 | 2.93% | 1,431 | 2,192 | 280 | **3,903** |
| 53-7062 | Laborers and Freight, Stock, and Material Movers, Hand | 24,214 | 24,858 | 644 | 2.66% | 1,216 | 2,098 | 322 | **3,636** |
| 43-9061 | Office Clerks, General | 28,637 | 28,917 | 280 | 0.98% | 1,688 | 1,646 | 140 | **3,474** |
| 37-2011 | Janitors and Cleaners, Except Maids and Housekeeping Cleaners | 19,690 | 20,448 | 758 | 3.85% | 1,306 | 1,262 | 379 | **2,947** |
| 39-9021 | Personal Care Aides | 17,248 | 17,986 | 738 | 4.28% | 1,406 | 1,059 | 369 | **2,834** |
| 31-1014 | Nursing Assistants | 18,593 | 19,212 | 619 | 3.33% | 1,148 | 956 | 310 | **2,414** |
| 43-4051 | Customer Service Representatives | 17,045 | 17,424 | 379 | 2.22% | 881 | 1,293 | 190 | **2,364** |
| 43-5081 | Stock Clerks and Order Fillers | 17,551 | 17,793 | 242 | 1.38% | 965 | 1,259 | 121 | **2,345** |
| 43-6014 | Secretaries and Administrative Assistants, Except Legal, Medical, and Executive | 20,942 | 20,967 | 25 | 0.12% | 1,129 | 1,098 | 12 | **2,239** |
| 39-9011 | Childcare Workers | 12,788 | 13,193 | 405 | 3.17% | 1,060 | 804 | 202 | **2,066** |
| 11-1021 | General and Operations Managers | 21,142 | 21,733 | 591 | 2.80% | 444 | 1,278 | 296 | **2,018** |
| 41-1011 | First-Line Supervisors of Retail Sales Workers | 16,109 | 16,323 | 214 | 1.33% | 598 | 1,091 | 107 | **1,796** |
| 29-1141 | Registered Nurses | 25,182 | 26,183 | 1,001 | 3.98% | 736 | 558 | 500 | **1,794** |
| 41-4012 | Sales Representatives, Wholesale and Manufacturing, Except Technical and Scientific Products | 14,661 | 15,036 | 375 | 2.56% | 490 | 994 | 188 | **1,672** |
| 35-2014 | Cooks, Restaurant | 10,131 | 10,540 | 409 | 4.04% | 606 | 827 | 204 | **1,637** |

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

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **SOC Code** | **Standard Occupational Classification (SOC) Title** | **2017 Estimated Employment** | **2019 Projected Employment** | **Numeric Change** | **Percent Change** | **Annual Openings-Exits** | **Annual Openings-Transfers** | **Annual Openings-Change** | **Annual Openings-Total** |
| 51-2092 | Team Assemblers | 12,596 | 12,459 | **-137** | -1.09% | 535 | 908 | -68 | 1,375 |
| 45-2092 | Farmworkers and Laborers, Crop, Nursery, and Greenhouse | 6,870 | 6,738 | **-132** | -1.92% | 249 | 776 | -66 | 959 |
| 51-2022 | Electrical and Electronic Equipment Assemblers | 1,097 | 1,006 | **-91** | -8.30% | 54 | 68 | -46 | 76 |
| 51-4081 | Multiple Machine Tool Setters, Operators, and Tenders, Metal and Plastic | 1,640 | 1,577 | **-63** | -3.84% | 60 | 112 | -32 | 140 |
| 51-7011 | Cabinetmakers and Bench Carpenters | 1,573 | 1,515 | **-58** | -3.69% | 72 | 86 | -29 | 129 |
| 43-6011 | Executive Secretaries and Executive Administrative Assistants | 4,176 | 4,121 | **-55** | -1.32% | 224 | 218 | -28 | 414 |
| 51-2021 | Coil Winders, Tapers, and Finishers | 500 | 446 | **-54** | -10.80% | 24 | 31 | -27 | 28 |
| 33-3012 | Correctional Officers and Jailers | 5,344 | 5,291 | **-53** | -0.99% | 188 | 239 | -26 | 401 |
| 43-3071 | Tellers | 6,137 | 6,089 | **-48** | -0.78% | 313 | 393 | -24 | 682 |
| 25-1194 | Vocational Education Teachers, Postsecondary | 1,187 | 1,145 | **-42** | -3.54% | 42 | 44 | -21 | 65 |
| 51-2011 | Aircraft Structure, Surfaces, Rigging, and Systems Assemblers | 400 | 362 | **-38** | -9.50% | 16 | 24 | -19 | 21 |
| 51-4031 | Cutting, Punching, and Press Machine Setters, Operators, and Tenders, Metal and Plastic | 2,629 | 2,592 | **-37** | -1.41% | 94 | 198 | -18 | 274 |
| 47-5013 | Service Unit Operators, Oil, Gas, and Mining | 382 | 346 | **-36** | -9.42% | 9 | 34 | -18 | 25 |
| 15-1131 | Computer Programmers | 3,854 | 3,819 | **-35** | -0.91% | 67 | 171 | -18 | 220 |
| 29-2054 | Respiratory Therapy Technicians | 375 | 341 | **-34** | -9.07% | 12 | 16 | -17 | 11 |
| 43-9021 | Data Entry Keyers | 1,249 | 1,219 | **-30** | -2.40% | 64 | 80 | -15 | 129 |
| 47-5071 | Roustabouts, Oil and Gas | 318 | 288 | **-30** | -9.43% | 10 | 26 | -15 | 21 |
| 51-9196 | Paper Goods Machine Setters, Operators, and Tenders | 1,619 | 1,589 | **-30** | -1.85% | 58 | 104 | -15 | 147 |
| 51-4033 | Grinding, Lapping, Polishing, and Buffing Machine Tool Setters, Operators, and Tenders, Metal and Plastic | 509 | 480 | **-29** | -5.70% | 17 | 34 | -14 | 37 |
| 51-8093 | Petroleum Pump System Operators, Refinery Operators, and Gaugers | 605 | 577 | **-28** | -4.63% | 14 | 44 | -14 | 44 |

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

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **SOC Code** | **Standard Occupational Classification (SOC) Title** | **2017 Estimated Employment** | **2019 Projected Employment** | **Numeric Change** | **Percent Change** | **Annual Openings- Exits** | **Annual Openings-Transfers** | **Annual Openings-Change** | **Annual Openings-Total** |
| 47-5081 | Helpers--Extraction Workers | 51 | 44 | -7 | **-13.73%** | 2 | 4 | -4 | 2 |
| 47-5011 | Derrick Operators, Oil and Gas | 82 | 71 | -11 | **-13.41%** | 2 | 7 | -6 | 3 |
| 53-7073 | Wellhead Pumpers | 124 | 109 | -15 | **-12.10%** | 4 | 10 | -8 | 6 |
| 51-2021 | Coil Winders, Tapers, and Finishers | 500 | 446 | -54 | **-10.80%** | 24 | 31 | -27 | 28 |
| 51-2011 | Aircraft Structure, Surfaces, Rigging, and Systems Assemblers | 400 | 362 | -38 | **-9.50%** | 16 | 24 | -19 | 21 |
| 47-5071 | Roustabouts, Oil and Gas | 318 | 288 | -30 | **-9.43%** | 10 | 26 | -15 | 21 |
| 47-5013 | Service Unit Operators, Oil, Gas, and Mining | 382 | 346 | -36 | **-9.42%** | 9 | 34 | -18 | 25 |
| 29-2054 | Respiratory Therapy Technicians | 375 | 341 | -34 | **-9.07%** | 12 | 16 | -17 | 11 |
| 51-2022 | Electrical and Electronic Equipment Assemblers | 1,097 | 1,006 | -91 | **-8.30%** | 54 | 68 | -46 | 76 |
| 51-6021 | Pressers, Textile, Garment, and Related Materials | 364 | 342 | -22 | **-6.04%** | 21 | 23 | -11 | 33 |
| 51-4033 | Grinding, Lapping, Polishing, and Buffing Machine Tool Setters, Operators, and Tenders, Metal and Plastic | 509 | 480 | -29 | **-5.70%** | 17 | 34 | -14 | 37 |
| 23-1022 | Arbitrators, Mediators, and Conciliators | 106 | 100 | -6 | **-5.66%** | 2 | 2 | -3 | 1 |
| 51-4193 | Plating and Coating Machine Setters, Operators, and Tenders, Metal and Plastic | 186 | 177 | -9 | **-4.84%** | 4 | 14 | -4 | 14 |
| 51-8093 | Petroleum Pump System Operators, Refinery Operators, and Gaugers | 605 | 577 | -28 | **-4.63%** | 14 | 44 | -14 | 44 |
| 27-1023 | Floral Designers | 380 | 363 | -17 | **-4.47%** | 13 | 21 | -8 | 26 |
| 51-4111 | Tool and Die Makers | 471 | 452 | -19 | **-4.03%** | 18 | 25 | -10 | 33 |
| 51-4081 | Multiple Machine Tool Setters, Operators, and Tenders, Metal and Plastic | 1,640 | 1,577 | -63 | **-3.84%** | 60 | 112 | -32 | 140 |
| 51-7011 | Cabinetmakers and Bench Carpenters | 1,573 | 1,515 | -58 | **-3.69%** | 72 | 86 | -29 | 129 |
| 51-9123 | Painting, Coating, and Decorating Workers | 139 | 134 | -5 | **-3.60%** | 4 | 10 | -2 | 12 |
| 25-1194 | Vocational Education Teachers, Postsecondary | 1,187 | 1,145 | -42 | **-3.54%** | 42 | 44 | -21 | 65 |

|  | |  | |  | | **Annual Openings** | | | | **Education/Training Codes** | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **SOC Code** | **Standard Occupational Classification (SOC) Title** | **2017 Estimated Employment** | **2019 Projected Employment** | **Numeric Change** | **Percent Change** | **Exits** | **Transfers** | **Change** | **Total** | **Education** | **Work Experience** | **Job Training** |
| **00-0000** | **TOTAL, ALL OCCUPATIONS** | **1,380,666** | **1,413,430** | **32,764** | **2.37%** | **65,630** | **84,886** | **16,382** | **166,898** |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |
| **11-0000** | **MANAGEMENT OCCUPATIONS** | **132,671** | **135,384** | **2,713** | **2.04%** | **5,446** | **4,632** | **1,356** | **11,434** |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |
| ***11-1000*** | ***Top Executives*** | ***26,003*** | ***26,616*** | ***613*** | ***2.36%*** | ***583*** | ***1,480*** | ***306*** | ***2,369*** |  |  |  |
| 11-1011 | Chief Executives | 3,794 | 3,792 | -2 | -0.05% | 110 | 156 | -1 | 265 | 3 | 1 | 6 |
| 11-1021 | General and Operations Managers | 21,142 | 21,733 | 591 | 2.80% | 444 | 1,278 | 296 | 2,018 | 3 | 1 | 6 |
| 11-1031 | Legislators | 1,067 | 1,091 | 24 | 2.25% | 29 | 46 | 12 | 87 | 3 | 2 | 6 |
| ***11-2000*** | ***Advertising, Marketing, Promotions, Public Relations, and Sales Managers*** | ***4,559*** | ***4,729*** | ***170*** | ***3.73%*** | ***106*** | ***282*** | ***85*** | ***473*** |  |  |  |
| 11-2011 | Advertising and Promotions Managers | 120 | 124 | 4 | 3.33% | 3 | 9 | 2 | 14 | 3 | 2 | 6 |
| 11-2021 | Marketing Managers | 1,158 | 1,204 | 46 | 3.97% | 27 | 72 | 23 | 122 | 3 | 1 | 6 |
| 11-2022 | Sales Managers | 2,880 | 2,985 | 105 | 3.65% | 66 | 178 | 52 | 296 | 3 | 2 | 6 |
| 11-2031 | Public Relations and Fundraising Managers | 401 | 416 | 15 | 3.74% | 9 | 24 | 8 | 41 | 3 | 1 | 6 |
| ***11-3000*** | ***Operations Specialties Managers*** | ***12,369*** | ***12,766*** | ***397*** | ***3.21%*** | ***298*** | ***635*** | ***198*** | ***1,131*** |  |  |  |
| 11-3011 | Administrative Services Managers | 2,011 | 2,073 | 62 | 3.08% | 61 | 100 | 31 | 192 | 3 | 2 | 6 |
| 11-3021 | Computer and Information Systems Managers | 2,089 | 2,148 | 59 | 2.82% | 38 | 116 | 30 | 184 | 3 | 1 | 6 |
| 11-3031 | Financial Managers | 3,264 | 3,428 | 164 | 5.02% | 77 | 166 | 82 | 325 | 3 | 1 | 6 |
| 11-3051 | Industrial Production Managers | 1,708 | 1,745 | 37 | 2.17% | 40 | 79 | 18 | 137 | 3 | 1 | 6 |
| 11-3061 | Purchasing Managers | 541 | 551 | 10 | 1.85% | 16 | 27 | 5 | 48 | 3 | 1 | 6 |
| 11-3071 | Transportation, Storage, and Distribution Managers | 1,292 | 1,326 | 34 | 2.63% | 30 | 68 | 17 | 115 | 7 | 1 | 6 |
| 11-3111 | Compensation and Benefits Managers | 155 | 161 | 6 | 3.87% | 4 | 8 | 3 | 15 | 3 | 1 | 6 |
| 11-3121 | Human Resources Managers | 1,005 | 1,023 | 18 | 1.79% | 25 | 54 | 9 | 88 | 3 | 1 | 6 |
| 11-3131 | Training and Development Managers | 304 | 311 | 7 | 2.30% | 8 | 18 | 4 | 30 | 3 | 1 | 6 |
| ***11-9000*** | ***Other Management Occupations*** | ***89,740*** | ***91,273*** | ***1,533*** | ***1.71%*** | ***4,459*** | ***2,236*** | ***766*** | ***7,461*** |  |  |  |
| 11-9013 | Farmers, Ranchers, and Other Agricultural Managers | 61,973 | 62,615 | 642 | 1.04% | 3,642 | 925 | 321 | 4,888 | 7 | 1 | 6 |
| 11-9021 | Construction Managers | 2,478 | 2,551 | 73 | 2.95% | 58 | 112 | 36 | 206 | 3 | 3 | 4 |
| 11-9031 | Education Administrators, Preschool and Childcare Center/Program | 570 | 591 | 21 | 3.68% | 16 | 26 | 10 | 52 | 3 | 2 | 6 |
| 11-9032 | Education Administrators, Elementary and Secondary School | 2,459 | 2,506 | 47 | 1.91% | 70 | 113 | 24 | 207 | 2 | 1 | 6 |
| 11-9033 | Education Administrators, Postsecondary | 1,363 | 1,397 | 34 | 2.49% | 38 | 63 | 17 | 118 | 2 | 2 | 6 |
| 11-9039 | Education Administrators, All Other | 219 | 221 | 2 | 0.91% | 6 | 10 | 1 | 17 | 3 | 2 | 6 |
| 11-9041 | Architectural and Engineering Managers | 638 | 656 | 18 | 2.82% | 13 | 31 | 9 | 53 | 3 | 1 | 6 |
| 11-9051 | Food Service Managers | 2,037 | 2,111 | 74 | 3.63% | 66 | 153 | 37 | 256 | 7 | 2 | 6 |
| 11-9061 | Funeral Service Managers | 388 | 397 | 9 | 2.32% | 10 | 16 | 4 | 30 | 4 | 2 | 6 |
| 11-9081 | Lodging Managers | 360 | 370 | 10 | 2.78% | 12 | 24 | 5 | 41 | 7 | 2 | 6 |
| 11-9111 | Medical and Health Services Managers | 3,986 | 4,171 | 185 | 4.64% | 111 | 199 | 92 | 402 | 3 | 2 | 6 |
| 11-9121 | Natural Sciences Managers | 346 | 359 | 13 | 3.76% | 8 | 20 | 6 | 34 | 3 | 1 | 6 |
| 11-9131 | Postmasters and Mail Superintendents | 215 | 216 | 1 | 0.47% | 6 | 9 | 0 | 15 | 7 | 2 | 4 |
| 11-9141 | Property, Real Estate, and Community Association Managers | 2,898 | 2,975 | 77 | 2.66% | 122 | 98 | 38 | 258 | 7 | 2 | 6 |
| 11-9151 | Social and Community Service Managers | 1,751 | 1,814 | 63 | 3.60% | 58 | 93 | 32 | 183 | 3 | 2 | 6 |
| 11-9161 | Emergency Management Directors | 131 | 135 | 4 | 3.05% | 5 | 5 | 2 | 12 | 3 | 1 | 6 |
| 11-9199 | Managers, All Other | 7,928 | 8,188 | 260 | 3.28% | 218 | 338 | 130 | 686 | 3 | 2 | 6 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |
| **13-0000** | **BUSINESS AND FINANCIAL OPERATIONS OCCUPATIONS** | **55,145** | **56,938** | **1,793** | **3.25%** | **1,700** | **3,293** | **896** | **5,889** |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |
| ***13-1000*** | ***Business Operations Specialists*** | ***37,987*** | ***39,172*** | ***1,185*** | ***3.12%*** | ***1,186*** | ***2,354*** | ***592*** | ***4,132*** |  |  |  |
| 13-1021 | Buyers and Purchasing Agents, Farm Products | 120 | 119 | -1 | -0.83% | 6 | 8 | 0 | 14 | 3 | 3 | 4 |
| 13-1023 | Purchasing Agents, Except Wholesale, Retail, and Farm Products | 1,450 | 1,459 | 9 | 0.62% | 43 | 80 | 4 | 127 | 3 | 3 | 4 |
| 13-1031 | Claims Adjusters, Examiners, and Investigators | 1,512 | 1,548 | 36 | 2.38% | 38 | 85 | 18 | 141 | 7 | 3 | 3 |
| 13-1041 | Compliance Officers | 2,431 | 2,493 | 62 | 2.55% | 69 | 124 | 31 | 224 | 3 | 3 | 4 |
| 13-1051 | Cost Estimators | 1,123 | 1,165 | 42 | 3.74% | 36 | 74 | 21 | 131 | 3 | 3 | 4 |
| 13-1071 | Human Resources Specialists | 2,962 | 3,024 | 62 | 2.09% | 87 | 196 | 31 | 314 | 3 | 3 | 6 |
| 13-1075 | Labor Relations Specialists | 731 | 718 | -13 | -1.78% | 21 | 48 | -6 | 63 | 3 | 2 | 6 |
| 13-1081 | Logisticians | 1,425 | 1,482 | 57 | 4.00% | 36 | 102 | 28 | 166 | 3 | 3 | 6 |
| 13-1111 | Management Analysts | 4,479 | 4,661 | 182 | 4.06% | 147 | 236 | 91 | 474 | 3 | 2 | 6 |
| 13-1121 | Meeting, Convention, and Event Planners | 671 | 692 | 21 | 3.13% | 26 | 51 | 10 | 87 | 3 | 3 | 6 |
| 13-1131 | Fundraisers | 476 | 494 | 18 | 3.78% | 15 | 32 | 9 | 56 | 3 | 3 | 6 |
| 13-1141 | Compensation, Benefits, and Job Analysis Specialists | 764 | 789 | 25 | 3.27% | 20 | 42 | 12 | 74 | 3 | 2 | 6 |
| 13-1151 | Training and Development Specialists | 2,770 | 2,839 | 69 | 2.49% | 86 | 180 | 34 | 300 | 3 | 2 | 6 |
| 13-1161 | Market Research Analysts and Marketing Specialists | 3,397 | 3,612 | 215 | 6.33% | 93 | 240 | 108 | 441 | 3 | 3 | 6 |
| 13-1199 | Business Operations Specialists, All Other | 9,901 | 10,233 | 332 | 3.35% | 316 | 581 | 166 | 1,063 | 3 | 3 | 6 |
| ***13-2000*** | ***Financial Specialists*** | ***17,158*** | ***17,766*** | ***608*** | ***3.54%*** | ***514*** | ***938*** | ***304*** | ***1,756*** |  |  |  |
| 13-2011 | Accountants and Auditors | 7,840 | 8,107 | 267 | 3.41% | 236 | 459 | 134 | 829 | 3 | 3 | 6 |
| 13-2021 | Appraisers and Assessors of Real Estate | 803 | 829 | 26 | 3.24% | 28 | 24 | 13 | 65 | 3 | 3 | 3 |
| 13-2031 | Budget Analysts | 474 | 479 | 5 | 1.05% | 13 | 22 | 2 | 37 | 3 | 3 | 6 |
| 13-2041 | Credit Analysts | 521 | 540 | 19 | 3.65% | 12 | 30 | 10 | 52 | 3 | 3 | 6 |
| 13-2051 | Financial Analysts | 944 | 978 | 34 | 3.60% | 19 | 60 | 17 | 96 | 3 | 3 | 6 |
| 13-2052 | Personal Financial Advisors | 1,185 | 1,244 | 59 | 4.98% | 30 | 60 | 30 | 120 | 3 | 3 | 3 |
| 13-2053 | Insurance Underwriters | 589 | 643 | 54 | 9.17% | 16 | 33 | 27 | 76 | 3 | 3 | 4 |
| 13-2061 | Financial Examiners | 194 | 197 | 3 | 1.55% | 6 | 9 | 2 | 17 | 3 | 3 | 3 |
| 13-2071 | Credit Counselors | 129 | 131 | 2 | 1.55% | 3 | 7 | 1 | 11 | 3 | 3 | 4 |
| 13-2072 | Loan Officers | 2,443 | 2,516 | 73 | 2.99% | 60 | 138 | 36 | 234 | 3 | 3 | 4 |
| 13-2081 | Tax Examiners and Collectors, and Revenue Agents | 542 | 549 | 7 | 1.29% | 16 | 21 | 4 | 41 | 3 | 3 | 4 |
| 13-2082 | Tax Preparers | 1,162 | 1,210 | 48 | 4.13% | 64 | 58 | 24 | 146 | 7 | 3 | 4 |
| 13-2099 | Financial Specialists, All Other | 332 | 343 | 11 | 3.31% | 10 | 18 | 6 | 34 | 3 | 3 | 4 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |
| **15-0000** | **COMPUTER AND MATHEMATICAL OCCUPATIONS** | **24,993** | **25,655** | **662** | **2.65%** | **440** | **1,208** | **331** | **1,979** |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |
| ***15-1100*** | ***Computer Occupations*** | ***24,249*** | ***24,863*** | ***614*** | ***2.53%*** | ***424*** | ***1,176*** | ***307*** | ***1,907*** |  |  |  |
| 15-1121 | Computer Systems Analysts | 2,960 | 3,055 | 95 | 3.21% | 55 | 134 | 48 | 237 | 3 | 3 | 6 |
| 15-1131 | Computer Programmers | 3,854 | 3,819 | -35 | -0.91% | 67 | 171 | -18 | 220 | 3 | 3 | 6 |
| 15-1132 | Software Developers, Applications | 2,247 | 2,367 | 120 | 5.34% | 32 | 114 | 60 | 206 | 3 | 3 | 6 |
| 15-1133 | Software Developers, Systems Software | 1,022 | 1,030 | 8 | 0.78% | 14 | 50 | 4 | 68 | 3 | 3 | 6 |
| 15-1134 | Web Developers | 812 | 844 | 32 | 3.94% | 16 | 42 | 16 | 74 | 4 | 3 | 6 |
| 15-1141 | Database Administrators | 719 | 741 | 22 | 3.06% | 16 | 30 | 11 | 57 | 3 | 3 | 6 |
| 15-1142 | Network and Computer Systems Administrators | 3,228 | 3,297 | 69 | 2.14% | 46 | 154 | 34 | 234 | 3 | 3 | 6 |
| 15-1143 | Computer Network Architects | 1,487 | 1,529 | 42 | 2.82% | 21 | 74 | 21 | 116 | 3 | 1 | 6 |
| 15-1151 | Computer User Support Specialists | 4,134 | 4,237 | 103 | 2.49% | 85 | 216 | 52 | 353 | 6 | 3 | 6 |
| 15-1152 | Computer Network Support Specialists | 1,415 | 1,465 | 50 | 3.53% | 30 | 74 | 25 | 129 | 4 | 3 | 6 |
| 15-1199 | Computer Occupations, All Other | 724 | 734 | 10 | 1.38% | 14 | 34 | 5 | 53 | 3 | 3 | 6 |
| ***15-2000*** | ***Mathematical Science Occupations*** | ***744*** | ***792*** | ***48*** | ***6.45%*** | ***16*** | ***33*** | ***24*** | ***73*** |  |  |  |
| 15-2011 | Actuaries | 57 | 66 | 9 | 15.79% | 1 | 3 | 4 | 8 | 3 | 3 | 3 |
| 15-2031 | Operations Research Analysts | 439 | 465 | 26 | 5.92% | 10 | 17 | 13 | 40 | 3 | 3 | 6 |
| 15-2041 | Statisticians | 240 | 253 | 13 | 5.42% | 5 | 13 | 6 | 24 | 2 | 3 | 6 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |
| **17-0000** | **ARCHITECTURE AND ENGINEERING OCCUPATIONS** | **12,286** | **12,751** | **465** | **3.78%** | **317** | **578** | **232** | **1,127** |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |
| ***17-1000*** | ***Architects, Surveyors, and Cartographers*** | ***1,575*** | ***1,671*** | ***96*** | ***6.10%*** | ***44*** | ***70*** | ***48*** | ***162*** |  |  |  |
| 17-1011 | Architects, Except Landscape and Naval | 752 | 794 | 42 | 5.59% | 20 | 34 | 21 | 75 | 3 | 3 | 2 |
| 17-1012 | Landscape Architects | 136 | 144 | 8 | 5.88% | 4 | 6 | 4 | 14 | 3 | 3 | 2 |
| 17-1021 | Cartographers and Photogrammetrists | 69 | 71 | 2 | 2.90% | 2 | 3 | 1 | 6 | 3 | 3 | 6 |
| 17-1022 | Surveyors | 618 | 662 | 44 | 7.12% | 18 | 26 | 22 | 66 | 3 | 3 | 2 |
| ***17-2000*** | ***Engineers*** | ***7,187*** | ***7,425*** | ***238*** | ***3.31%*** | ***161*** | ***310*** | ***119*** | ***590*** |  |  |  |
| 17-2021 | Agricultural Engineers | 54 | 57 | 3 | 5.56% | 2 | 2 | 2 | 6 | 3 | 3 | 6 |
| 17-2031 | Biomedical Engineers | 65 | 68 | 3 | 4.62% | 2 | 3 | 2 | 7 | 3 | 3 | 6 |
| 17-2041 | Chemical Engineers | 132 | 137 | 5 | 3.79% | 3 | 6 | 2 | 11 | 3 | 3 | 6 |
| 17-2051 | Civil Engineers | 1,461 | 1,540 | 79 | 5.41% | 32 | 74 | 40 | 146 | 3 | 3 | 6 |
| 17-2061 | Computer Hardware Engineers | 191 | 194 | 3 | 1.57% | 4 | 8 | 2 | 14 | 3 | 3 | 6 |
| 17-2071 | Electrical Engineers | 899 | 924 | 25 | 2.78% | 20 | 36 | 12 | 68 | 3 | 3 | 6 |
| 17-2072 | Electronics Engineers, Except Computer | 349 | 360 | 11 | 3.15% | 8 | 14 | 6 | 28 | 3 | 3 | 6 |
| 17-2081 | Environmental Engineers | 188 | 199 | 11 | 5.85% | 4 | 8 | 6 | 18 | 3 | 3 | 6 |
| 17-2111 | Health and Safety Engineers, Except Mining Safety Engineers and Inspectors | 203 | 208 | 5 | 2.46% | 4 | 8 | 2 | 14 | 3 | 3 | 6 |
| 17-2112 | Industrial Engineers | 1,505 | 1,543 | 38 | 2.52% | 34 | 62 | 19 | 115 | 3 | 3 | 6 |
| 17-2131 | Materials Engineers | 48 | 51 | 3 | 6.25% | 2 | 2 | 2 | 6 | 3 | 3 | 6 |
| 17-2141 | Mechanical Engineers | 1,160 | 1,200 | 40 | 3.45% | 24 | 49 | 20 | 93 | 3 | 3 | 6 |
| 17-2171 | Petroleum Engineers | 82 | 78 | -4 | -4.88% | 2 | 4 | -2 | 4 | 3 | 3 | 6 |
| 17-2199 | Engineers, All Other | 559 | 585 | 26 | 4.65% | 13 | 23 | 13 | 49 | 3 | 3 | 6 |
| ***17-3000*** | ***Drafters, Engineering Technicians, and Mapping Technicians*** | ***3,524*** | ***3,655*** | ***131*** | ***3.72%*** | ***112*** | ***198*** | ***66*** | ***376*** |  |  |  |
| 17-3011 | Architectural and Civil Drafters | 520 | 561 | 41 | 7.88% | 16 | 29 | 20 | 65 | 4 | 3 | 6 |
| 17-3012 | Electrical and Electronics Drafters | 150 | 161 | 11 | 7.33% | 4 | 8 | 6 | 18 | 4 | 3 | 6 |
| 17-3013 | Mechanical Drafters | 244 | 256 | 12 | 4.92% | 8 | 14 | 6 | 28 | 4 | 3 | 6 |
| 17-3019 | Drafters, All Other | 95 | 100 | 5 | 5.26% | 3 | 6 | 2 | 11 | 4 | 3 | 6 |
| 17-3022 | Civil Engineering Technicians | 209 | 221 | 12 | 5.74% | 7 | 12 | 6 | 25 | 4 | 3 | 6 |
| 17-3023 | Electrical and Electronics Engineering Technicians | 606 | 610 | 4 | 0.66% | 20 | 32 | 2 | 54 | 4 | 3 | 6 |
| 17-3025 | Environmental Engineering Technicians | 192 | 198 | 6 | 3.13% | 6 | 10 | 3 | 19 | 4 | 3 | 6 |
| 17-3026 | Industrial Engineering Technicians | 352 | 352 | 0 | 0.00% | 11 | 18 | 0 | 29 | 4 | 3 | 6 |
| 17-3027 | Mechanical Engineering Technicians | 218 | 221 | 3 | 1.38% | 7 | 12 | 2 | 21 | 4 | 3 | 6 |
| 17-3029 | Engineering Technicians, Except Drafters, All Other | 480 | 492 | 12 | 2.50% | 16 | 26 | 6 | 48 | 4 | 3 | 6 |
| 17-3031 | Surveying and Mapping Technicians | 368 | 391 | 23 | 6.25% | 12 | 27 | 12 | 51 | 7 | 3 | 4 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |
| **19-0000** | **LIFE, PHYSICAL, AND SOCIAL SCIENCE OCCUPATIONS** | **7,631** | **7,825** | **194** | **2.54%** | **208** | **492** | **97** | **797** |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |
| ***19-1000*** | ***Life Scientists*** | ***2,255*** | ***2,298*** | ***43*** | ***1.91%*** | ***48*** | ***148*** | ***22*** | ***218*** |  |  |  |
| 19-1012 | Food Scientists and Technologists | 182 | 190 | 8 | 4.40% | 5 | 14 | 4 | 23 | 3 | 3 | 6 |
| 19-1013 | Soil and Plant Scientists | 177 | 181 | 4 | 2.26% | 5 | 13 | 2 | 20 | 3 | 3 | 6 |
| 19-1021 | Biochemists and Biophysicists | 79 | 83 | 4 | 5.06% | 2 | 5 | 2 | 9 | 1 | 3 | 6 |
| 19-1022 | Microbiologists | 175 | 178 | 3 | 1.71% | 4 | 12 | 2 | 18 | 3 | 3 | 6 |
| 19-1023 | Zoologists and Wildlife Biologists | 171 | 171 | 0 | 0.00% | 4 | 11 | 0 | 15 | 3 | 3 | 6 |
| 19-1029 | Biological Scientists, All Other | 314 | 314 | 0 | 0.00% | 6 | 20 | 0 | 26 | 3 | 3 | 6 |
| 19-1031 | Conservation Scientists | 288 | 291 | 3 | 1.04% | 6 | 18 | 2 | 26 | 3 | 3 | 6 |
| 19-1032 | Foresters | 322 | 327 | 5 | 1.55% | 6 | 20 | 2 | 28 | 3 | 3 | 6 |
| 19-1041 | Epidemiologists | 54 | 54 | 0 | 0.00% | 1 | 4 | 0 | 5 | 2 | 3 | 6 |
| 19-1042 | Medical Scientists, Except Epidemiologists | 374 | 387 | 13 | 3.48% | 7 | 24 | 6 | 37 | 1 | 3 | 6 |
| ***19-2000*** | ***Physical Scientists*** | ***1,169*** | ***1,212*** | ***43*** | ***3.68%*** | ***28*** | ***78*** | ***22*** | ***128*** |  |  |  |
| 19-2021 | Atmospheric and Space Scientists | 29 | 29 | 0 | 0.00% | 0 | 2 | 0 | 2 | 3 | 3 | 6 |
| 19-2031 | Chemists | 407 | 418 | 11 | 2.70% | 10 | 26 | 6 | 42 | 3 | 3 | 6 |
| 19-2041 | Environmental Scientists and Specialists, Including Health | 510 | 538 | 28 | 5.49% | 12 | 36 | 14 | 62 | 3 | 3 | 6 |
| 19-2042 | Geoscientists, Except Hydrologists and Geographers | 81 | 82 | 1 | 1.23% | 2 | 6 | 0 | 8 | 3 | 3 | 6 |
| 19-2043 | Hydrologists | 24 | 25 | 1 | 4.17% | 0 | 2 | 0 | 2 | 3 | 3 | 6 |
| 19-2099 | Physical Scientists, All Other | 42 | 43 | 1 | 2.38% | 1 | 2 | 0 | 3 | 3 | 3 | 6 |
| ***19-3000*** | ***Social Scientists and Related Workers*** | ***1,285*** | ***1,319*** | ***34*** | ***2.65%*** | ***32*** | ***61*** | ***17*** | ***110*** |  |  |  |
| 19-3011 | Economists | 99 | 100 | 1 | 1.01% | 2 | 6 | 0 | 8 | 2 | 3 | 6 |
| 19-3022 | Survey Researchers | 58 | 64 | 6 | 10.34% | 2 | 4 | 3 | 9 | 2 | 3 | 6 |
| 19-3031 | Clinical, Counseling, and School Psychologists | 649 | 670 | 21 | 3.24% | 16 | 25 | 10 | 51 | 1 | 3 | 2 |
| 19-3039 | Psychologists, All Other | 110 | 111 | 1 | 0.91% | 3 | 4 | 0 | 7 | 2 | 3 | 2 |
| 19-3051 | Urban and Regional Planners | 94 | 97 | 3 | 3.19% | 2 | 6 | 2 | 10 | 2 | 3 | 6 |
| 19-3091 | Anthropologists and Archeologists | 32 | 32 | 0 | 0.00% | 1 | 2 | 0 | 3 | 2 | 3 | 6 |
| ***19-4000*** | ***Life, Physical, and Social Science Technicians*** | ***2,922*** | ***2,996*** | ***74*** | ***2.53%*** | ***101*** | ***205*** | ***37*** | ***343*** |  |  |  |
| 19-4011 | Agricultural and Food Science Technicians | 539 | 552 | 13 | 2.41% | 15 | 39 | 6 | 60 | 4 | 3 | 4 |
| 19-4021 | Biological Technicians | 424 | 428 | 4 | 0.94% | 11 | 29 | 2 | 42 | 3 | 3 | 6 |
| 19-4031 | Chemical Technicians | 661 | 687 | 26 | 3.93% | 22 | 40 | 13 | 75 | 4 | 3 | 4 |
| 19-4061 | Social Science Research Assistants | 144 | 147 | 3 | 2.08% | 6 | 11 | 2 | 19 | 3 | 3 | 6 |
| 19-4091 | Environmental Science and Protection Technicians, Including Health | 179 | 187 | 8 | 4.47% | 8 | 14 | 4 | 26 | 4 | 3 | 6 |
| 19-4092 | Forensic Science Technicians | 151 | 156 | 5 | 3.31% | 6 | 12 | 2 | 20 | 3 | 3 | 4 |
| 19-4093 | Forest and Conservation Technicians | 270 | 270 | 0 | 0.00% | 11 | 20 | 0 | 31 | 4 | 3 | 6 |
| 19-4099 | Life, Physical, and Social Science Technicians, All Other | 466 | 480 | 14 | 3.00% | 19 | 35 | 7 | 61 | 4 | 3 | 6 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |
| **21-0000** | **COMMUNITY AND SOCIAL SERVICE OCCUPATIONS** | **24,774** | **25,942** | **1,168** | **4.71%** | **1,071** | **1,643** | **584** | **3,298** |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |
| ***21-1000*** | ***Counselors, Social Workers, and Other Community and Social Service Specialists*** | ***14,797*** | ***15,252*** | ***455*** | ***3.07%*** | ***582*** | ***995*** | ***228*** | ***1,805*** |  |  |  |
| 21-1011 | Substance Abuse and Behavioral Disorder Counselors | 754 | 792 | 38 | 5.04% | 28 | 50 | 19 | 97 | 3 | 3 | 6 |
| 21-1012 | Educational, Guidance, School, and Vocational Counselors | 2,251 | 2,310 | 59 | 2.62% | 84 | 149 | 30 | 263 | 2 | 3 | 6 |
| 21-1013 | Marriage and Family Therapists | 80 | 84 | 4 | 5.00% | 3 | 6 | 2 | 11 | 2 | 3 | 2 |
| 21-1014 | Mental Health Counselors | 849 | 889 | 40 | 4.71% | 32 | 57 | 20 | 109 | 2 | 3 | 2 |
| 21-1015 | Rehabilitation Counselors | 415 | 428 | 13 | 3.13% | 16 | 28 | 6 | 50 | 2 | 3 | 6 |
| 21-1019 | Counselors, All Other | 125 | 127 | 2 | 1.60% | 4 | 8 | 1 | 13 | 2 | 3 | 6 |
| 21-1021 | Child, Family, and School Social Workers | 1,624 | 1,663 | 39 | 2.40% | 59 | 104 | 20 | 183 | 3 | 3 | 6 |
| 21-1022 | Healthcare Social Workers | 1,441 | 1,499 | 58 | 4.02% | 53 | 94 | 29 | 176 | 2 | 3 | 2 |
| 21-1023 | Mental Health and Substance Abuse Social Workers | 889 | 932 | 43 | 4.84% | 32 | 58 | 22 | 112 | 2 | 3 | 2 |
| 21-1029 | Social Workers, All Other | 614 | 619 | 5 | 0.81% | 22 | 39 | 2 | 63 | 3 | 3 | 6 |
| 21-1091 | Health Educators | 243 | 250 | 7 | 2.88% | 11 | 18 | 4 | 33 | 3 | 3 | 6 |
| 21-1092 | Probation Officers and Correctional Treatment Specialists | 935 | 948 | 13 | 1.39% | 28 | 50 | 6 | 84 | 3 | 3 | 5 |
| 21-1093 | Social and Human Service Assistants | 3,872 | 3,981 | 109 | 2.82% | 176 | 281 | 54 | 511 | 7 | 3 | 5 |
| 21-1094 | Community Health Workers | 354 | 372 | 18 | 5.08% | 16 | 27 | 9 | 52 | 7 | 3 | 5 |
| 21-1099 | Community and Social Service Specialists, All Other | 351 | 358 | 7 | 1.99% | 16 | 26 | 4 | 46 | 3 | 3 | 6 |
| ***21-2000*** | ***Religious Workers*** | ***9,977*** | ***10,690*** | ***713*** | ***7.15%*** | ***490*** | ***648*** | ***356*** | ***1,494*** |  |  |  |
| 21-2011 | Clergy | 8,582 | 9,197 | 615 | 7.17% | 408 | 546 | 308 | 1,262 | 3 | 3 | 4 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |
| **23-0000** | **LEGAL OCCUPATIONS** | **7,583** | **7,817** | **234** | **3.09%** | **193** | **268** | **117** | **578** |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |
| ***23-1000*** | ***Lawyers, Judges, and Related Workers*** | ***4,791*** | ***4,920*** | ***129*** | ***2.69%*** | ***96*** | ***106*** | ***64*** | ***266*** |  |  |  |
| 23-1011 | Lawyers | 3,885 | 4,005 | 120 | 3.09% | 78 | 86 | 60 | 224 | 1 | 3 | 6 |
| 23-1012 | Judicial Law Clerks | 77 | 79 | 2 | 2.60% | 1 | 2 | 1 | 4 | 1 | 3 | 6 |
| 23-1021 | Administrative Law Judges, Adjudicators, and Hearing Officers | 390 | 397 | 7 | 1.79% | 8 | 8 | 4 | 20 | 1 | 1 | 5 |
| 23-1022 | Arbitrators, Mediators, and Conciliators | 106 | 100 | -6 | -5.66% | 2 | 2 | -3 | 1 | 3 | 2 | 4 |
| 23-1023 | Judges, Magistrate Judges, and Magistrates | 333 | 339 | 6 | 1.80% | 6 | 8 | 3 | 17 | 1 | 1 | 5 |
| ***23-2000*** | ***Legal Support Workers*** | ***2,792*** | ***2,897*** | ***105*** | ***3.76%*** | ***97*** | ***162*** | ***52*** | ***311*** |  |  |  |
| 23-2011 | Paralegals and Legal Assistants | 1,542 | 1,608 | 66 | 4.28% | 52 | 105 | 33 | 190 | 4 | 3 | 6 |
| 23-2091 | Court Reporters | 198 | 203 | 5 | 2.53% | 7 | 9 | 2 | 18 | 5 | 3 | 5 |
| 23-2093 | Title Examiners, Abstractors, and Searchers | 744 | 773 | 29 | 3.90% | 27 | 34 | 14 | 75 | 7 | 3 | 4 |
| 23-2099 | Legal Support Workers, All Other | 308 | 313 | 5 | 1.62% | 11 | 14 | 2 | 27 | 4 | 3 | 6 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |
| **25-0000** | **EDUCATION, TRAINING, AND LIBRARY OCCUPATIONS** | **78,683** | **80,393** | **1,710** | **2.17%** | **3,268** | **3,244** | **855** | **7,367** |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |
| ***25-1000*** | ***Postsecondary Teachers*** | ***15,134*** | ***15,516*** | ***382*** | ***2.52%*** | ***560*** | ***585*** | ***191*** | ***1,336*** |  |  |  |
| 25-1011 | Business Teachers, Postsecondary | 756 | 784 | 28 | 3.70% | 28 | 30 | 14 | 72 | 1 | 3 | 6 |
| 25-1021 | Computer Science Teachers, Postsecondary | 294 | 297 | 3 | 1.02% | 11 | 12 | 2 | 25 | 1 | 3 | 6 |
| 25-1022 | Mathematical Science Teachers, Postsecondary | 465 | 471 | 6 | 1.29% | 17 | 18 | 3 | 38 | 1 | 3 | 6 |
| 25-1031 | Architecture Teachers, Postsecondary | 67 | 69 | 2 | 2.99% | 2 | 2 | 1 | 5 | 1 | 3 | 6 |
| 25-1032 | Engineering Teachers, Postsecondary | 342 | 352 | 10 | 2.92% | 12 | 13 | 5 | 30 | 1 | 3 | 6 |
| 25-1041 | Agricultural Sciences Teachers, Postsecondary | 151 | 153 | 2 | 1.32% | 6 | 6 | 1 | 13 | 1 | 3 | 6 |
| 25-1042 | Biological Science Teachers, Postsecondary | 491 | 505 | 14 | 2.85% | 18 | 19 | 7 | 44 | 1 | 3 | 6 |
| 25-1051 | Atmospheric, Earth, Marine, and Space Sciences Teachers, Postsecondary | 97 | 98 | 1 | 1.03% | 4 | 4 | 0 | 8 | 1 | 3 | 6 |
| 25-1052 | Chemistry Teachers, Postsecondary | 193 | 197 | 4 | 2.07% | 7 | 8 | 2 | 17 | 1 | 3 | 6 |
| 25-1053 | Environmental Science Teachers, Postsecondary | 50 | 51 | 1 | 2.00% | 2 | 2 | 0 | 4 | 1 | 3 | 6 |
| 25-1054 | Physics Teachers, Postsecondary | 126 | 129 | 3 | 2.38% | 4 | 5 | 2 | 11 | 1 | 3 | 6 |
| 25-1061 | Anthropology and Archeology Teachers, Postsecondary | 51 | 52 | 1 | 1.96% | 2 | 2 | 0 | 4 | 1 | 3 | 6 |
| 25-1062 | Area, Ethnic, and Cultural Studies Teachers, Postsecondary | 83 | 85 | 2 | 2.41% | 3 | 3 | 1 | 7 | 1 | 3 | 6 |
| 25-1063 | Economics Teachers, Postsecondary | 119 | 122 | 3 | 2.52% | 4 | 4 | 2 | 10 | 1 | 3 | 6 |
| 25-1064 | Geography Teachers, Postsecondary | 37 | 37 | 0 | 0.00% | 2 | 2 | 0 | 4 | 1 | 3 | 6 |
| 25-1065 | Political Science Teachers, Postsecondary | 153 | 157 | 4 | 2.61% | 6 | 6 | 2 | 14 | 1 | 3 | 6 |
| 25-1066 | Psychology Teachers, Postsecondary | 342 | 351 | 9 | 2.63% | 12 | 13 | 4 | 29 | 1 | 3 | 6 |
| 25-1067 | Sociology Teachers, Postsecondary | 132 | 135 | 3 | 2.27% | 5 | 5 | 2 | 12 | 1 | 3 | 6 |
| 25-1069 | Social Sciences Teachers, Postsecondary, All Other | 118 | 119 | 1 | 0.85% | 4 | 4 | 0 | 8 | 1 | 3 | 6 |
| 25-1071 | Health Specialties Teachers, Postsecondary | 2,720 | 2,882 | 162 | 5.96% | 102 | 107 | 81 | 290 | 1 | 2 | 6 |
| 25-1072 | Nursing Instructors and Teachers, Postsecondary | 560 | 588 | 28 | 5.00% | 21 | 22 | 14 | 57 | 1 | 2 | 6 |
| 25-1081 | Education Teachers, Postsecondary | 525 | 537 | 12 | 2.29% | 20 | 20 | 6 | 46 | 1 | 2 | 6 |
| 25-1082 | Library Science Teachers, Postsecondary | 43 | 44 | 1 | 2.33% | 2 | 2 | 0 | 4 | 1 | 3 | 6 |
| 25-1112 | Law Teachers, Postsecondary | 150 | 154 | 4 | 2.67% | 6 | 6 | 2 | 14 | 1 | 2 | 6 |
| 25-1121 | Art, Drama, and Music Teachers, Postsecondary | 840 | 859 | 19 | 2.26% | 31 | 32 | 10 | 73 | 2 | 3 | 6 |
| 25-1122 | Communications Teachers, Postsecondary | 252 | 257 | 5 | 1.98% | 10 | 10 | 2 | 22 | 1 | 3 | 6 |
| 25-1123 | English Language and Literature Teachers, Postsecondary | 633 | 642 | 9 | 1.42% | 24 | 24 | 4 | 52 | 1 | 3 | 6 |
| 25-1124 | Foreign Language and Literature Teachers, Postsecondary | 238 | 243 | 5 | 2.10% | 9 | 9 | 2 | 20 | 1 | 3 | 6 |
| 25-1125 | History Teachers, Postsecondary | 198 | 202 | 4 | 2.02% | 8 | 8 | 2 | 18 | 1 | 3 | 6 |
| 25-1126 | Philosophy and Religion Teachers, Postsecondary | 217 | 223 | 6 | 2.76% | 8 | 8 | 3 | 19 | 1 | 3 | 6 |
| 25-1191 | Graduate Teaching Assistants | 1,329 | 1,361 | 32 | 2.41% | 50 | 52 | 16 | 118 | 3 | 3 | 6 |
| 25-1193 | Recreation and Fitness Studies Teachers, Postsecondary | 154 | 157 | 3 | 1.95% | 6 | 6 | 2 | 14 | 1 | 3 | 6 |
| 25-1194 | Vocational Education Teachers, Postsecondary | 1,187 | 1,145 | -42 | -3.54% | 42 | 44 | -21 | 65 | 3 | 2 | 6 |
| 25-1199 | Postsecondary Teachers, All Other | 1,738 | 1,768 | 30 | 1.73% | 64 | 67 | 15 | 146 | 1 | 3 | 6 |
| ***25-2000*** | ***Preschool, Primary, Secondary, and Special Education School Teachers*** | ***39,879*** | ***40,697*** | ***818*** | ***2.05%*** | ***1,356*** | ***1,579*** | ***409*** | ***3,344*** |  |  |  |
| 25-2011 | Preschool Teachers, Except Special Education | 3,368 | 3,484 | 116 | 3.44% | 148 | 183 | 58 | 389 | 4 | 3 | 6 |
| 25-2012 | Kindergarten Teachers, Except Special Education | 1,824 | 1,863 | 39 | 2.14% | 80 | 98 | 20 | 198 | 3 | 3 | 6 |
| 25-2021 | Elementary School Teachers, Except Special Education | 12,896 | 13,141 | 245 | 1.90% | 430 | 482 | 122 | 1,034 | 3 | 3 | 6 |
| 25-2022 | Middle School Teachers, Except Special and Career/Technical Education | 6,149 | 6,270 | 121 | 1.97% | 205 | 230 | 60 | 495 | 3 | 3 | 6 |
| 25-2023 | Career/Technical Education Teachers, Middle School | 95 | 96 | 1 | 1.05% | 3 | 4 | 0 | 7 | 3 | 2 | 6 |
| 25-2031 | Secondary School Teachers, Except Special and Career/Technical Education | 10,507 | 10,699 | 192 | 1.83% | 325 | 396 | 96 | 817 | 3 | 3 | 6 |
| 25-2032 | Career/Technical Education Teachers, Secondary School | 1,195 | 1,214 | 19 | 1.59% | 37 | 45 | 10 | 92 | 3 | 2 | 6 |
| 25-2051 | Special Education Teachers, Preschool | 636 | 659 | 23 | 3.62% | 22 | 24 | 12 | 58 | 3 | 3 | 6 |
| 25-2052 | Special Education Teachers, Kindergarten and Elementary School | 1,076 | 1,097 | 21 | 1.95% | 36 | 40 | 10 | 86 | 3 | 3 | 6 |
| 25-2053 | Special Education Teachers, Middle School | 644 | 655 | 11 | 1.71% | 22 | 24 | 6 | 52 | 3 | 3 | 6 |
| 25-2054 | Special Education Teachers, Secondary School | 1,358 | 1,384 | 26 | 1.91% | 46 | 50 | 13 | 109 | 3 | 3 | 6 |
| 25-2059 | Special Education Teachers, All Other | 131 | 135 | 4 | 3.05% | 4 | 5 | 2 | 11 | 3 | 3 | 6 |
| ***25-3000*** | ***Other Teachers and Instructors*** | ***8,214*** | ***8,384*** | ***170*** | ***2.07%*** | ***506*** | ***388*** | ***85*** | ***979*** |  |  |  |
| 25-3021 | Self-Enrichment Education Teachers | 761 | 788 | 27 | 3.55% | 47 | 36 | 14 | 97 | 7 | 2 | 6 |
| 25-3097 | Teachers and Instructors, All Other, Except Substitute Teachers | 1,499 | 1,528 | 29 | 1.93% | 92 | 71 | 14 | 177 | 3 | 3 | 6 |
| ***25-4000*** | ***Librarians, Curators, and Archivists*** | ***2,203*** | ***2,262*** | ***59*** | ***2.68%*** | ***129*** | ***92*** | ***30*** | ***251*** |  |  |  |
| 25-4011 | Archivists | 53 | 53 | 0 | 0.00% | 2 | 3 | 0 | 5 | 2 | 3 | 6 |
| 25-4012 | Curators | 67 | 69 | 2 | 2.99% | 3 | 4 | 1 | 8 | 2 | 3 | 6 |
| 25-4013 | Museum Technicians and Conservators | 77 | 82 | 5 | 6.49% | 4 | 4 | 2 | 10 | 3 | 3 | 6 |
| 25-4021 | Librarians | 1,626 | 1,669 | 43 | 2.64% | 90 | 62 | 22 | 174 | 2 | 3 | 6 |
| 25-4031 | Library Technicians | 380 | 389 | 9 | 2.37% | 30 | 20 | 4 | 54 | 5 | 3 | 6 |
| ***25-9000*** | ***Other Education, Training, and Library Occupations*** | ***13,253*** | ***13,534*** | ***281*** | ***2.12%*** | ***718*** | ***599*** | ***140*** | ***1,457*** |  |  |  |
| 25-9011 | Audio-Visual and Multimedia Collections Specialists | 78 | 80 | 2 | 2.56% | 4 | 3 | 1 | 8 | 3 | 2 | 6 |
| 25-9021 | Farm and Home Management Advisors | 279 | 284 | 5 | 1.79% | 14 | 12 | 2 | 28 | 2 | 3 | 6 |
| 25-9031 | Instructional Coordinators | 1,621 | 1,655 | 34 | 2.10% | 78 | 67 | 17 | 162 | 2 | 1 | 6 |
| 25-9041 | Teacher Assistants | 10,799 | 11,032 | 233 | 2.16% | 599 | 498 | 116 | 1,213 | 6 | 3 | 6 |
| 25-9099 | Education, Training, and Library Workers, All Other | 476 | 483 | 7 | 1.47% | 23 | 20 | 4 | 47 | 3 | 3 | 6 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |
| **27-0000** | **ARTS, DESIGN, ENTERTAINMENT, SPORTS, AND MEDIA OCCUPATIONS** | **13,572** | **13,909** | **337** | **2.48%** | **572** | **752** | **168** | **1,492** |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |
| ***27-1000*** | ***Art and Design Workers*** | ***3,884*** | ***3,942*** | ***58*** | ***1.49%*** | ***147*** | ***204*** | ***29*** | ***380*** |  |  |  |
| 27-1011 | Art Directors | 168 | 172 | 4 | 2.38% | 8 | 5 | 2 | 15 | 3 | 1 | 6 |
| 27-1013 | Fine Artists, Including Painters, Sculptors, and Illustrators | 280 | 293 | 13 | 4.64% | 14 | 8 | 6 | 28 | 3 | 3 | 3 |
| 27-1014 | Multimedia Artists and Animators | 127 | 130 | 3 | 2.36% | 6 | 4 | 2 | 12 | 3 | 3 | 6 |
| 27-1019 | Artists and Related Workers, All Other | 21 | 22 | 1 | 4.76% | 1 | 0 | 0 | 1 | 8 | 3 | 3 |
| 27-1021 | Commercial and Industrial Designers | 124 | 128 | 4 | 3.23% | 4 | 7 | 2 | 13 | 3 | 3 | 6 |
| 27-1023 | Floral Designers | 380 | 363 | -17 | -4.47% | 13 | 21 | -8 | 26 | 7 | 3 | 4 |
| 27-1024 | Graphic Designers | 1,547 | 1,567 | 20 | 1.29% | 55 | 88 | 10 | 153 | 3 | 3 | 6 |
| 27-1025 | Interior Designers | 269 | 272 | 3 | 1.12% | 10 | 15 | 2 | 27 | 3 | 3 | 6 |
| 27-1026 | Merchandise Displayers and Window Trimmers | 673 | 689 | 16 | 2.38% | 24 | 38 | 8 | 70 | 7 | 3 | 5 |
| ***27-2000*** | ***Entertainers and Performers, Sports and Related Workers*** | ***4,098*** | ***4,273*** | ***175*** | ***4.27%*** | ***224*** | ***244*** | ***88*** | ***556*** |  |  |  |
| 27-2012 | Producers and Directors | 395 | 409 | 14 | 3.54% | 10 | 25 | 7 | 42 | 3 | 2 | 6 |
| 27-2022 | Coaches and Scouts | 1,647 | 1,719 | 72 | 4.37% | 94 | 127 | 36 | 257 | 3 | 3 | 6 |
| 27-2041 | Music Directors and Composers | 603 | 636 | 33 | 5.47% | 36 | 23 | 16 | 75 | 3 | 2 | 6 |
| ***27-3000*** | ***Media and Communication Workers*** | ***3,619*** | ***3,691*** | ***72*** | ***1.99%*** | ***126*** | ***216*** | ***36*** | ***378*** |  |  |  |
| 27-3011 | Radio and Television Announcers | 435 | 435 | 0 | 0.00% | 18 | 22 | 0 | 40 | 3 | 3 | 6 |
| 27-3021 | Broadcast News Analysts | 36 | 37 | 1 | 2.78% | 1 | 2 | 0 | 3 | 3 | 3 | 6 |
| 27-3022 | Reporters and Correspondents | 386 | 388 | 2 | 0.52% | 12 | 26 | 1 | 39 | 3 | 3 | 6 |
| 27-3031 | Public Relations Specialists | 1,123 | 1,143 | 20 | 1.78% | 32 | 76 | 10 | 118 | 3 | 3 | 6 |
| 27-3041 | Editors | 713 | 732 | 19 | 2.66% | 24 | 46 | 10 | 80 | 3 | 2 | 6 |
| 27-3042 | Technical Writers | 191 | 198 | 7 | 3.66% | 6 | 12 | 4 | 22 | 3 | 2 | 5 |
| 27-3043 | Writers and Authors | 395 | 408 | 13 | 3.29% | 17 | 17 | 6 | 40 | 3 | 3 | 3 |
| 27-3099 | Media and Communication Workers, All Other | 53 | 54 | 1 | 1.89% | 2 | 2 | 0 | 4 | 7 | 3 | 5 |
| ***27-4000*** | ***Media and Communication Equipment Workers*** | ***1,971*** | ***2,003*** | ***32*** | ***1.62%*** | ***75*** | ***88*** | ***16*** | ***179*** |  |  |  |
| 27-4011 | Audio and Video Equipment Technicians | 268 | 279 | 11 | 4.10% | 8 | 17 | 6 | 31 | 5 | 3 | 5 |
| 27-4012 | Broadcast Technicians | 107 | 110 | 3 | 2.80% | 3 | 6 | 2 | 11 | 4 | 3 | 5 |
| 27-4014 | Sound Engineering Technicians | 46 | 42 | -4 | -8.70% | 1 | 2 | -2 | 1 | 5 | 3 | 5 |
| 27-4021 | Photographers | 1,305 | 1,316 | 11 | 0.84% | 56 | 46 | 6 | 108 | 7 | 3 | 3 |
| 27-4031 | Camera Operators, Television, Video, and Motion Picture | 100 | 103 | 3 | 3.00% | 3 | 6 | 2 | 11 | 3 | 3 | 6 |
| 27-4032 | Film and Video Editors | 113 | 120 | 7 | 6.19% | 4 | 8 | 4 | 16 | 3 | 3 | 6 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |
| **29-0000** | **HEALTHCARE PRACTITIONERS AND TECHNICAL OCCUPATIONS** | **83,406** | **86,585** | **3,179** | **3.81%** | **2,298** | **2,256** | **1,590** | **6,144** |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |
| ***29-1000*** | ***Health Diagnosing and Treating Practitioners*** | ***48,195*** | ***50,245*** | ***2,050*** | ***4.25%*** | ***1,186*** | ***1,019*** | ***1,025*** | ***3,230*** |  |  |  |
| 29-1011 | Chiropractors | 501 | 523 | 22 | 4.39% | 8 | 4 | 11 | 23 | 1 | 3 | 6 |
| 29-1021 | Dentists, General | 876 | 911 | 35 | 4.00% | 16 | 6 | 18 | 40 | 1 | 3 | 6 |
| 29-1023 | Orthodontists | 39 | 40 | 1 | 2.56% | 0 | 0 | 0 | 0 | 1 | 3 | 2 |
| 29-1029 | Dentists, All Other Specialists | 27 | 28 | 1 | 3.70% | 0 | 0 | 0 | 0 | 1 | 3 | 2 |
| 29-1031 | Dietitians and Nutritionists | 539 | 558 | 19 | 3.53% | 17 | 16 | 10 | 43 | 3 | 3 | 2 |
| 29-1041 | Optometrists | 370 | 390 | 20 | 5.41% | 6 | 5 | 10 | 21 | 1 | 3 | 6 |
| 29-1051 | Pharmacists | 3,646 | 3,772 | 126 | 3.46% | 86 | 72 | 63 | 221 | 1 | 3 | 6 |
| 29-1061 | Anesthesiologists | 140 | 146 | 6 | 4.29% | 2 | 2 | 3 | 7 | 1 | 3 | 2 |
| 29-1062 | Family and General Practitioners | 1,492 | 1,546 | 54 | 3.62% | 22 | 17 | 27 | 66 | 1 | 3 | 2 |
| 29-1063 | Internists, General | 387 | 400 | 13 | 3.36% | 6 | 4 | 6 | 16 | 1 | 3 | 2 |
| 29-1064 | Obstetricians and Gynecologists | 202 | 207 | 5 | 2.48% | 3 | 2 | 2 | 7 | 1 | 3 | 2 |
| 29-1065 | Pediatricians, General | 143 | 149 | 6 | 4.20% | 2 | 2 | 3 | 7 | 1 | 3 | 2 |
| 29-1066 | Psychiatrists | 334 | 349 | 15 | 4.49% | 5 | 4 | 8 | 17 | 1 | 3 | 2 |
| 29-1067 | Surgeons | 482 | 499 | 17 | 3.53% | 7 | 6 | 8 | 21 | 1 | 3 | 2 |
| 29-1069 | Physicians and Surgeons, All Other | 2,968 | 3,040 | 72 | 2.43% | 44 | 33 | 36 | 113 | 1 | 3 | 2 |
| 29-1071 | Physician Assistants | 617 | 666 | 49 | 7.94% | 11 | 22 | 24 | 57 | 2 | 3 | 6 |
| 29-1081 | Podiatrists | 78 | 80 | 2 | 2.56% | 2 | 2 | 1 | 5 | 1 | 3 | 2 |
| 29-1122 | Occupational Therapists | 1,185 | 1,259 | 74 | 6.24% | 25 | 34 | 37 | 96 | 2 | 3 | 6 |
| 29-1123 | Physical Therapists | 2,274 | 2,415 | 141 | 6.20% | 45 | 49 | 70 | 164 | 1 | 3 | 6 |
| 29-1124 | Radiation Therapists | 340 | 357 | 17 | 5.00% | 9 | 8 | 8 | 25 | 4 | 3 | 6 |
| 29-1125 | Recreational Therapists | 66 | 66 | 0 | 0.00% | 2 | 2 | 0 | 4 | 3 | 3 | 6 |
| 29-1126 | Respiratory Therapists | 938 | 998 | 60 | 6.40% | 23 | 22 | 30 | 75 | 4 | 3 | 6 |
| 29-1127 | Speech-Language Pathologists | 2,115 | 2,231 | 116 | 5.48% | 40 | 68 | 58 | 166 | 2 | 3 | 2 |
| 29-1128 | Exercise Physiologists | 88 | 91 | 3 | 3.41% | 2 | 2 | 2 | 6 | 3 | 3 | 6 |
| 29-1129 | Therapists, All Other | 41 | 42 | 1 | 2.44% | 1 | 1 | 0 | 2 | 3 | 3 | 6 |
| 29-1131 | Veterinarians | 716 | 740 | 24 | 3.35% | 14 | 12 | 12 | 38 | 1 | 3 | 6 |
| 29-1141 | Registered Nurses | 25,182 | 26,183 | 1,001 | 3.98% | 736 | 558 | 500 | 1,794 | 3 | 3 | 6 |
| 29-1151 | Nurse Anesthetists | 348 | 363 | 15 | 4.31% | 5 | 12 | 8 | 25 | 2 | 3 | 6 |
| 29-1171 | Nurse Practitioners | 1,719 | 1,844 | 125 | 7.27% | 34 | 51 | 62 | 147 | 2 | 3 | 6 |
| 29-1181 | Audiologists | 78 | 82 | 4 | 5.13% | 2 | 2 | 2 | 6 | 1 | 3 | 6 |
| 29-1199 | Health Diagnosing and Treating Practitioners, All Other | 198 | 201 | 3 | 1.52% | 8 | 2 | 2 | 12 | 2 | 3 | 6 |
| ***29-2000*** | ***Health Technologists and Technicians*** | ***33,737*** | ***34,822*** | ***1,085*** | ***3.22%*** | ***1,080*** | ***1,196*** | ***542*** | ***2,818*** |  |  |  |
| 29-2011 | Medical and Clinical Laboratory Technologists | 1,153 | 1,191 | 38 | 3.30% | 36 | 36 | 19 | 91 | 3 | 3 | 6 |
| 29-2012 | Medical and Clinical Laboratory Technicians | 1,471 | 1,519 | 48 | 3.26% | 46 | 45 | 24 | 115 | 4 | 3 | 6 |
| 29-2021 | Dental Hygienists | 1,439 | 1,490 | 51 | 3.54% | 53 | 33 | 26 | 112 | 4 | 3 | 6 |
| 29-2031 | Cardiovascular Technologists and Technicians | 635 | 659 | 24 | 3.78% | 16 | 16 | 12 | 44 | 4 | 3 | 6 |
| 29-2032 | Diagnostic Medical Sonographers | 527 | 558 | 31 | 5.88% | 14 | 14 | 16 | 44 | 4 | 3 | 6 |
| 29-2033 | Nuclear Medicine Technologists | 187 | 193 | 6 | 3.21% | 5 | 4 | 3 | 12 | 4 | 3 | 6 |
| 29-2034 | Radiologic Technologists | 2,179 | 2,254 | 75 | 3.44% | 58 | 55 | 38 | 151 | 4 | 3 | 6 |
| 29-2035 | Magnetic Resonance Imaging Technologists | 367 | 380 | 13 | 3.54% | 10 | 10 | 6 | 26 | 4 | 2 | 6 |
| 29-2041 | Emergency Medical Technicians and Paramedics | 2,137 | 2,211 | 74 | 3.46% | 38 | 90 | 37 | 165 | 5 | 3 | 6 |
| 29-2051 | Dietetic Technicians | 175 | 180 | 5 | 2.86% | 6 | 8 | 2 | 16 | 4 | 3 | 6 |
| 29-2052 | Pharmacy Technicians | 4,034 | 4,240 | 206 | 5.11% | 134 | 184 | 103 | 421 | 7 | 3 | 4 |
| 29-2053 | Psychiatric Technicians | 857 | 863 | 6 | 0.70% | 28 | 38 | 3 | 69 | 5 | 2 | 5 |
| 29-2054 | Respiratory Therapy Technicians | 375 | 341 | -34 | -9.07% | 12 | 16 | -17 | 11 | 4 | 3 | 6 |
| 29-2055 | Surgical Technologists | 1,125 | 1,167 | 42 | 3.73% | 37 | 51 | 21 | 109 | 5 | 3 | 6 |
| 29-2056 | Veterinary Technologists and Technicians | 375 | 387 | 12 | 3.20% | 12 | 17 | 6 | 35 | 4 | 3 | 6 |
| 29-2057 | Ophthalmic Medical Technicians | 256 | 270 | 14 | 5.47% | 8 | 12 | 7 | 27 | 5 | 3 | 6 |
| 29-2061 | Licensed Practical and Licensed Vocational Nurses | 12,854 | 13,176 | 322 | 2.51% | 459 | 452 | 161 | 1,072 | 5 | 3 | 6 |
| 29-2071 | Medical Records and Health Information Technicians | 1,985 | 2,061 | 76 | 3.83% | 60 | 60 | 38 | 158 | 5 | 3 | 6 |
| 29-2081 | Opticians, Dispensing | 493 | 516 | 23 | 4.67% | 16 | 18 | 12 | 46 | 7 | 3 | 3 |
| 29-2099 | Health Technologists and Technicians, All Other | 1,015 | 1,063 | 48 | 4.73% | 29 | 34 | 24 | 87 | 5 | 3 | 6 |
| ***29-9000*** | ***Other Healthcare Practitioners and Technical Occupations*** | ***1,474*** | ***1,518*** | ***44*** | ***2.99%*** | ***33*** | ***42*** | ***22*** | ***97*** |  |  |  |
| 29-9011 | Occupational Health and Safety Specialists | 553 | 562 | 9 | 1.63% | 12 | 16 | 4 | 32 | 3 | 3 | 6 |
| 29-9012 | Occupational Health and Safety Technicians | 203 | 211 | 8 | 3.94% | 4 | 6 | 4 | 14 | 7 | 3 | 4 |
| 29-9099 | Healthcare Practitioners and Technical Workers, All Other | 552 | 570 | 18 | 3.26% | 12 | 16 | 9 | 37 | 5 | 3 | 6 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |
| **31-0000** | **HEALTHCARE SUPPORT OCCUPATIONS** | **38,094** | **39,578** | **1,484** | **3.90%** | **2,238** | **2,112** | **742** | **5,092** |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |
| ***31-1000*** | ***Nursing, Psychiatric, and Home Health Aides*** | ***26,401*** | ***27,338*** | ***937*** | ***3.55%*** | ***1,632*** | ***1,358*** | ***468*** | ***3,458*** |  |  |  |
| 31-1011 | Home Health Aides | 7,330 | 7,625 | 295 | 4.02% | 454 | 378 | 148 | 980 | 7 | 3 | 5 |
| 31-1013 | Psychiatric Aides | 323 | 340 | 17 | 5.26% | 20 | 17 | 8 | 45 | 7 | 3 | 5 |
| 31-1014 | Nursing Assistants | 18,593 | 19,212 | 619 | 3.33% | 1,148 | 956 | 310 | 2,414 | 5 | 3 | 6 |
| 31-1015 | Orderlies | 155 | 161 | 6 | 3.87% | 10 | 8 | 3 | 21 | 7 | 3 | 5 |
| ***31-2000*** | ***Occupational Therapy and Physical Therapist Assistants and Aides*** | ***1,756*** | ***1,873*** | ***117*** | ***6.66%*** | ***82*** | ***133*** | ***58*** | ***273*** |  |  |  |
| 31-2011 | Occupational Therapy Assistants | 296 | 317 | 21 | 7.09% | 16 | 22 | 10 | 48 | 4 | 3 | 6 |
| 31-2012 | Occupational Therapy Aides | 38 | 39 | 1 | 2.63% | 2 | 3 | 0 | 5 | 7 | 3 | 5 |
| 31-2021 | Physical Therapist Assistants | 1,111 | 1,187 | 76 | 6.84% | 50 | 84 | 38 | 172 | 4 | 3 | 6 |
| 31-2022 | Physical Therapist Aides | 311 | 330 | 19 | 6.11% | 14 | 24 | 10 | 48 | 7 | 3 | 5 |
| ***31-9000*** | ***Other Healthcare Support Occupations*** | ***9,937*** | ***10,367*** | ***430*** | ***4.33%*** | ***524*** | ***620*** | ***215*** | ***1,359*** |  |  |  |
| 31-9011 | Massage Therapists | 472 | 503 | 31 | 6.57% | 32 | 18 | 16 | 66 | 5 | 3 | 6 |
| 31-9091 | Dental Assistants | 2,656 | 2,750 | 94 | 3.54% | 138 | 154 | 47 | 339 | 5 | 3 | 6 |
| 31-9092 | Medical Assistants | 3,210 | 3,400 | 190 | 5.92% | 145 | 203 | 95 | 443 | 5 | 3 | 6 |
| 31-9093 | Medical Equipment Preparers | 224 | 233 | 9 | 4.02% | 14 | 14 | 4 | 32 | 7 | 3 | 4 |
| 31-9094 | Medical Transcriptionists | 536 | 536 | 0 | 0.00% | 36 | 27 | 0 | 63 | 5 | 3 | 6 |
| 31-9095 | Pharmacy Aides | 529 | 538 | 9 | 1.70% | 36 | 36 | 4 | 76 | 7 | 3 | 5 |
| 31-9096 | Veterinary Assistants and Laboratory Animal Caretakers | 857 | 885 | 28 | 3.27% | 50 | 82 | 14 | 146 | 7 | 3 | 5 |
| 31-9097 | Phlebotomists | 1,019 | 1,074 | 55 | 5.40% | 45 | 60 | 28 | 133 | 5 | 3 | 6 |
| 31-9099 | Healthcare Support Workers, All Other | 434 | 448 | 14 | 3.23% | 28 | 26 | 7 | 61 | 7 | 3 | 6 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |
| **33-0000** | **PROTECTIVE SERVICE OCCUPATIONS** | **26,447** | **26,924** | **477** | **1.80%** | **1,130** | **1,352** | **238** | **2,720** |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |
| ***33-1000*** | ***Supervisors of Protective Service Workers*** | ***3,190*** | ***3,256*** | ***66*** | ***2.07%*** | ***106*** | ***110*** | ***33*** | ***249*** |  |  |  |
| 33-1011 | First-Line Supervisors of Correctional Officers | 369 | 367 | -2 | -0.54% | 12 | 12 | -1 | 23 | 7 | 2 | 6 |
| 33-1012 | First-Line Supervisors of Police and Detectives | 1,456 | 1,490 | 34 | 2.34% | 41 | 46 | 17 | 104 | 7 | 2 | 4 |
| 33-1021 | First-Line Supervisors of Fire Fighting and Prevention Workers | 827 | 849 | 22 | 2.66% | 28 | 26 | 11 | 65 | 5 | 2 | 4 |
| 33-1099 | First-Line Supervisors of Protective Service Workers, All Other | 538 | 550 | 12 | 2.23% | 25 | 27 | 6 | 58 | 7 | 2 | 6 |
| ***33-2000*** | ***Fire Fighting and Prevention Workers*** | ***2,710*** | ***2,784*** | ***74*** | ***2.73%*** | ***67*** | ***118*** | ***37*** | ***222*** |  |  |  |
| 33-2011 | Firefighters | 2,504 | 2,570 | 66 | 2.64% | 57 | 108 | 33 | 198 | 5 | 3 | 3 |
| 33-2021 | Fire Inspectors and Investigators | 42 | 42 | 0 | 0.00% | 2 | 2 | 0 | 4 | 5 | 1 | 4 |
| 33-2022 | Forest Fire Inspectors and Prevention Specialists | 164 | 172 | 8 | 4.88% | 8 | 8 | 4 | 20 | 7 | 2 | 4 |
| ***33-3000*** | ***Law Enforcement Workers*** | ***12,205*** | ***12,303*** | ***98*** | ***0.80%*** | ***364*** | ***506*** | ***49*** | ***919*** |  |  |  |
| 33-3011 | Bailiffs | 103 | 104 | 1 | 0.97% | 4 | 4 | 0 | 8 | 7 | 3 | 4 |
| 33-3012 | Correctional Officers and Jailers | 5,344 | 5,291 | -53 | -0.99% | 188 | 239 | -26 | 401 | 7 | 3 | 4 |
| 33-3021 | Detectives and Criminal Investigators | 508 | 516 | 8 | 1.57% | 14 | 18 | 4 | 36 | 7 | 2 | 4 |
| 33-3041 | Parking Enforcement Workers | 31 | 29 | -2 | -6.45% | 2 | 1 | -1 | 2 | 7 | 3 | 5 |
| 33-3051 | Police and Sheriff's Patrol Officers | 6,014 | 6,156 | 142 | 2.36% | 147 | 237 | 71 | 455 | 7 | 3 | 4 |
| ***33-9000*** | ***Other Protective Service Workers*** | ***8,342*** | ***8,581*** | ***239*** | ***2.87%*** | ***593*** | ***616*** | ***120*** | ***1,329*** |  |  |  |
| 33-9011 | Animal Control Workers | 177 | 182 | 5 | 2.82% | 8 | 10 | 2 | 20 | 7 | 3 | 4 |
| 33-9032 | Security Guards | 6,557 | 6,753 | 196 | 2.99% | 394 | 470 | 98 | 962 | 7 | 3 | 5 |
| 33-9092 | Lifeguards, Ski Patrol, and Other Recreational Protective Service Workers | 510 | 527 | 17 | 3.33% | 72 | 54 | 8 | 134 | 8 | 3 | 5 |
| 33-9093 | Transportation Security Screeners | 157 | 156 | -1 | -0.64% | 8 | 6 | 0 | 14 | 7 | 3 | 5 |
| 33-9099 | Protective Service Workers, All Other | 570 | 580 | 10 | 1.75% | 80 | 60 | 5 | 145 | 7 | 3 | 5 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |
| **35-0000** | **FOOD PREPARATION AND SERVING RELATED OCCUPATIONS** | **105,094** | **108,662** | **3,568** | **3.40%** | **7,841** | **9,938** | **1,784** | **19,563** |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |
| ***35-1000*** | ***Supervisors of Food Preparation and Serving Workers*** | ***10,391*** | ***10,740*** | ***349*** | ***3.36%*** | ***464*** | ***1,005*** | ***174*** | ***1,643*** |  |  |  |
| 35-1011 | Chefs and Head Cooks | 790 | 819 | 29 | 3.67% | 26 | 74 | 14 | 114 | 7 | 1 | 6 |
| 35-1012 | First-Line Supervisors of Food Preparation and Serving Workers | 9,601 | 9,921 | 320 | 3.33% | 438 | 932 | 160 | 1,530 | 7 | 2 | 6 |
| ***35-2000*** | ***Cooks and Food Preparation Workers*** | ***32,120*** | ***32,974*** | ***854*** | ***2.66%*** | ***2,060*** | ***2,652*** | ***427*** | ***5,139*** |  |  |  |
| 35-2011 | Cooks, Fast Food | 6,957 | 7,008 | 51 | 0.73% | 409 | 558 | 26 | 993 | 8 | 3 | 5 |
| 35-2012 | Cooks, Institution and Cafeteria | 7,167 | 7,344 | 177 | 2.47% | 425 | 580 | 88 | 1,093 | 8 | 3 | 5 |
| 35-2013 | Cooks, Private Household | 110 | 111 | 1 | 0.91% | 6 | 9 | 0 | 15 | 5 | 2 | 6 |
| 35-2014 | Cooks, Restaurant | 10,131 | 10,540 | 409 | 4.04% | 606 | 827 | 204 | 1,637 | 8 | 2 | 4 |
| 35-2015 | Cooks, Short Order | 564 | 571 | 7 | 1.24% | 33 | 46 | 4 | 83 | 8 | 3 | 5 |
| 35-2019 | Cooks, All Other | 72 | 73 | 1 | 1.39% | 4 | 6 | 0 | 10 | 8 | 3 | 4 |
| 35-2021 | Food Preparation Workers | 7,119 | 7,327 | 208 | 2.92% | 578 | 626 | 104 | 1,308 | 8 | 3 | 5 |
| ***35-3000*** | ***Food and Beverage Serving Workers*** | ***55,393*** | ***57,557*** | ***2,164*** | ***3.91%*** | ***4,668*** | ***5,642*** | ***1,082*** | ***11,392*** |  |  |  |
| 35-3011 | Bartenders | 2,071 | 2,106 | 35 | 1.69% | 100 | 240 | 18 | 358 | 8 | 3 | 5 |
| 35-3021 | Combined Food Preparation and Serving Workers, Including Fast Food | 30,737 | 32,197 | 1,460 | 4.75% | 2,786 | 2,914 | 730 | 6,430 | 8 | 3 | 5 |
| 35-3022 | Counter Attendants, Cafeteria, Food Concession, and Coffee Shop | 1,766 | 1,814 | 48 | 2.72% | 215 | 169 | 24 | 408 | 8 | 3 | 5 |
| 35-3031 | Waiters and Waitresses | 19,053 | 19,612 | 559 | 2.93% | 1,431 | 2,192 | 280 | 3,903 | 8 | 3 | 5 |
| 35-3041 | Food Servers, Nonrestaurant | 1,766 | 1,828 | 62 | 3.51% | 136 | 126 | 31 | 293 | 8 | 3 | 5 |
| ***35-9000*** | ***Other Food Preparation and Serving Related Workers*** | ***7,190*** | ***7,391*** | ***201*** | ***2.80%*** | ***648*** | ***639*** | ***100*** | ***1,387*** |  |  |  |
| 35-9021 | Dishwashers | 3,407 | 3,493 | 86 | 2.52% | 256 | 275 | 43 | 574 | 8 | 3 | 5 |
| 35-9031 | Hosts and Hostesses, Restaurant, Lounge, and Coffee Shop | 1,940 | 1,995 | 55 | 2.84% | 226 | 216 | 28 | 470 | 8 | 3 | 5 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |
| **37-0000** | **BUILDING AND GROUNDS CLEANING AND MAINTENANCE OCCUPATIONS** | **45,300** | **46,766** | **1,466** | **3.24%** | **2,798** | **2,916** | **733** | **6,447** |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |
| ***37-1000*** | ***Supervisors of Building and Grounds Cleaning and Maintenance Workers*** | ***4,822*** | ***4,990*** | ***168*** | ***3.48%*** | ***210*** | ***296*** | ***84*** | ***590*** |  |  |  |
| 37-1011 | First-Line Supervisors of Housekeeping and Janitorial Workers | 2,728 | 2,827 | 99 | 3.63% | 140 | 168 | 50 | 358 | 7 | 2 | 6 |
| 37-1012 | First-Line Supervisors of Landscaping, Lawn Service, and Groundskeeping Workers | 2,094 | 2,163 | 69 | 3.30% | 69 | 128 | 34 | 231 | 7 | 2 | 6 |
| ***37-2000*** | ***Building Cleaning and Pest Control Workers*** | ***32,040*** | ***33,010*** | ***970*** | ***3.03%*** | ***2,187*** | ***2,004*** | ***485*** | ***4,676*** |  |  |  |
| 37-2011 | Janitors and Cleaners, Except Maids and Housekeeping Cleaners | 19,690 | 20,448 | 758 | 3.85% | 1,306 | 1,262 | 379 | 2,947 | 8 | 3 | 5 |
| 37-2012 | Maids and Housekeeping Cleaners | 11,044 | 11,210 | 166 | 1.50% | 824 | 622 | 83 | 1,529 | 8 | 3 | 5 |
| ***37-3000*** | ***Grounds Maintenance Workers*** | ***8,438*** | ***8,766*** | ***328*** | ***3.89%*** | ***402*** | ***614*** | ***164*** | ***1,180*** |  |  |  |
| 37-3011 | Landscaping and Groundskeeping Workers | 7,405 | 7,706 | 301 | 4.06% | 353 | 540 | 150 | 1,043 | 8 | 3 | 5 |
| 37-3012 | Pesticide Handlers, Sprayers, and Applicators, Vegetation | 379 | 388 | 9 | 2.37% | 18 | 28 | 4 | 50 | 7 | 3 | 4 |
| 37-3013 | Tree Trimmers and Pruners | 491 | 505 | 14 | 2.85% | 24 | 36 | 7 | 67 | 7 | 3 | 5 |
| 37-3019 | Grounds Maintenance Workers, All Other | 163 | 167 | 4 | 2.45% | 8 | 12 | 2 | 22 | 8 | 3 | 5 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |
| **39-0000** | **PERSONAL CARE AND SERVICE OCCUPATIONS** | **46,604** | **48,232** | **1,628** | **3.49%** | **3,618** | **3,176** | **814** | **7,608** |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |
| ***39-1000*** | ***Supervisors of Personal Care and Service Workers*** | ***1,690*** | ***1,747*** | ***57*** | ***3.37%*** | ***82*** | ***82*** | ***28*** | ***192*** |  |  |  |
| 39-1011 | Gaming Supervisors | 78 | 80 | 2 | 2.56% | 4 | 8 | 1 | 13 | 7 | 2 | 6 |
| 39-1021 | First-Line Supervisors of Personal Service Workers | 1,612 | 1,667 | 55 | 3.41% | 78 | 74 | 28 | 180 | 7 | 2 | 6 |
| ***39-2000*** | ***Animal Care and Service Workers*** | ***3,769*** | ***3,895*** | ***126*** | ***3.34%*** | ***234*** | ***284*** | ***63*** | ***581*** |  |  |  |
| 39-2011 | Animal Trainers | 1,389 | 1,420 | 31 | 2.23% | 68 | 88 | 16 | 172 | 7 | 3 | 4 |
| 39-2021 | Nonfarm Animal Caretakers | 2,380 | 2,475 | 95 | 3.99% | 166 | 196 | 48 | 410 | 7 | 3 | 5 |
| ***39-3000*** | ***Entertainment Attendants and Related Workers*** | ***2,117*** | ***2,191*** | ***74*** | ***3.50%*** | ***231*** | ***246*** | ***37*** | ***514*** |  |  |  |
| 39-3021 | Motion Picture Projectionists | 64 | 63 | -1 | -1.56% | 3 | 5 | 0 | 8 | 8 | 3 | 5 |
| 39-3031 | Ushers, Lobby Attendants, and Ticket Takers | 527 | 546 | 19 | 3.61% | 70 | 60 | 10 | 140 | 8 | 3 | 5 |
| 39-3091 | Amusement and Recreation Attendants | 1,218 | 1,264 | 46 | 3.78% | 131 | 148 | 23 | 302 | 8 | 3 | 5 |
| 39-3093 | Locker Room, Coatroom, and Dressing Room Attendants | 60 | 62 | 2 | 3.33% | 6 | 8 | 1 | 15 | 7 | 3 | 5 |
| 39-3099 | Entertainment Attendants and Related Workers, All Other | 104 | 108 | 4 | 3.85% | 11 | 12 | 2 | 25 | 7 | 3 | 5 |
| ***39-4000*** | ***Funeral Service Workers*** | ***842*** | ***841*** | ***-1*** | ***-0.12%*** | ***58*** | ***56*** | ***0*** | ***114*** |  |  |  |
| 39-4011 | Embalmers | 129 | 127 | -2 | -1.55% | 12 | 8 | -1 | 19 | 4 | 3 | 3 |
| 39-4021 | Funeral Attendants | 307 | 306 | -1 | -0.33% | 27 | 19 | 0 | 46 | 7 | 3 | 5 |
| 39-4031 | Morticians, Undertakers, and Funeral Directors | 406 | 408 | 2 | 0.49% | 20 | 30 | 1 | 51 | 4 | 3 | 3 |
| ***39-5000*** | ***Personal Appearance Workers*** | ***3,271*** | ***3,364*** | ***93*** | ***2.84%*** | ***218*** | ***166*** | ***46*** | ***430*** |  |  |  |
| 39-5012 | Hairdressers, Hairstylists, and Cosmetologists | 2,852 | 2,933 | 81 | 2.84% | 193 | 144 | 40 | 377 | 5 | 3 | 6 |
| 39-5092 | Manicurists and Pedicurists | 239 | 246 | 7 | 2.93% | 14 | 12 | 4 | 30 | 5 | 3 | 6 |
| ***39-6000*** | ***Baggage Porters, Bellhops, and Concierges*** | ***150*** | ***154*** | ***4*** | ***2.67%*** | ***8*** | ***14*** | ***2*** | ***24*** |  |  |  |
| ***39-7000*** | ***Tour and Travel Guides*** | ***198*** | ***207*** | ***9*** | ***4.55%*** | ***18*** | ***17*** | ***4*** | ***39*** |  |  |  |
| 39-7011 | Tour Guides and Escorts | 198 | 207 | 9 | 4.55% | 18 | 17 | 4 | 39 | 7 | 3 | 4 |
| ***39-9000*** | ***Other Personal Care and Service Workers*** | ***34,567*** | ***35,833*** | ***1,266*** | ***3.66%*** | ***2,768*** | ***2,312*** | ***633*** | ***5,713*** |  |  |  |
| 39-9011 | Childcare Workers | 12,788 | 13,193 | 405 | 3.17% | 1,060 | 804 | 202 | 2,066 | 7 | 3 | 5 |
| 39-9021 | Personal Care Aides | 17,248 | 17,986 | 738 | 4.28% | 1,406 | 1,059 | 369 | 2,834 | 7 | 3 | 5 |
| 39-9031 | Fitness Trainers and Aerobics Instructors | 1,275 | 1,342 | 67 | 5.25% | 86 | 131 | 34 | 251 | 7 | 3 | 5 |
| 39-9032 | Recreation Workers | 1,946 | 2,002 | 56 | 2.88% | 129 | 198 | 28 | 355 | 7 | 3 | 5 |
| 39-9041 | Residential Advisors | 797 | 823 | 26 | 3.26% | 54 | 80 | 13 | 147 | 7 | 3 | 5 |
| 39-9099 | Personal Care and Service Workers, All Other | 513 | 487 | -26 | -5.07% | 34 | 39 | -13 | 60 | 7 | 3 | 5 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |
| **41-0000** | **SALES AND RELATED OCCUPATIONS** | **136,065** | **138,058** | **1,993** | **1.46%** | **8,208** | **10,496** | **996** | **19,700** |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |
| ***41-1000*** | ***Supervisors of Sales Workers*** | ***20,235*** | ***20,544*** | ***309*** | ***1.53%*** | ***738*** | ***1,324*** | ***154*** | ***2,216*** |  |  |  |
| 41-1011 | First-Line Supervisors of Retail Sales Workers | 16,109 | 16,323 | 214 | 1.33% | 598 | 1,091 | 107 | 1,796 | 7 | 2 | 6 |
| 41-1012 | First-Line Supervisors of Non-Retail Sales Workers | 4,126 | 4,221 | 95 | 2.30% | 139 | 232 | 48 | 419 | 7 | 2 | 6 |
| ***41-2000*** | ***Retail Sales Workers*** | ***77,950*** | ***78,466*** | ***516*** | ***0.66%*** | ***5,888*** | ***6,600*** | ***258*** | ***12,746*** |  |  |  |
| 41-2011 | Cashiers | 33,839 | 33,901 | 62 | 0.18% | 3,180 | 3,104 | 31 | 6,315 | 8 | 3 | 5 |
| 41-2021 | Counter and Rental Clerks | 3,422 | 3,516 | 94 | 2.75% | 182 | 254 | 47 | 483 | 8 | 3 | 5 |
| 41-2022 | Parts Salespersons | 3,104 | 3,155 | 51 | 1.64% | 136 | 248 | 26 | 410 | 8 | 3 | 4 |
| 41-2031 | Retail Salespersons | 37,585 | 37,894 | 309 | 0.82% | 2,390 | 2,995 | 154 | 5,539 | 8 | 3 | 5 |
| ***41-3000*** | ***Sales Representatives, Services*** | ***12,159*** | ***12,579*** | ***420*** | ***3.45%*** | ***445*** | ***850*** | ***210*** | ***1,505*** |  |  |  |
| 41-3011 | Advertising Sales Agents | 1,137 | 1,167 | 30 | 2.64% | 43 | 100 | 15 | 158 | 7 | 3 | 4 |
| 41-3021 | Insurance Sales Agents | 5,462 | 5,761 | 299 | 5.47% | 228 | 302 | 150 | 680 | 7 | 3 | 4 |
| 41-3031 | Securities, Commodities, and Financial Services Sales Agents | 1,443 | 1,485 | 42 | 2.91% | 38 | 96 | 21 | 155 | 3 | 3 | 4 |
| 41-3041 | Travel Agents | 207 | 208 | 1 | 0.48% | 11 | 12 | 0 | 23 | 7 | 3 | 4 |
| 41-3099 | Sales Representatives, Services, All Other | 3,910 | 3,958 | 48 | 1.23% | 124 | 340 | 24 | 488 | 7 | 3 | 4 |
| ***41-4000*** | ***Sales Representatives, Wholesale and Manufacturing*** | ***17,523*** | ***18,013*** | ***490*** | ***2.80%*** | ***586*** | ***1,190*** | ***245*** | ***2,021*** |  |  |  |
| 41-4011 | Sales Representatives, Wholesale and Manufacturing, Technical and Scientific Products | 2,862 | 2,977 | 115 | 4.02% | 96 | 196 | 58 | 350 | 3 | 3 | 4 |
| 41-4012 | Sales Representatives, Wholesale and Manufacturing, Except Technical and Scientific Products | 14,661 | 15,036 | 375 | 2.56% | 490 | 994 | 188 | 1,672 | 7 | 3 | 4 |
| ***41-9000*** | ***Other Sales and Related Workers*** | ***8,198*** | ***8,456*** | ***258*** | ***3.15%*** | ***552*** | ***532*** | ***129*** | ***1,213*** |  |  |  |
| 41-9021 | Real Estate Brokers | 274 | 284 | 10 | 3.65% | 14 | 11 | 5 | 30 | 7 | 2 | 6 |
| 41-9022 | Real Estate Sales Agents | 2,393 | 2,462 | 69 | 2.88% | 124 | 94 | 34 | 252 | 7 | 3 | 4 |
| 41-9031 | Sales Engineers | 128 | 129 | 1 | 0.78% | 3 | 10 | 0 | 13 | 3 | 3 | 4 |
| 41-9041 | Telemarketers | 2,138 | 2,196 | 58 | 2.71% | 129 | 204 | 29 | 362 | 8 | 3 | 5 |
| 41-9099 | Sales and Related Workers, All Other | 659 | 680 | 21 | 3.19% | 36 | 51 | 10 | 97 | 7 | 3 | 6 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |
| **43-0000** | **OFFICE AND ADMINISTRATIVE SUPPORT OCCUPATIONS** | **185,930** | **188,584** | **2,654** | **1.43%** | **9,569** | **11,131** | **1,327** | **22,027** |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |
| ***43-1000*** | ***Supervisors of Office and Administrative Support Workers*** | ***15,276*** | ***15,546*** | ***270*** | ***1.77%*** | ***598*** | ***890*** | ***135*** | ***1,623*** |  |  |  |
| 43-1011 | First-Line Supervisors of Office and Administrative Support Workers | 15,276 | 15,546 | 270 | 1.77% | 598 | 890 | 135 | 1,623 | 7 | 2 | 6 |
| ***43-2000*** | ***Communications Equipment Operators*** | ***721*** | ***703*** | ***-18*** | ***-2.50%*** | ***44*** | ***48*** | ***-9*** | ***83*** |  |  |  |
| 43-2011 | Switchboard Operators, Including Answering Service | 694 | 677 | -17 | -2.45% | 43 | 46 | -8 | 81 | 7 | 3 | 5 |
| ***43-3000*** | ***Financial Clerks*** | ***28,003*** | ***28,314*** | ***311*** | ***1.11%*** | ***1,510*** | ***1,542*** | ***156*** | ***3,208*** |  |  |  |
| 43-3011 | Bill and Account Collectors | 1,668 | 1,689 | 21 | 1.26% | 63 | 110 | 10 | 183 | 7 | 3 | 4 |
| 43-3021 | Billing and Posting Clerks | 4,265 | 4,427 | 162 | 3.80% | 186 | 240 | 81 | 507 | 7 | 3 | 4 |
| 43-3031 | Bookkeeping, Accounting, and Auditing Clerks | 13,628 | 13,784 | 156 | 1.14% | 848 | 658 | 78 | 1,584 | 6 | 3 | 4 |
| 43-3051 | Payroll and Timekeeping Clerks | 1,470 | 1,487 | 17 | 1.16% | 62 | 83 | 8 | 153 | 7 | 3 | 4 |
| 43-3061 | Procurement Clerks | 647 | 644 | -3 | -0.46% | 27 | 42 | -2 | 67 | 7 | 3 | 4 |
| 43-3071 | Tellers | 6,137 | 6,089 | -48 | -0.78% | 313 | 393 | -24 | 682 | 7 | 3 | 5 |
| ***43-4000*** | ***Information and Record Clerks*** | ***38,567*** | ***39,394*** | ***827*** | ***2.14%*** | ***2,026*** | ***2,716*** | ***414*** | ***5,156*** |  |  |  |
| 43-4011 | Brokerage Clerks | 165 | 170 | 5 | 3.03% | 4 | 12 | 2 | 18 | 7 | 3 | 4 |
| 43-4021 | Correspondence Clerks | 90 | 90 | 0 | 0.00% | 4 | 6 | 0 | 10 | 7 | 3 | 5 |
| 43-4031 | Court, Municipal, and License Clerks | 1,054 | 1,079 | 25 | 2.37% | 48 | 42 | 12 | 102 | 7 | 3 | 4 |
| 43-4041 | Credit Authorizers, Checkers, and Clerks | 105 | 105 | 0 | 0.00% | 4 | 7 | 0 | 11 | 7 | 3 | 4 |
| 43-4051 | Customer Service Representatives | 17,045 | 17,424 | 379 | 2.22% | 881 | 1,293 | 190 | 2,364 | 7 | 3 | 5 |
| 43-4061 | Eligibility Interviewers, Government Programs | 1,681 | 1,699 | 18 | 1.07% | 67 | 80 | 9 | 156 | 7 | 3 | 4 |
| 43-4071 | File Clerks | 714 | 699 | -15 | -2.10% | 44 | 42 | -8 | 78 | 7 | 3 | 5 |
| 43-4081 | Hotel, Motel, and Resort Desk Clerks | 2,382 | 2,435 | 53 | 2.23% | 133 | 238 | 26 | 397 | 7 | 3 | 5 |
| 43-4111 | Interviewers, Except Eligibility and Loan | 1,316 | 1,351 | 35 | 2.66% | 71 | 84 | 18 | 173 | 7 | 3 | 5 |
| 43-4121 | Library Assistants, Clerical | 682 | 694 | 12 | 1.76% | 54 | 42 | 6 | 102 | 7 | 3 | 5 |
| 43-4131 | Loan Interviewers and Clerks | 1,914 | 1,991 | 77 | 4.02% | 70 | 113 | 38 | 221 | 7 | 3 | 5 |
| 43-4141 | New Accounts Clerks | 450 | 451 | 1 | 0.22% | 20 | 28 | 0 | 48 | 7 | 3 | 4 |
| 43-4151 | Order Clerks | 919 | 927 | 8 | 0.87% | 43 | 60 | 4 | 107 | 7 | 3 | 5 |
| 43-4161 | Human Resources Assistants, Except Payroll and Timekeeping | 1,314 | 1,324 | 10 | 0.76% | 56 | 88 | 5 | 149 | 4 | 3 | 6 |
| 43-4171 | Receptionists and Information Clerks | 7,336 | 7,519 | 183 | 2.49% | 462 | 493 | 92 | 1,047 | 7 | 3 | 5 |
| 43-4181 | Reservation and Transportation Ticket Agents and Travel Clerks | 389 | 426 | 37 | 9.51% | 18 | 24 | 18 | 60 | 7 | 3 | 5 |
| 43-4199 | Information and Record Clerks, All Other | 1,011 | 1,010 | -1 | -0.10% | 49 | 63 | 0 | 112 | 7 | 3 | 5 |
| ***43-5000*** | ***Material Recording, Scheduling, Dispatching, and Distributing Workers*** | ***36,094*** | ***36,676*** | ***582*** | ***1.61%*** | ***1,676*** | ***2,189*** | ***291*** | ***4,156*** |  |  |  |
| 43-5011 | Cargo and Freight Agents | 803 | 836 | 33 | 4.11% | 26 | 40 | 16 | 82 | 7 | 3 | 5 |
| 43-5021 | Couriers and Messengers | 642 | 661 | 19 | 2.96% | 30 | 28 | 10 | 68 | 7 | 3 | 5 |
| 43-5031 | Police, Fire, and Ambulance Dispatchers | 1,035 | 1,061 | 26 | 2.51% | 37 | 56 | 13 | 106 | 7 | 3 | 4 |
| 43-5032 | Dispatchers, Except Police, Fire, and Ambulance | 1,599 | 1,628 | 29 | 1.81% | 57 | 87 | 14 | 158 | 7 | 3 | 4 |
| 43-5041 | Meter Readers, Utilities | 772 | 777 | 5 | 0.65% | 25 | 32 | 2 | 59 | 7 | 3 | 5 |
| 43-5051 | Postal Service Clerks | 1,122 | 1,151 | 29 | 2.58% | 58 | 31 | 14 | 103 | 7 | 3 | 5 |
| 43-5052 | Postal Service Mail Carriers | 3,119 | 3,199 | 80 | 2.56% | 122 | 89 | 40 | 251 | 7 | 3 | 5 |
| 43-5053 | Postal Service Mail Sorters, Processors, and Processing Machine Operators | 599 | 608 | 9 | 1.50% | 26 | 17 | 4 | 47 | 7 | 3 | 5 |
| 43-5061 | Production, Planning, and Expediting Clerks | 3,719 | 3,797 | 78 | 2.10% | 130 | 244 | 39 | 413 | 7 | 3 | 4 |
| 43-5071 | Shipping, Receiving, and Traffic Clerks | 4,377 | 4,387 | 10 | 0.23% | 171 | 261 | 5 | 437 | 7 | 3 | 5 |
| 43-5081 | Stock Clerks and Order Fillers | 17,551 | 17,793 | 242 | 1.38% | 965 | 1,259 | 121 | 2,345 | 7 | 3 | 5 |
| 43-5111 | Weighers, Measurers, Checkers, and Samplers, Recordkeeping | 756 | 778 | 22 | 2.91% | 30 | 44 | 11 | 85 | 7 | 3 | 5 |
| ***43-6000*** | ***Secretaries and Administrative Assistants*** | ***29,913*** | ***30,038*** | ***125*** | ***0.42%*** | ***1,615*** | ***1,570*** | ***62*** | ***3,247*** |  |  |  |
| 43-6011 | Executive Secretaries and Executive Administrative Assistants | 4,176 | 4,121 | -55 | -1.32% | 224 | 218 | -28 | 414 | 7 | 2 | 6 |
| 43-6012 | Legal Secretaries | 1,103 | 1,081 | -22 | -1.99% | 59 | 57 | -11 | 105 | 7 | 3 | 4 |
| 43-6013 | Medical Secretaries | 3,692 | 3,869 | 177 | 4.79% | 204 | 198 | 88 | 490 | 7 | 3 | 4 |
| 43-6014 | Secretaries and Administrative Assistants, Except Legal, Medical, and Executive | 20,942 | 20,967 | 25 | 0.12% | 1,129 | 1,098 | 12 | 2,239 | 7 | 3 | 5 |
| ***43-9000*** | ***Other Office and Administrative Support Workers*** | ***37,356*** | ***37,913*** | ***557*** | ***1.49%*** | ***2,099*** | ***2,176*** | ***278*** | ***4,553*** |  |  |  |
| 43-9011 | Computer Operators | 970 | 946 | -24 | -2.47% | 38 | 58 | -12 | 84 | 7 | 3 | 4 |
| 43-9021 | Data Entry Keyers | 1,249 | 1,219 | -30 | -2.40% | 64 | 80 | -15 | 129 | 7 | 3 | 5 |
| 43-9041 | Insurance Claims and Policy Processing Clerks | 2,688 | 2,976 | 288 | 10.71% | 121 | 159 | 144 | 424 | 7 | 3 | 4 |
| 43-9051 | Mail Clerks and Mail Machine Operators, Except Postal Service | 770 | 769 | -1 | -0.13% | 42 | 43 | 0 | 85 | 7 | 3 | 5 |
| 43-9061 | Office Clerks, General | 28,637 | 28,917 | 280 | 0.98% | 1,688 | 1,646 | 140 | 3,474 | 7 | 3 | 5 |
| 43-9071 | Office Machine Operators, Except Computer | 208 | 207 | -1 | -0.48% | 9 | 14 | 0 | 23 | 7 | 3 | 5 |
| 43-9081 | Proofreaders and Copy Markers | 127 | 130 | 3 | 2.36% | 10 | 9 | 2 | 21 | 3 | 3 | 6 |
| 43-9111 | Statistical Assistants | 48 | 50 | 2 | 4.17% | 2 | 4 | 1 | 7 | 3 | 3 | 6 |
| 43-9199 | Office and Administrative Support Workers, All Other | 2,242 | 2,301 | 59 | 2.63% | 99 | 144 | 30 | 273 | 7 | 3 | 5 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |
| **45-0000** | **FARMING, FISHING, AND FORESTRY OCCUPATIONS** | **18,080** | **18,040** | **-40** | **-0.22%** | **664** | **1,950** | **-20** | **2,594** |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |
| ***45-2000*** | ***Agricultural Workers*** | ***14,716*** | ***14,693*** | ***-23*** | ***-0.16%*** | ***546*** | ***1,632*** | ***-12*** | ***2,166*** |  |  |  |
| 45-2011 | Agricultural Inspectors | 384 | 386 | 2 | 0.52% | 16 | 34 | 1 | 51 | 3 | 3 | 4 |
| 45-2041 | Graders and Sorters, Agricultural Products | 1,688 | 1,722 | 34 | 2.01% | 68 | 160 | 17 | 245 | 8 | 3 | 5 |
| 45-2091 | Agricultural Equipment Operators | 961 | 957 | -4 | -0.42% | 35 | 110 | -2 | 143 | 8 | 3 | 4 |
| 45-2092 | Farmworkers and Laborers, Crop, Nursery, and Greenhouse | 6,870 | 6,738 | -132 | -1.92% | 249 | 776 | -66 | 959 | 8 | 3 | 5 |
| 45-2093 | Farmworkers, Farm, Ranch, and Aquacultural Animals | 4,256 | 4,341 | 85 | 2.00% | 157 | 490 | 42 | 689 | 8 | 3 | 5 |
| ***45-4000*** | ***Forest, Conservation, and Logging Workers*** | ***2,455*** | ***2,442*** | ***-13*** | ***-0.53%*** | ***88*** | ***228*** | ***-6*** | ***310*** |  |  |  |
| 45-4021 | Fallers | 209 | 203 | -6 | -2.87% | 8 | 19 | -3 | 24 | 7 | 3 | 4 |
| 45-4022 | Logging Equipment Operators | 1,688 | 1,678 | -10 | -0.59% | 60 | 154 | -5 | 209 | 7 | 3 | 4 |
| 45-4023 | Log Graders and Scalers | 290 | 296 | 6 | 2.07% | 10 | 27 | 3 | 40 | 7 | 3 | 4 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |
| **47-0000** | **CONSTRUCTION AND EXTRACTION OCCUPATIONS** | **54,174** | **55,958** | **1,784** | **3.29%** | **1,937** | **3,657** | **892** | **6,486** |  |  |  |
| ***47-1000*** | ***Supervisors of Construction and Extraction Workers*** | ***5,339*** | ***5,509*** | ***170*** | ***3.18%*** | ***174*** | ***342*** | ***85*** | ***601*** |  |  |  |
| 47-1011 | First-Line Supervisors of Construction Trades and Extraction Workers | 5,339 | 5,509 | 170 | 3.18% | 174 | 342 | 85 | 601 | 7 | 1 | 6 |
| ***47-2000*** | ***Construction Trades Workers*** | ***41,168*** | ***42,659*** | ***1,491*** | ***3.62%*** | ***1,452*** | ***2,736*** | ***746*** | ***4,934*** |  |  |  |
| 47-2011 | Boilermakers | 109 | 114 | 5 | 4.59% | 4 | 8 | 2 | 14 | 7 | 3 | 1 |
| 47-2021 | Brickmasons and Blockmasons | 647 | 672 | 25 | 3.86% | 19 | 36 | 12 | 67 | 7 | 3 | 1 |
| 47-2031 | Carpenters | 6,684 | 6,848 | 164 | 2.45% | 232 | 376 | 82 | 690 | 7 | 3 | 1 |
| 47-2041 | Carpet Installers | 271 | 277 | 6 | 2.21% | 8 | 14 | 3 | 25 | 8 | 3 | 5 |
| 47-2043 | Floor Sanders and Finishers | 168 | 169 | 1 | 0.60% | 6 | 9 | 0 | 15 | 8 | 3 | 4 |
| 47-2044 | Tile and Marble Setters | 114 | 115 | 1 | 0.88% | 4 | 6 | 0 | 10 | 8 | 3 | 3 |
| 47-2051 | Cement Masons and Concrete Finishers | 1,189 | 1,244 | 55 | 4.63% | 46 | 82 | 28 | 156 | 8 | 3 | 4 |
| 47-2061 | Construction Laborers | 10,077 | 10,390 | 313 | 3.11% | 357 | 674 | 156 | 1,187 | 8 | 3 | 5 |
| 47-2071 | Paving, Surfacing, and Tamping Equipment Operators | 1,146 | 1,213 | 67 | 5.85% | 39 | 80 | 34 | 153 | 7 | 3 | 4 |
| 47-2073 | Operating Engineers and Other Construction Equipment Operators | 3,593 | 3,732 | 139 | 3.87% | 140 | 257 | 70 | 467 | 7 | 3 | 4 |
| 47-2081 | Drywall and Ceiling Tile Installers | 660 | 645 | -15 | -2.27% | 20 | 36 | -8 | 48 | 8 | 3 | 4 |
| 47-2111 | Electricians | 6,162 | 6,492 | 330 | 5.36% | 220 | 470 | 165 | 855 | 7 | 3 | 1 |
| 47-2121 | Glaziers | 413 | 429 | 16 | 3.87% | 16 | 32 | 8 | 56 | 7 | 3 | 1 |
| 47-2131 | Insulation Workers, Floor, Ceiling, and Wall | 309 | 303 | -6 | -1.94% | 8 | 24 | -3 | 29 | 8 | 3 | 5 |
| 47-2132 | Insulation Workers, Mechanical | 171 | 185 | 14 | 8.19% | 5 | 14 | 7 | 26 | 7 | 3 | 1 |
| 47-2141 | Painters, Construction and Maintenance | 2,138 | 2,158 | 20 | 0.94% | 74 | 107 | 10 | 191 | 8 | 3 | 4 |
| 47-2151 | Pipelayers | 526 | 544 | 18 | 3.42% | 20 | 36 | 9 | 65 | 8 | 3 | 5 |
| 47-2152 | Plumbers, Pipefitters, and Steamfitters | 3,364 | 3,572 | 208 | 6.18% | 126 | 232 | 104 | 462 | 7 | 3 | 1 |
| 47-2161 | Plasterers and Stucco Masons | 80 | 79 | -1 | -1.25% | 3 | 4 | 0 | 7 | 8 | 3 | 3 |
| 47-2171 | Reinforcing Iron and Rebar Workers | 70 | 72 | 2 | 2.86% | 2 | 6 | 1 | 9 | 7 | 3 | 1 |
| 47-2181 | Roofers | 955 | 994 | 39 | 4.08% | 28 | 66 | 20 | 114 | 8 | 3 | 4 |
| 47-2211 | Sheet Metal Workers | 1,268 | 1,319 | 51 | 4.02% | 44 | 88 | 26 | 158 | 7 | 3 | 1 |
| 47-2221 | Structural Iron and Steel Workers | 877 | 911 | 34 | 3.88% | 26 | 68 | 17 | 111 | 7 | 3 | 1 |
| ***47-3000*** | ***Helpers, Construction Trades*** | ***2,035*** | ***2,125*** | ***90*** | ***4.42%*** | ***88*** | ***201*** | ***45*** | ***334*** |  |  |  |
| 47-3011 | Helpers--Brickmasons, Blockmasons, Stonemasons, and Tile and Marble Setters | 223 | 231 | 8 | 3.59% | 10 | 22 | 4 | 36 | 8 | 3 | 5 |
| 47-3012 | Helpers--Carpenters | 262 | 273 | 11 | 4.20% | 12 | 26 | 6 | 44 | 8 | 3 | 5 |
| 47-3013 | Helpers--Electricians | 299 | 319 | 20 | 6.69% | 13 | 30 | 10 | 53 | 7 | 3 | 5 |
| 47-3014 | Helpers--Painters, Paperhangers, Plasterers, and Stucco Masons | 253 | 249 | -4 | -1.58% | 10 | 24 | -2 | 32 | 8 | 3 | 5 |
| 47-3015 | Helpers--Pipelayers, Plumbers, Pipefitters, and Steamfitters | 450 | 482 | 32 | 7.11% | 20 | 45 | 16 | 81 | 7 | 3 | 5 |
| 47-3016 | Helpers--Roofers | 234 | 244 | 10 | 4.27% | 10 | 23 | 5 | 38 | 8 | 3 | 5 |
| 47-3019 | Helpers, Construction Trades, All Other | 314 | 327 | 13 | 4.14% | 14 | 31 | 6 | 51 | 8 | 3 | 5 |
| ***47-4000*** | ***Other Construction and Related Workers*** | ***4,269*** | ***4,383*** | ***114*** | ***2.67%*** | ***184*** | ***262*** | ***57*** | ***503*** |  |  |  |
| 47-4011 | Construction and Building Inspectors | 705 | 731 | 26 | 3.69% | 36 | 40 | 13 | 89 | 7 | 1 | 4 |
| 47-4031 | Fence Erectors | 200 | 207 | 7 | 3.50% | 7 | 15 | 4 | 26 | 8 | 3 | 4 |
| 47-4041 | Hazardous Materials Removal Workers | 226 | 238 | 12 | 5.31% | 9 | 18 | 6 | 33 | 7 | 3 | 4 |
| 47-4051 | Highway Maintenance Workers | 2,502 | 2,555 | 53 | 2.12% | 107 | 145 | 26 | 278 | 7 | 3 | 4 |
| 47-4061 | Rail-Track Laying and Maintenance Equipment Operators | 114 | 112 | -2 | -1.75% | 4 | 7 | -1 | 10 | 7 | 3 | 4 |
| 47-4071 | Septic Tank Servicers and Sewer Pipe Cleaners | 140 | 149 | 9 | 6.43% | 7 | 10 | 4 | 21 | 7 | 3 | 4 |
| ***47-5000*** | ***Extraction Workers*** | ***1,363*** | ***1,282*** | ***-81*** | ***-5.94%*** | ***40*** | ***116*** | ***-40*** | ***116*** |  |  |  |
| 47-5011 | Derrick Operators, Oil and Gas | 82 | 71 | -11 | -13.41% | 2 | 7 | -6 | 3 | 8 | 3 | 5 |
| 47-5012 | Rotary Drill Operators, Oil and Gas | 26 | 22 | -4 | -15.38% | 0 | 2 | -2 | 0 | 8 | 3 | 4 |
| 47-5013 | Service Unit Operators, Oil, Gas, and Mining | 382 | 346 | -36 | -9.42% | 9 | 34 | -18 | 25 | 8 | 3 | 4 |
| 47-5031 | Explosives Workers, Ordnance Handling Experts, and Blasters | 122 | 121 | -1 | -0.82% | 6 | 8 | 0 | 14 | 7 | 2 | 3 |
| 47-5041 | Continuous Mining Machine Operators | 236 | 249 | 13 | 5.51% | 7 | 21 | 6 | 34 | 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 | 318 | 288 | -30 | -9.43% | 10 | 26 | -15 | 21 | 8 | 3 | 4 |
| 47-5081 | Helpers--Extraction Workers | 51 | 44 | -7 | -13.73% | 2 | 4 | -4 | 2 | 7 | 3 | 4 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |
| **49-0000** | **INSTALLATION, MAINTENANCE, AND REPAIR OCCUPATIONS** | **56,188** | **57,837** | **1,649** | **2.93%** | **1,962** | **3,371** | **824** | **6,157** |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |
| ***49-1000*** | ***Supervisors of Installation, Maintenance, and Repair Workers*** | ***4,895*** | ***5,034*** | ***139*** | ***2.84%*** | ***161*** | ***256*** | ***70*** | ***487*** |  |  |  |
| 49-1011 | First-Line Supervisors of Mechanics, Installers, and Repairers | 4,895 | 5,034 | 139 | 2.84% | 161 | 256 | 70 | 487 | 7 | 2 | 6 |
| ***49-2000*** | ***Electrical and Electronic Equipment Mechanics, Installers, and Repairers*** | ***5,824*** | ***5,884*** | ***60*** | ***1.03%*** | ***185*** | ***397*** | ***30*** | ***612*** |  |  |  |
| 49-2011 | Computer, Automated Teller, and Office Machine Repairers | 773 | 781 | 8 | 1.03% | 26 | 50 | 4 | 80 | 6 | 3 | 5 |
| 49-2021 | Radio, Cellular, and Tower Equipment Installers and Repairs | 50 | 52 | 2 | 4.00% | 2 | 4 | 1 | 7 | 4 | 3 | 4 |
| 49-2022 | Telecommunications Equipment Installers and Repairers, Except Line Installers | 2,742 | 2,745 | 3 | 0.11% | 91 | 194 | 2 | 287 | 5 | 3 | 4 |
| 49-2091 | Avionics Technicians | 111 | 109 | -2 | -1.80% | 2 | 6 | -1 | 7 | 4 | 3 | 6 |
| 49-2092 | Electric Motor, Power Tool, and Related Repairers | 275 | 280 | 5 | 1.82% | 8 | 17 | 2 | 27 | 7 | 2 | 4 |
| 49-2094 | Electrical and Electronics Repairers, Commercial and Industrial Equipment | 503 | 506 | 3 | 0.60% | 12 | 30 | 2 | 44 | 5 | 3 | 3 |
| 49-2095 | Electrical and Electronics Repairers, Powerhouse, Substation, and Relay | 109 | 109 | 0 | 0.00% | 2 | 6 | 0 | 8 | 5 | 2 | 4 |
| 49-2097 | Electronic Home Entertainment Equipment Installers and Repairers | 340 | 348 | 8 | 2.35% | 12 | 23 | 4 | 39 | 5 | 3 | 5 |
| 49-2098 | Security and Fire Alarm Systems Installers | 691 | 723 | 32 | 4.63% | 23 | 53 | 16 | 92 | 7 | 3 | 4 |
| ***49-3000*** | ***Vehicle and Mobile Equipment Mechanics, Installers, and Repairers*** | ***16,066*** | ***16,607*** | ***541*** | ***3.37%*** | ***532*** | ***1,008*** | ***270*** | ***1,810*** |  |  |  |
| 49-3011 | Aircraft Mechanics and Service Technicians | 654 | 666 | 12 | 1.83% | 20 | 29 | 6 | 55 | 5 | 3 | 6 |
| 49-3021 | Automotive Body and Related Repairers | 1,488 | 1,556 | 68 | 4.57% | 52 | 91 | 34 | 177 | 7 | 3 | 3 |
| 49-3023 | Automotive Service Technicians and Mechanics | 6,210 | 6,390 | 180 | 2.90% | 198 | 380 | 90 | 668 | 5 | 3 | 5 |
| 49-3031 | Bus and Truck Mechanics and Diesel Engine Specialists | 3,060 | 3,166 | 106 | 3.46% | 96 | 178 | 53 | 327 | 7 | 3 | 3 |
| 49-3041 | Farm Equipment Mechanics and Service Technicians | 888 | 878 | -10 | -1.13% | 28 | 56 | -5 | 79 | 7 | 3 | 3 |
| 49-3042 | Mobile Heavy Equipment Mechanics, Except Engines | 999 | 1,013 | 14 | 1.40% | 32 | 64 | 7 | 103 | 7 | 3 | 3 |
| 49-3043 | Rail Car Repairers | 357 | 448 | 91 | 25.49% | 12 | 26 | 46 | 84 | 7 | 3 | 3 |
| 49-3051 | Motorboat Mechanics and Service Technicians | 195 | 205 | 10 | 5.13% | 8 | 12 | 5 | 25 | 7 | 3 | 3 |
| 49-3052 | Motorcycle Mechanics | 188 | 200 | 12 | 6.38% | 8 | 12 | 6 | 26 | 5 | 3 | 5 |
| 49-3053 | Outdoor Power Equipment and Other Small Engine Mechanics | 436 | 452 | 16 | 3.67% | 18 | 28 | 8 | 54 | 7 | 3 | 4 |
| 49-3092 | Recreational Vehicle Service Technicians | 148 | 156 | 8 | 5.41% | 6 | 13 | 4 | 23 | 7 | 3 | 3 |
| 49-3093 | Tire Repairers and Changers | 1,277 | 1,302 | 25 | 1.96% | 48 | 110 | 12 | 170 | 7 | 3 | 5 |
| ***49-9000*** | ***Other Installation, Maintenance, and Repair Occupations*** | ***29,403*** | ***30,312*** | ***909*** | ***3.09%*** | ***1,084*** | ***1,710*** | ***454*** | ***3,248*** |  |  |  |
| 49-9011 | Mechanical Door Repairers | 123 | 130 | 7 | 5.69% | 3 | 6 | 4 | 13 | 7 | 3 | 4 |
| 49-9012 | Control and Valve Installers and Repairers, Except Mechanical Door | 328 | 329 | 1 | 0.30% | 8 | 16 | 0 | 24 | 7 | 3 | 4 |
| 49-9021 | Heating, Air Conditioning, and Refrigeration Mechanics and Installers | 3,144 | 3,357 | 213 | 6.77% | 90 | 218 | 106 | 414 | 5 | 3 | 3 |
| 49-9031 | Home Appliance Repairers | 212 | 208 | -4 | -1.89% | 10 | 9 | -2 | 17 | 7 | 3 | 4 |
| 49-9041 | Industrial Machinery Mechanics | 5,207 | 5,359 | 152 | 2.92% | 178 | 273 | 76 | 527 | 7 | 3 | 3 |
| 49-9043 | Maintenance Workers, Machinery | 857 | 893 | 36 | 4.20% | 38 | 50 | 18 | 106 | 7 | 3 | 3 |
| 49-9044 | Millwrights | 473 | 486 | 13 | 2.75% | 15 | 27 | 6 | 48 | 7 | 3 | 1 |
| 49-9051 | Electrical Power-Line Installers and Repairers | 1,807 | 1,826 | 19 | 1.05% | 46 | 96 | 10 | 152 | 7 | 3 | 3 |
| 49-9052 | Telecommunications Line Installers and Repairers | 1,147 | 1,178 | 31 | 2.70% | 28 | 86 | 16 | 130 | 7 | 3 | 3 |
| 49-9062 | Medical Equipment Repairers | 494 | 505 | 11 | 2.23% | 19 | 24 | 6 | 49 | 4 | 3 | 4 |
| 49-9063 | Musical Instrument Repairers and Tuners | 34 | 34 | 0 | 0.00% | 2 | 2 | 0 | 4 | 7 | 3 | 1 |
| 49-9069 | Precision Instrument and Equipment Repairers, All Other | 62 | 65 | 3 | 4.84% | 2 | 3 | 2 | 7 | 7 | 3 | 3 |
| 49-9071 | Maintenance and Repair Workers, General | 12,620 | 12,987 | 367 | 2.91% | 522 | 712 | 184 | 1,418 | 7 | 3 | 4 |
| 49-9081 | Wind Turbine Service Technicians | 33 | 33 | 0 | 0.00% | 1 | 2 | 0 | 3 | 5 | 3 | 3 |
| 49-9091 | Coin, Vending, and Amusement Machine Servicers and Repairers | 281 | 285 | 4 | 1.42% | 12 | 19 | 2 | 33 | 7 | 3 | 5 |
| 49-9094 | Locksmiths and Safe Repairers | 134 | 134 | 0 | 0.00% | 6 | 6 | 0 | 12 | 7 | 3 | 3 |
| 49-9096 | Riggers | 46 | 49 | 3 | 6.52% | 2 | 3 | 2 | 7 | 7 | 3 | 4 |
| 49-9098 | Helpers--Installation, Maintenance, and Repair Workers | 1,085 | 1,133 | 48 | 4.42% | 53 | 84 | 24 | 161 | 7 | 3 | 5 |
| 49-9099 | Installation, Maintenance, and Repair Workers, All Other | 961 | 963 | 2 | 0.21% | 36 | 55 | 1 | 92 | 7 | 3 | 4 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |
| **51-0000** | **PRODUCTION OCCUPATIONS** | **118,671** | **119,709** | **1,038** | **0.87%** | **4,898** | **8,702** | **519** | **14,119** |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |
| ***51-1000*** | ***Supervisors of Production Workers*** | ***8,534*** | ***8,686*** | ***152*** | ***1.78%*** | ***274*** | ***551*** | ***76*** | ***901*** |  |  |  |
| 51-1011 | First-Line Supervisors of Production and Operating Workers | 8,534 | 8,686 | 152 | 1.78% | 274 | 551 | 76 | 901 | 7 | 2 | 6 |
| ***51-2000*** | ***Assemblers and Fabricators*** | ***18,109*** | ***17,820*** | ***-289*** | ***-1.60%*** | ***764*** | ***1,287*** | ***-144*** | ***1,907*** |  |  |  |
| 51-2011 | Aircraft Structure, Surfaces, Rigging, and Systems Assemblers | 400 | 362 | -38 | -9.50% | 16 | 24 | -19 | 21 | 7 | 3 | 4 |
| 51-2021 | Coil Winders, Tapers, and Finishers | 500 | 446 | -54 | -10.80% | 24 | 31 | -27 | 28 | 7 | 3 | 4 |
| 51-2022 | Electrical and Electronic Equipment Assemblers | 1,097 | 1,006 | -91 | -8.30% | 54 | 68 | -46 | 76 | 7 | 3 | 4 |
| 51-2023 | Electromechanical Equipment Assemblers | 49 | 47 | -2 | -4.08% | 2 | 3 | -1 | 4 | 7 | 3 | 4 |
| 51-2031 | Engine and Other Machine Assemblers | 204 | 205 | 1 | 0.49% | 5 | 15 | 0 | 20 | 7 | 3 | 4 |
| 51-2041 | Structural Metal Fabricators and Fitters | 1,478 | 1,508 | 30 | 2.03% | 52 | 109 | 15 | 176 | 7 | 3 | 4 |
| 51-2091 | Fiberglass Laminators and Fabricators | 409 | 447 | 38 | 9.29% | 18 | 31 | 19 | 68 | 7 | 3 | 4 |
| 51-2092 | Team Assemblers | 12,596 | 12,459 | -137 | -1.09% | 535 | 908 | -68 | 1,375 | 7 | 3 | 4 |
| 51-2099 | Assemblers and Fabricators, All Other | 1,376 | 1,340 | -36 | -2.62% | 58 | 98 | -18 | 138 | 7 | 3 | 4 |
| ***51-3000*** | ***Food Processing Workers*** | ***18,601*** | ***19,317*** | ***716*** | ***3.85%*** | ***896*** | ***1,434*** | ***358*** | ***2,688*** |  |  |  |
| 51-3011 | Bakers | 1,170 | 1,207 | 37 | 3.16% | 76 | 90 | 18 | 184 | 8 | 3 | 3 |
| 51-3021 | Butchers and Meat Cutters | 1,464 | 1,506 | 42 | 2.87% | 66 | 113 | 21 | 200 | 8 | 3 | 3 |
| 51-3022 | Meat, Poultry, and Fish Cutters and Trimmers | 7,551 | 7,861 | 310 | 4.11% | 346 | 587 | 155 | 1,088 | 8 | 3 | 5 |
| 51-3023 | Slaughterers and Meat Packers | 2,316 | 2,410 | 94 | 4.06% | 106 | 180 | 47 | 333 | 8 | 3 | 5 |
| 51-3091 | Food and Tobacco Roasting, Baking, and Drying Machine Operators and Tenders | 99 | 103 | 4 | 4.04% | 4 | 7 | 2 | 13 | 8 | 3 | 4 |
| 51-3092 | Food Batchmakers | 1,922 | 1,976 | 54 | 2.81% | 107 | 163 | 27 | 297 | 7 | 3 | 4 |
| 51-3093 | Food Cooking Machine Operators and Tenders | 966 | 1,016 | 50 | 5.18% | 54 | 80 | 25 | 159 | 7 | 3 | 4 |
| 51-3099 | Food Processing Workers, All Other | 3,113 | 3,238 | 125 | 4.02% | 136 | 214 | 62 | 412 | 8 | 3 | 4 |
| ***51-4000*** | ***Metal Workers and Plastic Workers*** | ***20,497*** | ***20,563*** | ***66*** | ***0.32%*** | ***651*** | ***1,500*** | ***33*** | ***2,184*** |  |  |  |
| 51-4011 | Computer-Controlled Machine Tool Operators, Metal and Plastic | 1,167 | 1,178 | 11 | 0.94% | 32 | 82 | 6 | 120 | 7 | 3 | 4 |
| 51-4012 | Computer Numerically Controlled Machine Tool Programmers, Metal and Plastic | 95 | 98 | 3 | 3.16% | 2 | 7 | 2 | 11 | 5 | 3 | 4 |
| 51-4021 | Extruding and Drawing Machine Setters, Operators, and Tenders, Metal and Plastic | 901 | 888 | -13 | -1.44% | 22 | 67 | -6 | 83 | 7 | 3 | 4 |
| 51-4022 | Forging Machine Setters, Operators, and Tenders, Metal and Plastic | 122 | 120 | -2 | -1.64% | 4 | 8 | -1 | 11 | 7 | 3 | 4 |
| 51-4031 | Cutting, Punching, and Press Machine Setters, Operators, and Tenders, Metal and Plastic | 2,629 | 2,592 | -37 | -1.41% | 94 | 198 | -18 | 274 | 7 | 3 | 4 |
| 51-4032 | Drilling and Boring Machine Tool Setters, Operators, and Tenders, Metal and Plastic | 96 | 94 | -2 | -2.08% | 4 | 6 | -1 | 9 | 7 | 3 | 4 |
| 51-4033 | Grinding, Lapping, Polishing, and Buffing Machine Tool Setters, Operators, and Tenders, Metal and Plastic | 509 | 480 | -29 | -5.70% | 17 | 34 | -14 | 37 | 7 | 3 | 4 |
| 51-4034 | Lathe and Turning Machine Tool Setters, Operators, and Tenders, Metal and Plastic | 368 | 373 | 5 | 1.36% | 11 | 26 | 2 | 39 | 7 | 3 | 4 |
| 51-4035 | Milling and Planing Machine Setters, Operators, and Tenders, Metal and Plastic | 95 | 95 | 0 | 0.00% | 4 | 6 | 0 | 10 | 7 | 3 | 4 |
| 51-4041 | Machinists | 2,630 | 2,649 | 19 | 0.72% | 92 | 172 | 10 | 274 | 7 | 3 | 3 |
| 51-4051 | Metal-Refining Furnace Operators and Tenders | 244 | 257 | 13 | 5.33% | 8 | 16 | 6 | 30 | 7 | 3 | 4 |
| 51-4052 | Pourers and Casters, Metal | 108 | 115 | 7 | 6.48% | 4 | 7 | 4 | 15 | 7 | 3 | 4 |
| 51-4071 | Foundry Mold and Coremakers | 53 | 50 | -3 | -5.66% | 2 | 4 | -2 | 4 | 7 | 3 | 4 |
| 51-4072 | Molding, Coremaking, and Casting Machine Setters, Operators, and Tenders, Metal and Plastic | 1,973 | 1,946 | -27 | -1.37% | 72 | 148 | -14 | 206 | 7 | 3 | 4 |
| 51-4081 | Multiple Machine Tool Setters, Operators, and Tenders, Metal and Plastic | 1,640 | 1,577 | -63 | -3.84% | 60 | 112 | -32 | 140 | 7 | 3 | 4 |
| 51-4111 | Tool and Die Makers | 471 | 452 | -19 | -4.03% | 18 | 25 | -10 | 33 | 5 | 3 | 3 |
| 51-4121 | Welders, Cutters, Solderers, and Brazers | 5,218 | 5,368 | 150 | 2.87% | 141 | 414 | 75 | 630 | 7 | 3 | 4 |
| 51-4191 | Heat Treating Equipment Setters, Operators, and Tenders, Metal and Plastic | 408 | 400 | -8 | -1.96% | 15 | 28 | -4 | 39 | 7 | 3 | 4 |
| 51-4192 | Layout Workers, Metal and Plastic | 55 | 52 | -3 | -5.45% | 2 | 4 | -2 | 4 | 7 | 3 | 4 |
| 51-4193 | Plating and Coating Machine Setters, Operators, and Tenders, Metal and Plastic | 186 | 177 | -9 | -4.84% | 4 | 14 | -4 | 14 | 7 | 3 | 4 |
| 51-4194 | Tool Grinders, Filers, and Sharpeners | 164 | 166 | 2 | 1.22% | 5 | 16 | 1 | 22 | 7 | 3 | 4 |
| 51-4199 | Metal Workers and Plastic Workers, All Other | 29 | 29 | 0 | 0.00% | 1 | 2 | 0 | 3 | 7 | 3 | 4 |
| ***51-5100*** | ***Printing Workers*** | ***2,062*** | ***2,038*** | ***-24*** | ***-1.16%*** | ***90*** | ***134*** | ***-12*** | ***212*** |  |  |  |
| 51-5111 | Prepress Technicians and Workers | 248 | 241 | -7 | -2.82% | 10 | 18 | -4 | 24 | 5 | 3 | 6 |
| 51-5112 | Printing Press Operators | 1,549 | 1,536 | -13 | -0.84% | 60 | 100 | -6 | 154 | 7 | 3 | 4 |
| 51-5113 | Print Binding and Finishing Workers | 265 | 261 | -4 | -1.51% | 20 | 14 | -2 | 32 | 7 | 3 | 4 |
| ***51-6000*** | ***Textile, Apparel, and Furnishings Workers*** | ***5,044*** | ***4,819*** | ***-225*** | ***-4.46%*** | ***310*** | ***303*** | ***-112*** | ***501*** |  |  |  |
| 51-6011 | Laundry and Dry-Cleaning Workers | 1,755 | 1,736 | -19 | -1.08% | 117 | 118 | -10 | 225 | 8 | 3 | 5 |
| 51-6021 | Pressers, Textile, Garment, and Related Materials | 364 | 342 | -22 | -6.04% | 21 | 23 | -11 | 33 | 8 | 3 | 5 |
| 51-6031 | Sewing Machine Operators | 1,103 | 1,089 | -14 | -1.27% | 62 | 53 | -7 | 108 | 8 | 3 | 5 |
| 51-6052 | Tailors, Dressmakers, and Custom Sewers | 254 | 249 | -5 | -1.97% | 22 | 10 | -2 | 30 | 8 | 3 | 4 |
| 51-6063 | Textile Knitting and Weaving Machine Setters, Operators, and Tenders | 170 | 186 | 16 | 9.41% | 10 | 12 | 8 | 30 | 7 | 3 | 5 |
| 51-6093 | Upholsterers | 547 | 529 | -18 | -3.29% | 24 | 31 | -9 | 46 | 7 | 3 | 4 |
| ***51-7000*** | ***Woodworkers*** | ***4,328*** | ***4,318*** | ***-10*** | ***-0.23%*** | ***187*** | ***275*** | ***-5*** | ***457*** |  |  |  |
| 51-7011 | Cabinetmakers and Bench Carpenters | 1,573 | 1,515 | -58 | -3.69% | 72 | 86 | -29 | 129 | 7 | 3 | 4 |
| 51-7041 | Sawing Machine Setters, Operators, and Tenders, Wood | 1,391 | 1,433 | 42 | 3.02% | 57 | 104 | 21 | 182 | 7 | 3 | 4 |
| 51-7042 | Woodworking Machine Setters, Operators, and Tenders, Except Sawing | 1,053 | 1,071 | 18 | 1.71% | 41 | 74 | 9 | 124 | 7 | 3 | 4 |
| ***51-8000*** | ***Plant and System Operators*** | ***4,024*** | ***3,979*** | ***-45*** | ***-1.12%*** | ***106*** | ***248*** | ***-22*** | ***332*** |  |  |  |
| 51-8012 | Power Distributors and Dispatchers | 267 | 264 | -3 | -1.12% | 6 | 16 | -2 | 20 | 7 | 3 | 3 |
| 51-8013 | Power Plant Operators | 297 | 297 | 0 | 0.00% | 8 | 18 | 0 | 26 | 7 | 3 | 3 |
| 51-8021 | Stationary Engineers and Boiler Operators | 299 | 297 | -2 | -0.67% | 10 | 21 | -1 | 30 | 7 | 3 | 3 |
| 51-8031 | Water and Wastewater Treatment Plant and System Operators | 1,953 | 1,971 | 18 | 0.92% | 56 | 104 | 9 | 169 | 7 | 3 | 3 |
| 51-8091 | Chemical Plant and System Operators | 294 | 284 | -10 | -3.40% | 6 | 22 | -5 | 23 | 7 | 3 | 4 |
| 51-8093 | Petroleum Pump System Operators, Refinery Operators, and Gaugers | 605 | 577 | -28 | -4.63% | 14 | 44 | -14 | 44 | 7 | 3 | 4 |
| 51-8099 | Plant and System Operators, All Other | 92 | 95 | 3 | 3.26% | 2 | 7 | 2 | 11 | 7 | 3 | 4 |
| ***51-9000*** | ***Other Production Occupations*** | ***37,472*** | ***38,169*** | ***697*** | ***1.86%*** | ***1,618*** | ***2,970*** | ***348*** | ***4,936*** |  |  |  |
| 51-9011 | Chemical Equipment Operators and Tenders | 1,324 | 1,321 | -3 | -0.23% | 36 | 104 | -2 | 138 | 7 | 3 | 4 |
| 51-9012 | Separating, Filtering, Clarifying, Precipitating, and Still Machine Setters, Operators, and Tenders | 665 | 692 | 27 | 4.06% | 18 | 53 | 14 | 85 | 7 | 3 | 4 |
| 51-9021 | Crushing, Grinding, and Polishing Machine Setters, Operators, and Tenders | 425 | 439 | 14 | 3.29% | 16 | 32 | 7 | 55 | 7 | 3 | 4 |
| 51-9022 | Grinding and Polishing Workers, Hand | 315 | 321 | 6 | 1.90% | 12 | 24 | 3 | 39 | 8 | 3 | 4 |
| 51-9023 | Mixing and Blending Machine Setters, Operators, and Tenders | 1,906 | 1,971 | 65 | 3.41% | 70 | 145 | 32 | 247 | 7 | 3 | 4 |
| 51-9032 | Cutting and Slicing Machine Setters, Operators, and Tenders | 1,389 | 1,373 | -16 | -1.15% | 50 | 106 | -8 | 148 | 7 | 3 | 4 |
| 51-9041 | Extruding, Forming, Pressing, and Compacting Machine Setters, Operators, and Tenders | 948 | 950 | 2 | 0.21% | 37 | 76 | 1 | 114 | 7 | 3 | 4 |
| 51-9051 | Furnace, Kiln, Oven, Drier, and Kettle Operators and Tenders | 466 | 471 | 5 | 1.07% | 20 | 26 | 2 | 48 | 7 | 3 | 4 |
| 51-9061 | Inspectors, Testers, Sorters, Samplers, and Weighers | 5,981 | 5,975 | -6 | -0.10% | 248 | 458 | -3 | 703 | 7 | 3 | 4 |
| 51-9071 | Jewelers and Precious Stone and Metal Workers | 221 | 219 | -2 | -0.90% | 13 | 10 | -1 | 22 | 7 | 3 | 3 |
| 51-9081 | Dental Laboratory Technicians | 473 | 487 | 14 | 2.96% | 20 | 32 | 7 | 59 | 7 | 3 | 4 |
| 51-9082 | Medical Appliance Technicians | 87 | 90 | 3 | 3.45% | 4 | 6 | 2 | 12 | 7 | 3 | 4 |
| 51-9083 | Ophthalmic Laboratory Technicians | 351 | 370 | 19 | 5.41% | 16 | 24 | 10 | 50 | 7 | 3 | 4 |
| 51-9111 | Packaging and Filling Machine Operators and Tenders | 4,066 | 4,195 | 129 | 3.17% | 195 | 274 | 64 | 533 | 7 | 3 | 4 |
| 51-9121 | Coating, Painting, and Spraying Machine Setters, Operators, and Tenders | 980 | 971 | -9 | -0.92% | 28 | 73 | -4 | 97 | 7 | 3 | 4 |
| 51-9122 | Painters, Transportation Equipment | 1,014 | 1,067 | 53 | 5.23% | 30 | 78 | 26 | 134 | 7 | 3 | 4 |
| 51-9123 | Painting, Coating, and Decorating Workers | 139 | 134 | -5 | -3.60% | 4 | 10 | -2 | 12 | 8 | 3 | 4 |
| 51-9191 | Adhesive Bonding Machine Operators and Tenders | 358 | 350 | -8 | -2.23% | 16 | 22 | -4 | 34 | 7 | 3 | 4 |
| 51-9192 | Cleaning, Washing, and Metal Pickling Equipment Operators and Tenders | 318 | 329 | 11 | 3.46% | 15 | 26 | 6 | 47 | 7 | 3 | 4 |
| 51-9193 | Cooling and Freezing Equipment Operators and Tenders | 723 | 743 | 20 | 2.77% | 29 | 54 | 10 | 93 | 7 | 3 | 4 |
| 51-9194 | Etchers and Engravers | 23 | 22 | -1 | -4.35% | 2 | 2 | 0 | 4 | 7 | 3 | 4 |
| 51-9195 | Molders, Shapers, and Casters, Except Metal and Plastic | 387 | 392 | 5 | 1.29% | 15 | 24 | 2 | 41 | 7 | 3 | 3 |
| 51-9196 | Paper Goods Machine Setters, Operators, and Tenders | 1,619 | 1,589 | -30 | -1.85% | 58 | 104 | -15 | 147 | 7 | 3 | 4 |
| 51-9198 | Helpers--Production Workers | 9,431 | 9,796 | 365 | 3.87% | 516 | 916 | 182 | 1,614 | 7 | 3 | 5 |
| 51-9199 | Production Workers, All Other | 3,072 | 3,127 | 55 | 1.79% | 122 | 226 | 28 | 376 | 7 | 3 | 4 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |
| **53-0000** | **TRANSPORTATION AND MATERIAL MOVING OCCUPATIONS** | **109,275** | **111,883** | **2,608** | **2.39%** | **5,254** | **7,720** | **1,304** | **14,278** |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |
| ***53-1000*** | ***Supervisors of Transportation and Material Moving Workers*** | ***3,935*** | ***4,035*** | ***100*** | ***2.54%*** | ***128*** | ***274*** | ***50*** | ***452*** |  |  |  |
| 53-1011 | Aircraft Cargo Handling Supervisors | 37 | 40 | 3 | 8.11% | 1 | 2 | 2 | 5 | 7 | 2 | 6 |
| 53-1021 | First-Line Supervisors of Helpers, Laborers, and Material Movers, Hand | 1,402 | 1,437 | 35 | 2.50% | 46 | 98 | 18 | 162 | 7 | 2 | 6 |
| 53-1031 | First-Line Supervisors of Transportation and Material-Moving Machine and Vehicle Operators | 2,496 | 2,558 | 62 | 2.48% | 81 | 174 | 31 | 286 | 7 | 2 | 6 |
| 53-2021 | Air Traffic Controllers | 101 | 101 | 0 | 0.00% | 3 | 6 | 0 | 9 | 4 | 3 | 3 |
| ***53-3000*** | ***Motor Vehicle Operators*** | ***55,386*** | ***56,637*** | ***1,251*** | ***2.26%*** | ***2,682*** | ***3,300*** | ***626*** | ***6,608*** |  |  |  |
| 53-3011 | Ambulance Drivers and Attendants, Except Emergency Medical Technicians | 50 | 51 | 1 | 2.00% | 3 | 4 | 0 | 7 | 7 | 3 | 4 |
| 53-3021 | Bus Drivers, Transit and Intercity | 467 | 480 | 13 | 2.78% | 37 | 20 | 6 | 63 | 7 | 3 | 4 |
| 53-3022 | Bus Drivers, School or Special Client | 6,292 | 6,323 | 31 | 0.49% | 495 | 258 | 16 | 769 | 7 | 3 | 5 |
| 53-3031 | Driver/Sales Workers | 3,197 | 3,236 | 39 | 1.22% | 136 | 202 | 20 | 358 | 7 | 3 | 5 |
| 53-3032 | Heavy and Tractor-Trailer Truck Drivers | 35,258 | 36,112 | 854 | 2.42% | 1,513 | 2,242 | 427 | 4,182 | 5 | 3 | 5 |
| 53-3033 | Light Truck or Delivery Services Drivers | 6,954 | 7,119 | 165 | 2.37% | 298 | 442 | 82 | 822 | 7 | 3 | 5 |
| 53-3041 | Taxi Drivers and Chauffeurs | 3,045 | 3,193 | 148 | 4.86% | 186 | 126 | 74 | 386 | 8 | 3 | 5 |
| 53-3099 | Motor Vehicle Operators, All Other | 123 | 123 | 0 | 0.00% | 14 | 7 | 0 | 21 | 8 | 3 | 5 |
| ***53-6000*** | ***Other Transportation Workers*** | ***2,282*** | ***2,374*** | ***92*** | ***4.03%*** | ***125*** | ***216*** | ***46*** | ***387*** |  |  |  |
| 53-6021 | Parking Lot Attendants | 322 | 330 | 8 | 2.48% | 19 | 28 | 4 | 51 | 8 | 3 | 5 |
| 53-6031 | Automotive and Watercraft Service Attendants | 1,335 | 1,380 | 45 | 3.37% | 73 | 148 | 22 | 243 | 8 | 3 | 5 |
| 53-6041 | Traffic Technicians | 42 | 44 | 2 | 4.76% | 2 | 3 | 1 | 6 | 7 | 3 | 4 |
| 53-6061 | Transportation Attendants, Except Flight Attendants | 145 | 150 | 5 | 3.45% | 12 | 7 | 2 | 21 | 7 | 3 | 5 |
| ***53-7000*** | ***Material Moving Workers*** | ***44,851*** | ***45,965*** | ***1,114*** | ***2.48%*** | ***2,241*** | ***3,748*** | ***557*** | ***6,546*** |  |  |  |
| 53-7011 | Conveyor Operators and Tenders | 429 | 438 | 9 | 2.10% | 22 | 36 | 4 | 62 | 8 | 3 | 5 |
| 53-7021 | Crane and Tower Operators | 434 | 447 | 13 | 3.00% | 14 | 31 | 6 | 51 | 7 | 2 | 4 |
| 53-7032 | Excavating and Loading Machine and Dragline Operators | 399 | 418 | 19 | 4.76% | 15 | 29 | 10 | 54 | 7 | 2 | 4 |
| 53-7041 | Hoist and Winch Operators | 89 | 96 | 7 | 7.87% | 4 | 8 | 4 | 16 | 8 | 3 | 5 |
| 53-7051 | Industrial Truck and Tractor Operators | 6,495 | 6,612 | 117 | 1.80% | 228 | 490 | 58 | 776 | 8 | 3 | 5 |
| 53-7061 | Cleaners of Vehicles and Equipment | 3,645 | 3,803 | 158 | 4.33% | 192 | 323 | 79 | 594 | 8 | 3 | 5 |
| 53-7062 | Laborers and Freight, Stock, and Material Movers, Hand | 24,214 | 24,858 | 644 | 2.66% | 1,216 | 2,098 | 322 | 3,636 | 8 | 3 | 5 |
| 53-7063 | Machine Feeders and Offbearers | 1,833 | 1,873 | 40 | 2.18% | 100 | 149 | 20 | 269 | 8 | 3 | 5 |
| 53-7064 | Packers and Packagers, Hand | 5,223 | 5,281 | 58 | 1.11% | 356 | 428 | 29 | 813 | 8 | 3 | 5 |
| 53-7072 | Pump Operators, Except Wellhead Pumpers | 24 | 23 | -1 | -4.17% | 1 | 2 | 0 | 3 | 7 | 3 | 4 |
| 53-7073 | Wellhead Pumpers | 124 | 109 | -15 | -12.10% | 4 | 10 | -8 | 6 | 7 | 2 | 4 |
| 53-7081 | Refuse and Recyclable Material Collectors | 1,831 | 1,892 | 61 | 3.33% | 84 | 136 | 30 | 250 | 8 | 3 | 5 |
| 53-7121 | Tank Car, Truck, and Ship Loaders | 44 | 46 | 2 | 4.55% | 2 | 4 | 1 | 7 | 8 | 3 | 5 |

**2017-2019 Projections by Education Level**

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Education** | **2017 Estimated Employment** | **2019 Projected Employment** | **Numeric Change** | **Percent Change** | **Annual Exits** | **Annual Transfers** | **Annual Change** | **Annual Openings-Total** |
| Doctoral or Professional Degree | 32,433 | 33,546 | 1,113 | 3.43% | 829 | 840 | 552 | 2,221 |
| Master's Degree | 21,378 | 22,191 | 813 | 3.80% | 692 | 989 | 406 | 2,087 |
| Bachelor's Degree | 246,909 | 254,452 | 7,543 | 3.05% | 7,460 | 12,154 | 3,776 | 23,390 |
| Associate's Degree | 26,340 | 27,216 | 876 | 3.33% | 894 | 1,289 | 437 | 2,620 |
| Postsecondary Non-Degree Award | 105,266 | 108,328 | 3,062 | 2.91% | 4,559 | 5,738 | 1,532 | 11,829 |
| Some College, No Degree | 29,416 | 29,917 | 501 | 1.70% | 1,562 | 1,426 | 250 | 3,238 |
| High School Diploma or Equivalent | 597,653 | 608,988 | 11,335 | 1.90% | 28,469 | 35,495 | 5,667 | 69,631 |
| No Formal Educational Credential | 321,271 | 328,792 | 7,521 | 2.34% | 21,170 | 26,957 | 3,755 | 51,882 |

**Education Outlook**

Every education category is projected to see positive net growth between 2017 and 2019. Occupations needing a high school diploma or equivalent are expected to add 11,335 new jobs and 69,631 annual job openings, while those that do not require formal education are estimated to add 7,521 jobs and have 51,882 annual job openings. At 3.80 percent, occupations requiring a Master’s Degree are growing the fastest. Occupations requiring a college degree are forecast to add 10,345 jobs into the Arkansas job market and have a combined 30,318 annual openings.

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

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **SOC Code** | **Standard Occupational Classification (SOC) Title** | **2017 Estimated Employment** | **2019 Projected Employment** | **Numeric Change** | **Percent Change** | **Annual Openings-Exits** | **Annual Openings-Transfers** | **Annual Openings-Change** | **Annual Openings-Total** | **Education / Training Assignments Work Experience** | **Education / Training Assignments Job Training** |
| **Doctoral or Professional Degree** | | | | | | | | | | | |
| 25-1071 | Health Specialties Teachers, Postsecondary | 2,720 | 2,882 | 162 | 5.96% | 102 | 107 | 81 | 290 | Less than 5 years | None |
| 23-1011 | Lawyers | 3,885 | 4,005 | 120 | 3.09% | 78 | 86 | 60 | 224 | None | None |
| 29-1051 | Pharmacists | 3,646 | 3,772 | 126 | 3.46% | 86 | 72 | 63 | 221 | None | None |
| **Master’s Degree** | | | | | | | | | | | |
| 21-1012 | Educational, Guidance, School, and Vocational Counselors | 2,251 | 2,310 | 59 | 2.62% | 84 | 149 | 30 | 263 | None | None |
| 11-9032 | Education Administrators, Elementary and Secondary School | 2,459 | 2,506 | 47 | 1.91% | 70 | 113 | 24 | 207 | 5 years or more | None |
| 21-1022 | Healthcare Social Workers | 1,441 | 1,499 | 58 | 4.02% | 53 | 94 | 29 | 176 | None | Internship/Residency |
| **Bachelor’s Degree** | | | | | | | | | | | |
| 11-1021 | General and Operations Managers | 21,142 | 21,733 | 591 | 2.80% | 444 | 1,278 | 296 | 2,018 | 5 years or more | None |
| 29-1141 | Registered Nurses | 25,182 | 26,183 | 1,001 | 3.98% | 736 | 558 | 500 | 1,794 | None | None |
| 21-2011 | Clergy | 8,582 | 9,197 | 615 | 7.17% | 408 | 546 | 308 | 1,262 | None | Moderate-Term OJT |
| **Associate’s Degree** | | | | | | | | | | | |
| 25-2011 | Preschool Teachers, Except Special Education | 3,368 | 3,484 | 116 | 3.44% | 148 | 183 | 58 | 389 | None | None |
| 23-2011 | Paralegals and Legal Assistants | 1,542 | 1,608 | 66 | 4.28% | 52 | 105 | 33 | 190 | None | None |
| 31-2021 | Physical Therapist Assistants | 1,111 | 1,187 | 76 | 6.84% | 50 | 84 | 38 | 172 | None | None |
| **Postsecondary Non-Degree Award/Some College, No Degree** | | | | | | | | | | | |
| 53-3032 | Heavy and Tractor-Trailer Truck Drivers | 35,258 | 36,112 | 854 | 2.42% | 1,513 | 2,242 | 427 | 4,182 | None | Short-Term OJT |
| 31-1014 | Nursing Assistants | 18,593 | 19,212 | 619 | 3.33% | 1,148 | 956 | 310 | 2,414 | None | None |
| 43-3031 | Bookkeeping, Accounting, and Auditing Clerks | 13,628 | 13,784 | 156 | 1.14% | 848 | 658 | 78 | 1,584 | None | Moderate-Term OJT |
| **High School Diploma or Equivalent** | | | | | | | | | | | |
| 11-9013 | Farmers, Ranchers, and Other Agricultural Managers | 61,973 | 62,615 | 642 | 1.04% | 3,642 | 925 | 321 | 4,888 | 5 years or more | None |
| 43-9061 | Office Clerks, General | 28,637 | 28,917 | 280 | 0.98% | 1,688 | 1,646 | 140 | 3,474 | None | Short-Term OJT |
| 39-9021 | Personal Care Aides | 17,248 | 17,986 | 738 | 4.28% | 1,406 | 1,059 | 369 | 2,834 | None | Short-Term OJT |
| **No Formal Educational Credential** | | | | | | | | | | | |
| 35-3021 | Combined Food Preparation and Serving Workers, Including Fast Food | 30,737 | 32,197 | 1,460 | 4.75% | 2,786 | 2,914 | 730 | 6,430 | None | Short-Term OJT |
| 41-2011 | Cashiers | 33,839 | 33,901 | 62 | 0.18% | 3,180 | 3,104 | 31 | 6,315 | None | Short-Term OJT |
| 41-2031 | Retail Salespersons | 37,585 | 37,894 | 309 | 0.82% | 2,390 | 2,995 | 154 | 5,539 | None | Short-Term OJT |

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

##### **2017-2019 Projections by Amount of Work Experience**

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Work Experience** | **2017 Estimated Employment** | **2019 Projected Employment** | **Numeric Change** | **Percent Change** | **Annual Exits** | **Annual Transfers** | **Annual Change** | **Annual Openings-Total** |
| 5 Years or More | 113,378 | 115,409 | 2,031 | 1.79% | 4,931 | 3,788 | 1,017 | 9,736 |
| Less than 5 Years | 140,241 | 143,857 | 3,616 | 2.58% | 5,268 | 8,494 | 1,806 | 15,568 |
| None | 1,127,047 | 1,154,164 | 27,117 | 2.41% | 55,436 | 72,606 | 13,552 | 141,594 |

**Work Experience Outlook**

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

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

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Job Training** | **2017 Estimated Employment** | **2019 Projected Employment** | **Numeric Change** | **Percent Change** | **Annual Exits** | **Annual Transfers** | **Annual Change** | **Annual Openings-Total** |
| Apprenticeship | 20,421 | 21,290 | 869 | 4.26% | 716 | 1,369 | 433 | 2,518 |
| Internship/Residency | 14,592 | 15,185 | 593 | 4.06% | 334 | 468 | 295 | 1,097 |
| Long-Term On-the-Job Training | 40,818 | 41,952 | 1,134 | 2.78% | 1,401 | 2,332 | 567 | 4,300 |
| Moderate-Term On-the-Job Training | 255,915 | 261,071 | 5,156 | 2.01% | 10,310 | 16,471 | 2,575 | 29,356 |
| Short-Term On-the-Job Training | 555,126 | 567,169 | 12,043 | 2.17% | 34,349 | 41,744 | 6,020 | 82,113 |
| None | 493,794 | 506,763 | 12,969 | 2.63% | 18,525 | 22,504 | 6,485 | 47,514 |

**Training Outlook**

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

##### **2017-2019 Projections by Education Training Path**

| **Education** | **Work Experience** | **Additional Training** | **2017 Estimated Employment** | **2019 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** | 723 | 736 | 13 | 1.80% | 14 | 16 | 7 | 37 |
| **Doctoral or Professional Degree** | **Less than 5 years** | **None** | 3,955 | 4,161 | 206 | 5.21% | 149 | 155 | 103 | 407 |
| **Doctoral or Professional Degree** | **None** | **Internship/ Residency** | 7,006 | 7,222 | 216 | 3.08% | 110 | 97 | 106 | 313 |
| **Doctoral or Professional Degree** | **None** | **None** | 20,749 | 21,427 | 678 | 3.27% | 556 | 572 | 336 | 1,464 |
| **Master's Degree** | **5 years or more** | **None** | 4,080 | 4,161 | 81 | 1.99% | 148 | 180 | 41 | 369 |
| **Master's Degree** | **Less than 5 years** | **None** | 1,363 | 1,397 | 34 | 2.49% | 38 | 63 | 17 | 118 |
| **Master's Degree** | **None** | **Internship/ Residency** | 5,541 | 5,805 | 264 | 4.76% | 165 | 289 | 132 | 586 |
| **Master's Degree** | **None** | **None** | 10,394 | 10,828 | 434 | 4.18% | 341 | 457 | 216 | 1,014 |
| **Bachelor's Degree** | **5 years or more** | **None** | 38,331 | 39,363 | 1,032 | 2.69% | 853 | 2,133 | 517 | 3,503 |
| **Bachelor's Degree** | **Less than 5 years** | **Moderate-Term On-the-Job Training** | 224 | 222 | -2 | -0.89% | 6 | 10 | -1 | 15 |
| **Bachelor's Degree** | **Less than 5 years** | **None** | 35,745 | 36,917 | 1,172 | 3.28% | 1,055 | 1,821 | 584 | 3,460 |
| **Bachelor's Degree** | **Less than 5 years** | **Short-Term On-the-Job Training** | 191 | 198 | 7 | 3.66% | 6 | 12 | 4 | 22 |
| **Bachelor's Degree** | **None** | **Internship/ Residency** | 2,045 | 2,158 | 113 | 5.53% | 59 | 82 | 57 | 198 |
| **Bachelor's Degree** | **None** | **Long-Term  On-the-Job Training** | 2,914 | 3,037 | 123 | 4.22% | 96 | 121 | 61 | 278 |
| **Bachelor's Degree** | **None** | **Moderate-Term On-the-Job Training** | 29,000 | 30,178 | 1,178 | 4.06% | 1,039 | 1,779 | 589 | 3,407 |
| **Bachelor's Degree** | **None** | **None** | 137,524 | 141,431 | 3,907 | 2.84% | 4,318 | 6,146 | 1,959 | 12,423 |
| **Bachelor's Degree** | **None** | **Short-Term On-the-Job Training** | 935 | 948 | 13 | 1.39% | 28 | 50 | 6 | 84 |
| **Associate's Degree** | **Less than 5 years** | **None** | 755 | 777 | 22 | 2.91% | 20 | 26 | 10 | 56 |
| **Associate's Degree** | **None** | **Long-Term  On-the-Job Training** | 636 | 636 | 0 | 0.00% | 35 | 44 | 0 | 79 |
| **Associate's Degree** | **None** | **Moderate-Term On-the-Job Training** | 1,832 | 1,885 | 53 | 2.89% | 61 | 114 | 26 | 201 |
| **Associate's Degree** | **None** | **None** | 22,989 | 23,788 | 799 | 3.48% | 774 | 1,097 | 399 | 2,270 |
| **Associate's Degree** | **None** | **Short-Term On-the-Job Training** | 128 | 130 | 2 | 1.56% | 4 | 8 | 2 | 14 |
| **Postsecondary Non-Degree Award** | **5 years or more** | **Moderate-Term On-the-Job Training** | 42 | 42 | 0 | 0.00% | 2 | 2 | 0 | 4 |
| **Postsecondary Non-Degree Award** | **Less than 5 years** | **Moderate-Term On-the-Job Training** | 936 | 958 | 22 | 2.35% | 30 | 32 | 11 | 73 |
| **Postsecondary Non-Degree Award** | **Less than 5 years** | **None** | 227 | 231 | 4 | 1.76% | 10 | 17 | 2 | 29 |
| **Postsecondary Non-Degree Award** | **Less than 5 years** | **Short-Term On-the-Job Training** | 857 | 863 | 6 | 0.70% | 28 | 38 | 3 | 69 |
| **Postsecondary Non-Degree Award** | **None** | **Long-Term  On-the-Job Training** | 6,868 | 7,133 | 265 | 3.86% | 184 | 396 | 132 | 712 |
| **Postsecondary Non-Degree Award** | **None** | **Moderate-Term On-the-Job Training** | 2,885 | 2,894 | 9 | 0.31% | 94 | 204 | 6 | 304 |
| **Postsecondary Non-Degree Award** | **None** | **None** | 50,943 | 52,633 | 1,690 | 3.32% | 2,464 | 2,364 | 845 | 5,673 |
| **Postsecondary Non-Degree Award** | **None** | **Short-Term On-the-Job Training** | 42,508 | 43,574 | 1,066 | 2.51% | 1,747 | 2,685 | 533 | 4,965 |
| **Some College, No Degree** | **None** | **Moderate-Term On-the-Job Training** | 13,628 | 13,784 | 156 | 1.14% | 848 | 658 | 78 | 1,584 |
| **Some College, No Degree** | **None** | **None** | 14,933 | 15,269 | 336 | 2.25% | 684 | 714 | 168 | 1,566 |
| **Some College, No Degree** | **None** | **Short-Term On-the-Job Training** | 773 | 781 | 8 | 1.03% | 26 | 50 | 4 | 80 |
| **High School Diploma or Equivalent** | **5 years or more** | **Moderate-Term On-the-Job Training** | 705 | 731 | 26 | 3.69% | 36 | 40 | 13 | 89 |
| **High School Diploma or Equivalent** | **5 years or more** | **None** | 69,394 | 70,269 | 875 | 1.26% | 3,872 | 1,409 | 437 | 5,718 |
| **High School Diploma or Equivalent** | **Less than 5 years** | **Long-Term  On-the-Job Training** | 122 | 121 | -1 | -0.82% | 6 | 8 | 0 | 14 |
| **High School Diploma or Equivalent** | **Less than 5 years** | **Moderate-Term On-the-Job Training** | 4,343 | 4,416 | 73 | 1.68% | 134 | 207 | 35 | 376 |
| **High School Diploma or Equivalent** | **Less than 5 years** | **None** | 81,307 | 82,971 | 1,664 | 2.05% | 3,178 | 5,272 | 834 | 9,284 |
| **High School Diploma or Equivalent** | **None** | **Apprenticeship** | 20,421 | 21,290 | 869 | 4.26% | 716 | 1,369 | 433 | 2,518 |
| **High School Diploma or Equivalent** | **None** | **Long-Term  On-the-Job Training** | 26,012 | 26,625 | 613 | 2.36% | 850 | 1,487 | 310 | 2,647 |
| **High School Diploma or Equivalent** | **None** | **Moderate-Term On-the-Job Training** | 177,604 | 180,600 | 2,996 | 1.69% | 6,884 | 11,551 | 1,496 | 19,931 |
| **High School Diploma or Equivalent** | **None** | **None** | 1,093 | 1,128 | 35 | 3.20% | 64 | 77 | 17 | 158 |
| **High School Diploma or Equivalent** | **None** | **Short-Term On-the-Job Training** | 216,549 | 220,730 | 4,181 | 1.93% | 12,723 | 14,067 | 2,090 | 28,880 |
| **No Formal Educational Credential** | **Less than 5 years** | **Moderate-Term On-the-Job Training** | 10,131 | 10,540 | 409 | 4.04% | 606 | 827 | 204 | 1,637 |
| **No Formal Educational Credential** | **None** | **Long-Term  On-the-Job Training** | 4,081 | 4,210 | 129 | 3.16% | 220 | 264 | 62 | 546 |
| **No Formal Educational Credential** | **None** | **Moderate-Term On-the-Job Training** | 14,585 | 14,821 | 236 | 1.62% | 570 | 1,047 | 118 | 1,735 |
| **No Formal Educational Credential** | **None** | **Short-Term On-the-Job Training** | 292,377 | 299,124 | 6,747 | 2.31% | 19,771 | 24,812 | 3,371 | 47,954 |

##### 

##### Top 15 Content Skills

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

|  |  |  |
| --- | --- | --- |
| **Skills** | **Total Demand** | **Definition** |
| **Active Listening** | 57,495 | 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** | 55,450 | Talking to others to convey information effectively. |
| **Reading Comprehension** | 26,097 | Understanding written sentences and paragraphs in work-related documents. |
| **Social Perceptiveness** | 24,665 | Being aware of other’s reactions and understanding why they react as they do |
| **Service Orientation** | 15,686 | Actively looking for ways to help people. |
| **Monitoring** | 14,645 | Monitoring/Assessing performance of yourself, other individuals, or organizations to make improvements or take corrective action. |
| **Writing** | 14,405 | Communicating effectively in writing as appropriate for the needs of the audience. |
| **Critical Thinking** | 14,172 | Using logic and reasoning to identify the strengths and weaknesses of alternative solutions, conclusions or approaches to problems. |
| **Coordination** | 12,908 | Adjusting actions in relation to others' actions. |
| **Instructing** | 12,264 | Teaching others how to do something. |
| **Judgment and Decision Making** | 9,419 | Considering the relative costs and benefits of potential actions to choose the most appropriate one. |
| **Learning Strategies** | 8,391 | Selecting and using training/instructional methods and procedures appropriate for the situation when learning or teaching new things. |
| **Time Management** | 4,895 | Managing one’s own time and the time of others. |
| **Repairing** | 4,449 | Repairing machines or systems using the needed tools. |
| **Equipment Maintenance** | 4,279 | Performing routine maintenance on equipment and determining when and what kind of maintenance is needed. |

##### Top 15 Knowledge Domains

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

|  |  |  |
| --- | --- | --- |
| **Knowledges** | **Total Demand** | **Definition** |
| **Customer and Personal Service** | 121,816 | 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** | 50,717 | 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** | 25,618 | 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** | 22,550 | 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** | 15,430 | Knowledge of principles and methods for curriculum and training design, teaching and instruction for individuals and groups, and the measurement of training effects. |
| **Psychology** | 13,278 | 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** | 12,799 | 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. |
| **Medicine and Dentistry** | 11,472 | Knowledge of the information and techniques needed to diagnose and treat human injuries, diseases, and deformities. This includes symptoms, treatment alternatives, drug properties and interactions, and preventive health-care measures. |
| **Mechanical** | 11,333 | Knowledge of machines and tools, including their designs, uses, repair, and maintenance. |
| **Building and Construction** | 10,591 | 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** | 7,284 | Knowledge of arithmetic, algebra, geometry, calculus, statistics, and their applications. |
| **Production and Processing** | 6,807 | Knowledge of raw materials, production processes, quality control, costs, and other techniques for maximizing the effective manufacture and distribution of goods. |
| **Computers and Electronics** | 6,336 | Knowledge of circuit boards, processors, chips, electronic equipment, and computer hardware and software, including applications and programming. |
| **Public Safety and Security** | 4,980 | 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** | 3,911 | Knowledge of economic and accounting principles and practices, the financial markets, banking and the analysis and reporting of financial data. |

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

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

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

|  |  |  |
| --- | --- | --- |
| **Job Training Code** | **Type of Training** | **Definition** |
| 1 | Apprenticeship | Combination of on-the-job training and related 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. Many 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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