# STATE OF ARKANSAS

**LONG-TERM INDUSTRY AND OCCUPATIONAL PROJECTIONS** **2018-2028**

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**Asa Hutchinson, Governor** **State of Arkansas**

**Charise Childers, Ph.D., Director Division of Workforce Services**

**Published By:**

**Arkansas Department of Commerce Division of Workforce Services** **Labor Market Information Occupational Career Information**

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**P.O. Box 2981 Little Rock, AR 72203 Phone: (501) 682-3123**

**Fax: (501) 682-3186**

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

**TDD: 1-800-285-1131**

**State of Arkansas Home Page:** [**http://www.arkansas.gov**](http://www.arkansas.gov/)

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## Definitions 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.

**Generalized Work Activities** – The types of tasks that are common to many jobs. **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 Growth –** 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 and 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 (%) Growth –** 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.

# Introduction

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

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

This publication is divided into two main parts. The first part of the publication involves the industry projections. Several tables and graphs are used to show what is happening at the industry level in Arkansas. A written narrative will highlight 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 occupation level in Arkansas. A written narrative will highlight 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. Openings are created due to a variety of factors, including employees leaving the workforce for a period of time, employees changing jobs, and expansion and growth in an occupation. It is important to look at all of these factors when determining whether a particular occupation is right for you.

For each occupation, an education/training level will be 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 of training: Education, Work Experience, and Job Training. Some businesses, however, may require a higher level of training. Some occupations may also have different grades or levels that require different levels of training. These various levels of training will not be reflected in this publication.

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

**Methodology**

The following shows a brief overview of the methods used to produce long-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 and American Community Survey (ACS)* data.

**Industry Projections**

The industry projections in this publication were produced using the *Projection Suite* software, authorized by the U.S. Department of Labor and developed by the Utah Department of Workforce Services. The program allows the analyst to choose from a variety of predefined, generally accepted projection models, including linear and multiple regression models and shift-share models. Independent variables that may be used in the regression models are time, national employment, and state civilian labor force, plus a variety of other national and state variables. A final forecast is chosen based on established statistical methodology.

For some industry reporting, Industry Supersectors are used. NAICS codes for Supersectors are not published in the NAICS manual. They were developed for statistical reporting purposes and are used for some industry data contained on the Data Analysis section of the *Discover Arkansas* website.

**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

OES semiannual survey of the year that corresponds to the base year to establish the staffing patterns and is provided through the Estimates Delivery System (EDS), now the Local Employment and Wages Information System (LEWIS).

The occupational employment projections contained in this publication were created using the *Projection 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 and unpaid family workers staffing patterns, the system generates base and projected employment for self-employed and unpaid family workers.

**Data Limitations**

The projections contained in this publication are estimates based on historical data. It is important to not rely on these projections as the actual employment numbers that will occur in 2028. While every attempt is made to incorporate current and future events, such as business closings, corporate layoffs, openings, and expansions, it is not possible to know everything that might happen. Events that would 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 numeric change and percent change 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. Concerning occupational projections, it is important to look at openings associated with all three factors: Occupational Exits, Occupational Transfers, and Occupational Change.

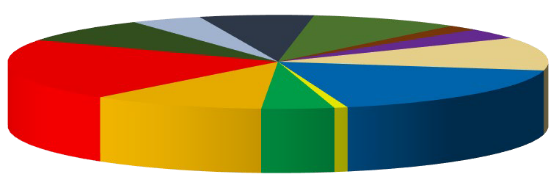
**State of Arkansas**

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; and 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. The state has many historical landmarks and state parks scattered throughout the state. This is one of the reasons why Arkansas is called the Natural State.

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

Arkansas’s population based on the state Census Data Center estimates was 3,009,733 as of July 1, 2018, which is an increase of 93,815 residents from the 2010 Census, and 135,170 more residents than the 2008 Population Estimate. The unemployment rate for annual 2018 was 3.6 percent.



**4.33%**

**0.80%**

**10.41%**

**21.23%**

**17.89%**

**11.42%**

**8.41%**

**4.27%**

**3.60%**

**1.85%**

**8.97%**

**6.84%**

**Employment Distribution (Annual 2018)**

**Natural Resources and Mining**

**Construction Manufacturing**

**Trade, Transportation, and Utilities Information**

**Financial Activities**

**Professional and Business Services Education and Health Services Leisure and Hospitality**

**Other Services Government**

**Self-Employed and Unpaid Family Workers**

**Local Workforce Development Areas**



**NW**

**NE**

**NC**

**W**

**C**

**E**

**WC**

**SE**

**SW**

**LR**

**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, Saline, and Pulaski counties, except the City of Little Rock

**City of Little Rock Workforce Development Area**

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

# Explanation of Long-Term Industry Projections Data

**Arkansas-Statewide 2018-2028**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **NAICS**  **Code** | **NAICS Title** | **2018**  **Estimated Employment** | **2028**  **Projected Employment** | **Numeric Change** | **Percent Change** |
| Industry code according to the North American Industry Classification System (NAICS) Title and Coding Structure | Industry title according to the North American Industry Classification System (NAICS) Title and Coding Structure | An estimate of the number of jobs in an industry in 2018 | The projected number of jobs expected to be in an industry in 2028 | Total number of jobs an industry is expected to gain or lose over the 2018 to 2028 period | Percent change in the number of jobs in an industry over the 2018 to 2028 period |

**2018-2028 Industry Projections by Major Division**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **NAICS**  **Code** | **NAICS Title** | **2018**  **Estimated Employment** | **2028**  **Projected Employment** | **Numeric Change** | **Percent Change** |
| **000000** | **TOTAL ALL INDUSTRIES** | **1,408,747** | **1,527,428** | **118,681** | **8.42%** |
| **000671** | **Total Self Employed and Unpaid Family Workers, All Jobs** | **126,339** | **133,099** | **6,760** | **5.35%** |
| 006010 | Self Employed Workers, All Jobs | 118,422 | 123,952 | 5,530 | 4.67% |
| 007010 | Unpaid Family Workers, All Jobs | 7,917 | 9,147 | 1,230 | 15.54% |
| 101000 | Goods Producing | 237,627 | 248,567 | 10,940 | 4.60% |
| **101100** | **NATURAL RESOURCES AND MINING** | **25,999** | **26,954** | **955** | **3.67%** |
| 110000 | Agriculture, Forestry, Fishing and Hunting | 22,093 | 22,984 | 891 | 4.03% |
| 210000 | Mining | 3,906 | 3,970 | 64 | 1.64% |
| **101200** | **CONSTRUCTION** | **50,771** | **56,738** | **5,967** | **11.75%** |
| **101300** | **MANUFACTURING** | **160,857** | **164,875** | **4,018** | **2.50%** |
|  | **Non-Durable Goods Manufacturing** | **84,166** | **87,193** | **3,027** | **3.60%** |
|  | **Durable Goods Manufacturing** | **76,691** | **77,682** | **991** | **1.29%** |
| 102000 | Services Providing | 1,044,781 | 1,145,762 | 100,981 | 9.67% |
| **102100** | **TRADE, TRANSPORTATION, AND UTILITIES** | **251,971** | **262,723** | **10,752** | **4.27%** |
| 420000 | Wholesale Trade | 47,075 | 49,194 | 2,119 | 4.50% |
| 440000 | Retail Trade | 139,029 | 142,909 | 3,880 | 2.79% |
| 480000 | Transportation and Warehousing | 58,070 | 62,468 | 4,398 | 7.57% |
| 220000 | Utilities | 7,797 | 8,152 | 355 | 4.55% |
| **102200** | **INFORMATION** | **11,223** | **10,558** | **-665** | **-5.93%** |
| **102300** | **FINANCIAL ACTIVITIES** | **60,974** | **66,932** | **5,958** | **9.77%** |
| 520000 | Finance and Insurance | 47,368 | 52,308 | 4,940 | 10.43% |
| 530000 | Real Estate and Rental and Leasing | 13,606 | 14,624 | 1,018 | 7.48% |
| **102400** | **PROFESSIONAL AND BUSINESS SERVICES** | **146,599** | **165,514** | **18,915** | **12.90%** |
| 540000 | Professional, Scientific, and Technical Services | 43,845 | 48,959 | 5,114 | 11.66% |
| 550000 | Management of Companies and Enterprises | 34,782 | 40,395 | 5,613 | 16.14% |
| 560000 | Administrative and Support and Waste Management and Remediation Services | 67,972 | 76,160 | 8,188 | 12.05% |
| **102500** | **EDUCATION AND HEALTH SERVICES** | **299,081** | **335,553** | **36,472** | **12.19%** |
| 610000 | Educational Services | 108,629 | 113,795 | 5,166 | 4.76% |
| 620000 | Health Care and Social Assistance | 190,452 | 221,758 | 31,306 | 16.44% |
| **102600** | **LEISURE AND HOSPITALITY** | **118,424** | **134,339** | **15,915** | **13.44%** |
| 710000 | Arts, Entertainment, and Recreation | 11,426 | 12,626 | 1,200 | 10.50% |
| 720000 | Accommodation and Food Services | 106,998 | 121,713 | 14,715 | 13.75% |
| **102700** | **OTHER SERVICES (EXCEPT GOVERNMENT)** | **60,130** | **67,209** | **7,079** | **11.77%** |
| **102800** | **GOVERNMENT** | **96,379** | **102,934** | **6,555** | **6.80%** |

**Industry Outlook**

The job market in Arkansas is projected to add 118,681 new jobs during the 2018-2028 projection period, an 8.42 percent increase.

**Goods-Producing** industries are expected to add 10,940 new jobs, while the **Services-Providing** industries should see most of the growth, with 100,981 new jobs being added. Self-Employed and Unpaid Family Workers could see 6,760 more jobs during this period.

The **Natural Resources and Mining** supersector is expected to gain 955 jobs during the projection period. Driving the growth is the **Agriculture, Forestry, Fishing, and Hunting** sector, which could see a gain of 891 jobs over the projection period. However, Logging could see a loss of 306 jobs, placing among the Top 10 of the Top 20 Declining Industries list. The **Mining** sector is slated to experience a net gain of 64 jobs. While *Support Activities for Mining* could see a gain of 80 jobs, *Oil and Gas Extraction* is predicted to lose 65.

**Construction** is estimated to be the top and fastest growing among Goods-Producing supersectors, adding 5,967 jobs, or 11.75 percent to its workforce during the projection period. More than 66 percent of the growth could come in the *Specialty Trade Contractors* subsector, with a growth of 3,965 new jobs over the 10-year period. Driving this growth is Building Equipment Contractors, which is forecast to add 2,635 new jobs, an increase of 14.95 percent, making the Top 20 Growing Industries list. On the negative side of the economy, Land Subdivision could see a loss of more than a third of its workforce, placing second in the state in percent decline.

The **Manufacturing** supersector is expected to increase employment by 4,018 jobs by 2028. **Non-Durable Goods Manufacturing** could see 3,027 of these jobs and the *Food Manufacturing* subsector is the driving force behind the growth, with a projected gain of 2,329. Animal Slaughtering and Processing is the top growing industry in **Manufacturing,** with a growth of 1,417 jobs. Fabric Mills is forecasted to be the fastest growing industry in the state between 2018 and 2028, nearly tripling in size, as an influx of clothing and fabric manufacturing firms have expressed interest in the state over the years. However, on the negative side of the job market, several **Non-Durable Goods**

**Manufacturing** industries, five, in all, made the Top 20 Declining Industries list. Leading the pack is Printing and Related Support Activities, with a loss of 413, placing fourth in the state in numeric decline. Apparel Knitting Mills is slated to be the fastest declining industry in **Manufacturing**, and third statewide, with a potential loss of

29.63 percent of its workforce.

**Durable Goods Manufacturing** is expecting a net gain of 991 jobs over the next 10 years. The largest increase in jobs should be seen in the *Transportation Equipment Manufacturing* subsector, with 1,222 jobs anticipated overall. Iron and Steel Mills and Ferroalloy Manufacturing could see a 28.43 percent rise in jobs, placing the industry among the ten fastest growing industries in the state. The *Fabricated Metal Product Manufacturing* subsector is also projected to add more than 1,000 jobs during the projection period. However, not all Durable Goods Manufacturing industries are slated to see so bright a future. The *Machinery Manufacturing* subsector is estimated to lose 486 jobs, placing second in the state in numeric decline. In all, seven **Durable Goods Manufacturing** industries made the Top 20 Declining Industries list. Foundries is projected to be among the ten fastest declining industries in the state, with a loss of 16.35 percent of its workforce, or 260 jobs.

The **Trade, Transportation, and Utilities** supersector is projected to gain 10,752 jobs over the 10-year period. Wholesale Trade could see an increase of 2,119 jobs, with *Merchant Wholesalers, Durable Goods,* anticipating adding 1,659 jobs. *Wholesale Electronic Markets and Agents and Brokers* is estimated to add 256 new jobs, while *Merchant Wholesalers, Nondurable Goods* is expected to increase employment by

204. **Retail Trade** could increase by just 3,880 jobs over the projection period. The long-term outlook for *General Merchandise Stores* looks promising, with a net gain of 1,469 jobs, but will likely see a few bumps along the way. The *Motor Vehicle and Parts Dealers* subsector is also set to experience strong growth, adding 1,266 new jobs. On the negative side of the labor market, Food and Beverage Stores is expected to lose 305 jobs between 2018 and 2028, possibly due to increased use of self-

check-out and grocery pickup and delivery. Book, Periodical, and Music Stores is slated to be the fastest declining among **Retail Trade** industries, and sixth statewide, with a loss of 21.97 percent of its workforce, due to online purchasing of these products as well as online streaming services.

The **Transportation and Warehousing** sector is projected to add 4,398 jobs. *Truck Transportation* is the biggest driver of this growth, adding 1,895 new jobs, making the Top 20 Growing Industries list.

*Warehousing and Storage* is slated to increase by an additional 1,080 jobs. Other Transit and Ground Passenger Transportation is estimated to be the third fastest growing industry in the state, increasing by 40.09 percent between 2018 and 2028, while Support Activities for Rail Transportation could also be among the ten fastest growing industries in the state, with a 28.48 percent rise in jobs. Scenic and Sightseeing Transportation is projected to lose 16.67 percent of its workforce during the 2018-2028 period. **Utilities** is expected to experience a net gain of 355 jobs by 2028. Electric Power Generation, Transmission and Distribution is slated to add 300 jobs, while Natural Gas Distribution could cut 70 from its workforce.

**Information** is projected to be the only supersector to experience a net loss of jobs, with 665 being eliminated during the projection period, a

5.93 percent decline. The *Telecommunications* subsector could see a significant net loss of 754 jobs over the projection period, becoming the top declining industry in the state, and among the ten fastest declining, at a rate of 21.65 percent. Cable and Other Subscription Programming is slated to be the fastest declining industry in the state, losing 41.18 percent of its workforce. One positive in the **Information** supersector is Data Processing, Hosting and Related Services, which is forecasted to gain 293 jobs, or 20.71 percent during the 2018-2028 projection period.

The **Financial Activities** supersector is projected to add 5,958 new jobs, with the **Finance and Insurance** sector accounting for 4,940 of those new jobs. The *Insurance Carriers and Related Activities* subsector is estimated to add 4,103 jobs to its workforce. Driving this growth is Insurance Carriers, with a growth of 3,632, placing the industry among the ten highest growing industries in the state, also placing in the Top 20 Fastest Growing Industries list with a 21.61 percent growth. The *Credit Intermediation and Related Activities* subsector is estimated to add 622

new jobs to its workforce. The **Real Estate and Rental and Leasing** sector is predicted to increase by 1,018 jobs, or 7.48 percent growth. The majority of the gain is likely to occur in the *Real Estate* subsector, adding 986, or 10.39 percent to its workforce. *Lessors of Nonfinancial Intangible Assets (except Copyrighted Works)* is forecasted to lose 12.20 percent of its workforce, placing in the Top 20 Fastest Declining Industries list.

The **Professional and Business Services** supersector is expected to add 18,915 jobs by 2028. The **Professional, Scientific, and Technical Services** sector should anticipate 5,114 jobs over the projection period. Driving job growth is Computer Systems Design and Related Services, which is estimated to gain 1,899 of those jobs, placing in the Top 20 Growing Industries list. Management, Scientific, and Technical Consulting Services is forecast to be in the Top 20 Fastest Growing Industries list, raising employment by 21.90 percent. The **Management of Companies and Enterprises** sector could add 5,613 new jobs between 2018 and 2028, an increase of 16.14 percent. The **Administrative and Support and Waste Management and Remediation Services** sector could see a growth of 8,188 new jobs.

Within the sector, Employment Services should see the most growth with an estimated 3,349 new jobs, placing among the ten highest growing in the state. One downside is Travel Arrangement and Reservation Services, slated to lose 89 jobs, or 24.18 percent of its workforce, fourth in the state.

**Education and Health Services** is projected to be the top growing supersector in the state, with 36,472 new jobs being added by 2028, a

12.19 percent rise in employment. *Educational Services* could see a growth of 5,166 jobs. Elementary and Secondary Schools should see most of this growth with 3,241 jobs anticipated to be added. **Health Care and Social Assistance** is forecasted to be the top and fastest growing sector, with 31,306 jobs expected. Of those jobs, 13,315 could be found in the *Ambulatory Health Care Services.* Individual and Family Services is projected to be the top growing industry in **Education and Health Services**, adding 7,108 new jobs, the second highest in the state and among the ten fastest. Home Health Care Services is slated to add 35.16 percent to its workforce, placing fourth in the state in percent growth. In all, seven industries in **Education and Health Services**

made the Top 20 Growing Industries list and six industries made the Top 20 Fastest Growing Industries list.

At 13.44 percent, the **Leisure and Hospitality** supersector would be the fastest growing in the state, equivalent to 15,915 new jobs during the projection period. Most of the growth is likely to come in the **Accommodation and Food Services** sector, which is projected to add 14,715 new jobs, a 13.75 percent increase. Driving this growth is Restaurants and Other Eating Places, which is forecast to add 13,387 new jobs between 2018 and 2028, becoming the top growing industry in the state. The **Arts, Entertainment, and Recreation** sector is estimated to add 1,200 jobs.

The **Other Services (Except Government)** supersector could add 7,079 new jobs by 2028, an increase of 11.77 percent*. Religious, Grantmaking, Civic, Professional, and Similar Organizations* could lead

the supersector with 6,023 jobs. Grantmaking and Giving Services could increase employment by 53.66 percent, second fastest in the state.

Religious Organizations is anticipated to add the most jobs, with 3,028 new jobs between 2018 and 2028. Drycleaning and Laundry Services is slated to lose 112 jobs, while Personal and Household Goods Repair and Maintenance is forecasted to lose 14.22 percent of its workforce

The **Government** supersector is projected to grow by 6,555 jobs during the 10-year period. *State, Government, Excluding Education and Hospitals* should see 2,507 new jobs, while *Local Government, Excluding Education and Hospitals* could see a growth of 4,322 new jobs, placing both on the Top 20 Growing Industries list. However, Postal Service should see a decrease of 314 jobs by 2028 as small short- term gains likely will not be enough to offset long-term losses. Federal Government, Excluding Post Office is expected to gain 40 jobs.

**Percent Change by Industry Supersector**



**-5.93%**

**6.80%**

**11.77%**

**13.44%**

**12.19%**

**12.90%**

**9.77%**

**4.27%**

**11.75%**

**2.50%**

**3.67%**

**-6% -1% 4% 9% 14%**

Natural Resources and Mining

Construction Manufacturing

Trade, Transportation, and Utilities

Information Financial Activities

Professional and Business Services Education and Health Services Leisure and Hospitality

Other Services (Except Government)

Government

### Top 20 Growing Industries by Numeric Change

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **NAICS**  **Code** | **NAICS Title** | **2018**  **Estimated Employment** | **2028**  **Projected Employment** | **Numeric Change** | **Percent Change** |
| 722500 | Restaurants and Other Eating Places | 90,011 | 103,398 | **13,387** | 14.87% |
| 624100 | Individual and Family Services | 25,261 | 32,369 | **7,108** | 28.14% |
| 551000 | Management of Companies and Enterprises | 34,782 | 40,395 | **5,613** | 16.14% |
| 621100 | Offices of Physicians | 25,312 | 30,038 | **4,726** | 18.67% |
| 999300 | Local Government, Excluding Education and Hospitals | 41,740 | 46,062 | **4,322** | 10.35% |
| 524100 | Insurance Carriers | 16,806 | 20,438 | **3,632** | 21.61% |
| 622100 | General Medical and Surgical Hospitals | 52,392 | 55,953 | **3,561** | 6.80% |
| 561300 | Employment Services | 29,158 | 32,507 | **3,349** | 11.49% |
| 611100 | Elementary and Secondary Schools | 71,932 | 75,173 | **3,241** | 4.51% |
| 813100 | Religious Organizations | 25,120 | 28,148 | **3,028** | 12.05% |
| 621300 | Offices of Other Health Practitioners | 9,283 | 11,967 | **2,684** | 28.91% |
| 238200 | Building Equipment Contractors | 17,625 | 20,260 | **2,635** | 14.95% |
| 999200 | State Government, Excluding Education and Hospitals | 34,280 | 36,787 | **2,507** | 7.31% |
| 621600 | Home Health Care Services | 6,948 | 9,391 | **2,443** | 35.16% |
| 623100 | Nursing Care Facilities (Skilled Nursing Facilities) | 22,865 | 25,061 | **2,196** | 9.60% |
| 541500 | Computer Systems Design and Related Services | 9,594 | 11,493 | **1,899** | 19.79% |
| 484000 | Truck Transportation | 32,419 | 34,314 | **1,895** | 5.85% |
| 561700 | Services to Buildings and Dwellings | 15,148 | 16,893 | **1,745** | 11.52% |
| 624400 | Child Day Care Services | 10,236 | 11,911 | **1,675** | 16.36% |
| 813200 | Grantmaking and Giving Services | 3,097 | 4,759 | **1,662** | 53.66% |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **NAICS**  **Code** | **NAICS Title** | **2018**  **Estimated Employment** | **2028**  **Estimated Employment** | **Numeric Change** | **Percent Change** |
| 313200 | Fabric Mills | 95 | 275 | 180 | **189.47%** |
| 813200 | Grantmaking and Giving Services | 3,097 | 4,759 | 1,662 | **53.66%** |
| 485900 | Other Transit and Ground Passenger Transportation | 1,065 | 1,492 | 427 | **40.09%** |
| 621600 | Home Health Care Services | 6,948 | 9,391 | 2,443 | **35.16%** |
| 621500 | Medical and Diagnostic Laboratories | 1,356 | 1,799 | 443 | **32.67%** |
| 623300 | Continuing Care Retirement Communities and Assisted Living Facilities for the Elderly | 4,319 | 5,713 | 1,394 | **32.28%** |
| 621300 | Offices of Other Health Practitioners | 9,283 | 11,967 | 2,684 | **28.91%** |
| 488200 | Support Activities for Rail Transportation | 797 | 1,024 | 227 | **28.48%** |
| 331100 | Iron and Steel Mills and Ferroalloy Manufacturing | 3,222 | 4,138 | 916 | **28.43%** |
| 624100 | Individual and Family Services | 25,261 | 32,369 | 7,108 | **28.14%** |
| 621400 | Outpatient Care Centers | 5,247 | 6,668 | 1,421 | **27.08%** |
| 511200 | Software Publishers | 406 | 515 | 109 | **26.85%** |
| 813300 | Social Advocacy Organizations | 4,702 | 5,926 | 1,224 | **26.03%** |
| 562900 | Remediation and Other Waste Management Services | 1,147 | 1,430 | 283 | **24.67%** |
| 562100 | Waste Collection | 1,279 | 1,588 | 309 | **24.16%** |
| 541600 | Management, Scientific, and Technical Consulting Services | 6,653 | 8,110 | 1,457 | **21.90%** |
| 524100 | Insurance Carriers | 16,806 | 20,438 | 3,632 | **21.61%** |
| 488400 | Support Activities for Road Transportation | 794 | 965 | 171 | **21.54%** |
| 488900 | Other Support Activities for Transportation | 126 | 153 | 27 | **21.43%** |
| 336200 | Motor Vehicle Body and Trailer Manufacturing | 2,147 | 2,599 | 452 | **21.05%** |

**Top 20 Declining Industries by Numeric Change**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **NAICS**  **Code** | **NAICS Title** | **2018**  **Estimated Employment** | **2028**  **Projected Employment** | **Numeric Change** | **Percent Change** |
| 517000 | Telecommunications | 3,482 | 2,728 | **-754** | -21.65% |
| 333000 | Machinery Manufacturing | 11,357 | 10,871 | **-486** | -4.28% |
| 327000 | Nonmetallic Mineral Product Manufacturing | 3,649 | 3,195 | **-454** | -12.44% |
| 323000 | Printing and Related Support Activities | 3,854 | 3,441 | **-413** | -10.72% |
| 311400 | Fruit and Vegetable Preserving and Specialty Food Manufacturing | 4,093 | 3,742 | **-351** | -8.58% |
| 335300 | Electrical Equipment Manufacturing | 2,999 | 2,660 | **-339** | -11.30% |
| 322100 | Pulp, Paper, and Paperboard Mills | 3,881 | 3,559 | **-322** | -8.30% |
| 491100 | Postal Service | 5,560 | 5,246 | **-314** | -5.65% |
| 113300 | Logging | 2,078 | 1,772 | **-306** | -14.73% |
| 445000 | Food and Beverage Stores | 19,350 | 19,045 | **-305** | -1.58% |
| 322200 | Converted Paper Product Manufacturing | 5,766 | 5,471 | **-295** | -5.12% |
| 443000 | Electronics and Appliance Stores | 3,462 | 3,184 | **-278** | -8.03% |
| 511100 | Newspaper, Periodical, Book, and Directory Publishers | 2,679 | 2,407 | **-272** | -10.15% |
| 321900 | Other Wood Product Manufacturing | 3,303 | 3,035 | **-268** | -8.11% |
| 448100 | Clothing Stores | 6,178 | 5,917 | **-261** | -4.22% |
| 331500 | Foundries | 1,590 | 1,330 | **-260** | -16.35% |
| 337000 | Furniture and Related Product Manufacturing | 3,662 | 3,443 | **-219** | -5.98% |
| 315100 | Apparel Knitting Mills | 567 | 399 | **-168** | -29.63% |
| 336400 | Aerospace Product and Parts Manufacturing | 3,832 | 3,664 | **-168** | -4.38% |
| 442100 | Furniture Stores | 1,959 | 1,830 | **-129** | -6.58% |
| 515100 | Radio and Television Broadcasting | 1,555 | 1,426 | **-129** | -8.30% |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **NAICS**  **Code** | **NAICS Title** | **2018**  **Estimated Employment** | **2028**  **Projected Employment** | **Numeric Change** | **Percent Change** |
| 515200 | Cable and Other Subscription Programming | 17 | 10 | -7 | **-41.18%** |
| 237200 | Land Subdivision | 79 | 49 | -30 | **-37.97%** |
| 315100 | Apparel Knitting Mills | 567 | 399 | -168 | **-29.63%** |
| 561500 | Travel Arrangement and Reservation Services | 368 | 279 | -89 | **-24.18%** |
| 313300 | Textile and Fabric Finishing and Fabric | 21 | 16 | -5 | **-23.81%** |
| 451200 | Book, Periodical, and Music Stores | 478 | 373 | -105 | **-21.97%** |
| 517000 | Telecommunications | 3,482 | 2,728 | -754 | **-21.65%** |
| 487000 | Scenic and Sightseeing Transportation | 30 | 25 | -5 | **-16.67%** |
| 331500 | Foundries | 1,590 | 1,330 | -260 | **-16.35%** |
| 711500 | Independent Artists, Writers, and Performers | 67 | 57 | -10 | **-14.93%** |
| 113300 | Logging | 2,078 | 1,772 | -306 | **-14.73%** |
| 811400 | Personal and Household Goods Repair and Maintenance | 619 | 531 | -88 | **-14.22%** |
| 316200 | Footwear Manufacturing | 904 | 777 | -127 | **-14.05%** |
| 454200 | Vending Machine Operators | 466 | 403 | -63 | **-13.52%** |
| 331400 | Nonferrous Metal (except Aluminum) Production and Processing | 320 | 277 | -43 | **-13.44%** |
| 448300 | Jewelry, Luggage, and Leather Goods Stores | 715 | 620 | -95 | **-13.29%** |
| 454300 | Direct Selling Establishments | 663 | 579 | -84 | **-12.67%** |
| 327000 | Nonmetallic Mineral Product Manufacturing | 3,649 | 3,195 | -454 | **-12.44%** |
| 533000 | Lessors of Nonfinancial Intangible Assets (except Copyrighted Works) | 41 | 36 | -5 | **-12.20%** |
| 334500 | Navigational, Measuring, Electromedical, and Control Instruments Manufacturing | 402 | 356 | -46 | **-11.44%** |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **NAICS**  **Code** | **NAICS Title** | **2018**  **Estimated Employment** | **2028**  **Projected Employment** | **Numeric Change** | **Percent Change** |
| **000000** | **TOTAL ALL INDUSTRIES** | **1,408,747** | **1,527,428** | **118,681** | **8.42%** |
|  |  |  |  |  |  |
| 000671 | **Total Self Employed and Unpaid Family Workers, All Jobs** | 126,339 | 133,099 | 6,760 | 5.35% |
| 006010 | Self Employed Workers, All Jobs | 118,422 | 123,952 | 5,530 | 4.67% |
| 007010 | Unpaid Family Workers, All Jobs | 7,917 | 9,147 | 1,230 | 15.54% |
|  |  |  |  |  |  |
| 101000 | Goods Producing | 237,627 | 248,567 | 10,940 | 4.60% |
|  |  |  |  |  |  |
| **101100** | **NATURAL RESOURCES AND MINING** | **25,999** | **26,954** | **955** | **3.67%** |
|  |  |  |  |  |  |
| **110000** | **Agriculture, Forestry, Fishing and Hunting** | **22,093** | **22,984** | **891** | **4.03%** |
| *111000* | *Crop Production* | *7,313* | *7,828* | *515* | *7.04%* |
| *112000* | *Animal Production* | *6,519* | *6,892* | *373* | *5.72%* |
| *113000* | *Forestry and Logging* | *2,402* | *2,091* | *-311* | *-12.95%* |
| 113132 | Forestry | 324 | 319 | -5 | -1.54% |
| 113300 | Logging | 2,078 | 1,772 | -306 | -14.73% |
| *114000* | *Fishing, Hunting and Trapping* | *16* | *15* | *-1* | *-6.25%* |
| *115000* | *Support Activities for Agriculture and Forestry* | *5,843* | *6,158* | *315* | *5.39%* |
|  |  |  |  |  |  |
| **210000** | **Mining** | **3,906** | **3,970** | **64** | **1.64%** |
| *211000* | *Oil and Gas Extraction* | *767* | *702* | *-65* | *-8.47%* |
| *212000* | *Mining (except Oil and Gas)* | *1,770* | *1,819* | *49* | *2.77%* |
| *213000* | *Support Activities for Mining* | *1,369* | *1,449* | *80* | *5.84%* |
|  |  |  |  |  |  |
| **101200** | **CONSTRUCTION** | **50,771** | **56,738** | **5,967** | **11.75%** |
|  |  |  |  |  |  |
| *236000* | *Construction of Buildings* | *10,693* | *11,911* | *1,218* | *11.39%* |
| 236100 | Residential Building Construction | 3,489 | 3,949 | 460 | 13.18% |
| 236200 | Nonresidential Building Construction | 7,204 | 7,962 | 758 | 10.52% |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **NAICS**  **Code** | **NAICS Title** | **2018**  **Estimated Employment** | **2028**  **Projected Employment** | **Numeric Change** | **Percent Change** |
| *237000* | *Heavy and Civil Engineering Construction* | *8,016* | *8,800* | *784* | *9.78%* |
| 237100 | Utility System Construction | 4,418 | 4,954 | 536 | 12.13% |
| 237200 | Land Subdivision | 79 | 49 | -30 | -37.97% |
| 237300 | Highway, Street, and Bridge Construction | 2,834 | 3,157 | 323 | 11.40% |
| 237900 | Other Heavy and Civil Engineering Construction | 685 | 640 | -45 | -6.57% |
| *238000* | *Specialty Trade Contractors* | *32,062* | *36,027* | *3,965* | *12.37%* |
| 238100 | Foundation, Structure, and Building Exterior Contractors | 5,957 | 6,601 | 644 | 10.81% |
| 238200 | Building Equipment Contractors | 17,625 | 20,260 | 2,635 | 14.95% |
| 238300 | Building Finishing Contractors | 3,815 | 3,980 | 165 | 4.33% |
| 238900 | Other Specialty Trade Contractors | 4,665 | 5,186 | 521 | 11.17% |
|  |  |  |  |  |  |
| **101300** | **MANUFACTURING** | **160,857** | **164,875** | **4,018** | **2.50%** |
|  |  |  |  |  |  |
|  | **Non-Durable Goods Manufacturing** | **84,166** | **87,193** | **3,027** | **3.60%** |
| *311000* | *Food Manufacturing* | *48,454* | *50,783* | *2,329* | *4.81%* |
| 311100 | Animal Food Manufacturing | 1,975 | 2,270 | 295 | 14.94% |
| 311200 | Grain and Oilseed Milling | 2,680 | 2,791 | 111 | 4.14% |
| 311400 | Fruit and Vegetable Preserving and Specialty Food Manufacturing | 4,093 | 3,742 | -351 | -8.58% |
| 311600 | Animal Slaughtering and Processing | 32,905 | 34,322 | 1,417 | 4.31% |
| 311800 | Bakeries and Tortilla Manufacturing | 3,938 | 4,482 | 544 | 13.81% |
| 311900 | Other Food Manufacturing | 2,261 | 2,606 | 345 | 15.26% |
|  | Other | 602 | 570 | -32 | -5.59% |
| *312000* | *Beverage and Tobacco Product Manufacturing* | *1,497* | *1,671* | *174* | *11.62%* |
| *313000* | *Textile Mills* | *116* | *291* | *175* | *150.86%* |
| 313200 | Fabric Mills | 95 | 275 | 180 | 189.47% |
| 313300 | Textile and Fabric Finishing and Fabric | 21 | 16 | -5 | -23.81% |
| *314000* | *Textile Product Mills* | *963* | *903* | *-60* | *-6.23%* |
| 314100 | Textile Furnishings Mills | 24 | 22 | -2 | -8.33% |
| 314900 | Other Textile Product Mills | 939 | 881 | -58 | -6.18% |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **NAICS**  **Code** | **NAICS Title** | **2018**  **Estimated Employment** | **2028**  **Projected Employment** | **Numeric Change** | **Percent Change** |
| *315000* | *Apparel Manufacturing* | *866* | *952* | *86* | *9.93%* |
| 315100 | Apparel Knitting Mills | 567 | 399 | -168 | -29.63% |
|  | Other | 299 | 553 | 254 | 84.95% |
| *316000* | *Leather and Allied Product Manufacturing* | *1,097* | *952* | *-145* | *-13.22%* |
| 316200 | Footwear Manufacturing | 904 | 777 | -127 | -14.05% |
| 316900 | Other Leather and Allied Product Manufacturing | 193 | 175 | -18 | -9.33% |
| *322000* | *Paper Manufacturing* | *9,647* | *9,030* | *-617* | *-6.40%* |
| 322100 | Pulp, Paper, and Paperboard Mills | 3,881 | 3,559 | -322 | -8.30% |
| 322200 | Converted Paper Product Manufacturing | 5,766 | 5,471 | -295 | -5.12% |
| *323000* | *Printing and Related Support Activities* | *3,854* | *3,441* | *-413* | *-10.72%* |
| *324000* | *Petroleum and Coal Products Manufacturing* | *1,244* | *1,368* | *124* | *9.97%* |
| *325000* | *Chemical Manufacturing* | *5,498* | *5,981* | *483* | *8.79%* |
| *326000* | *Plastics and Rubber Products Manufacturing* | *10,930* | *11,821* | *891* | *8.15%* |
| 326100 | Plastics Product Manufacturing | 6,732 | 7,538 | 806 | 11.97% |
| 326200 | Rubber Product Manufacturing | 4,198 | 4,283 | 85 | 2.02% |
|  |  |  |  |  |  |
|  | **Durable Goods Manufacturing** | **76,691** | **77,682** | **991** | **1.29%** |
| *321000* | *Wood Product Manufacturing* | *9,920* | *9,730* | *-190* | *-1.92%* |
| 321100 | Sawmills and Wood Preservation | 4,817 | 4,999 | 182 | 3.78% |
| 321200 | Veneer, Plywood, and Engineered Wood Product Manufacturing | 1,800 | 1,696 | -104 | -5.78% |
| 321900 | Other Wood Product Manufacturing | 3,303 | 3,035 | -268 | -8.11% |
| *327000* | *Nonmetallic Mineral Product Manufacturing* | *3,649* | *3,195* | *-454* | *-12.44%* |
| *331000* | *Primary Metal Manufacturing* | *8,123* | *8,758* | *635* | *7.82%* |
| 331100 | Iron and Steel Mills and Ferroalloy Manufacturing | 3,222 | 4,138 | 916 | 28.43% |
| 331200 | Steel Product Manufacturing from Purchased Steel | 2,173 | 2,270 | 97 | 4.46% |
| 331300 | Alumina and Aluminum Production | 818 | 743 | -75 | -9.17% |
| 331400 | Nonferrous Metal (except Aluminum) Production and Processing | 320 | 277 | -43 | -13.44% |
| 331500 | Foundries | 1,590 | 1,330 | -260 | -16.35% |
| *332000* | *Fabricated Metal Product Manufacturing* | *15,048* | *16,067* | *1,019* | *6.77%* |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **NAICS**  **Code** | **NAICS Title** | **2018**  **Estimated Employment** | **2028**  **Projected Employment** | **Numeric Change** | **Percent Change** |
| *333000* | *Machinery Manufacturing* | *11,357* | *10,871* | *-486* | *-4.28%* |
| *334000* | *Computer and Electronic Product Manufacturing* | *2,098* | *2,022* | *-76* | *-3.62%* |
| 334400 | Semiconductor and Other Electronic Component Manufacturing | 1,487 | 1,508 | 21 | 1.41% |
| 334500 | Navigational, Measuring, Electromedical, and Control Instruments Manufacturing | 402 | 356 | -46 | -11.44% |
|  | Other | 209 | 158 | -51 | -24.40% |
| *335000* | *Electrical Equipment, Appliance, and Component Manufacturing* | *4,633* | *4,166* | *-467* | *-10.08%* |
| 335300 | Electrical Equipment Manufacturing | 2,999 | 2,660 | -339 | -11.30% |
| 335900 | Other Electrical Equipment and Component Manufacturing | 1,268 | 1,187 | -81 | -6.39% |
|  | Other | 366 | 319 | -47 | -12.84% |
| *336000* | *Transportation Equipment Manufacturing* | *14,832* | *16,054* | *1,222* | *8.24%* |
| 336200 | Motor Vehicle Body and Trailer Manufacturing | 2,147 | 2,599 | 452 | 21.05% |
| 336300 | Motor Vehicle Parts Manufacturing | 5,336 | 5,467 | 131 | 2.46% |
| 336400 | Aerospace Product and Parts Manufacturing | 3,832 | 3,664 | -168 | -4.38% |
| 336600 | Ship and Boat Building | 2,240 | 2,617 | 377 | 16.83% |
|  | Other | 1,277 | 1,707 | 430 | 33.67% |
| *337000* | *Furniture and Related Product Manufacturing* | *3,662* | *3,443* | *-219* | *-5.98%* |
| *339000* | *Miscellaneous Manufacturing* | *3,369* | *3,376* | *7* | *0.21%* |
| 339100 | Medical Equipment and Supplies Manufacturing | 1,637 | 1,698 | 61 | 3.73% |
| 339900 | Other Miscellaneous Manufacturing | 1,732 | 1,678 | -54 | -3.12% |
|  |  |  |  |  |  |
| 102000 | Services Providing | 1,044,781 | 1,145,762 | 100,981 | 9.67% |
|  |  |  |  |  |  |
| **102100** | **TRADE, TRANSPORTATION, AND UTILITIES** | **251,971** | **262,723** | **10,752** | **4.27%** |
|  |  |  |  |  |  |
| **420000** | **Wholesale Trade** | **47,075** | **49,194** | **2,119** | **4.50%** |
| *423000* | *Merchant Wholesalers, Durable Goods* | *23,605* | *25,264* | *1,659* | *7.03%* |
| *424000* | *Merchant Wholesalers, Nondurable Goods* | *18,030* | *18,234* | *204* | *1.13%* |
| *425000* | *Wholesale Electronic Markets and Agents and Brokers* | *5,440* | *5,696* | *256* | *4.71%* |
|  |  |  |  |  |  |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **NAICS**  **Code** | **NAICS Title** | **2018**  **Estimated Employment** | **2028**  **Projected Employment** | **Numeric Change** | **Percent Change** |
| **440000** | **Retail Trade** | **139,029** | **142,909** | **3,880** | **2.79%** |
| *441000* | *Motor Vehicle and Parts Dealers* | *19,201* | *20,467* | *1,266* | *6.59%* |
| 441100 | Automobile Dealers | 11,779 | 12,705 | 926 | 7.86% |
| 441200 | Other Motor Vehicle Dealers | 1,738 | 1,967 | 229 | 13.18% |
| 441300 | Automotive Parts, Accessories, and Tire Stores | 5,684 | 5,795 | 111 | 1.95% |
| *442000* | *Furniture and Home Furnishings Stores* | *3,595* | *3,573* | *-22* | *-0.61%* |
| 442100 | Furniture Stores | 1,959 | 1,830 | -129 | -6.58% |
| 442200 | Home Furnishings Stores | 1,636 | 1,743 | 107 | 6.54% |
| *443000* | *Electronics and Appliance Stores* | *3,462* | *3,184* | *-278* | *-8.03%* |
| *444000* | *Building Material and Garden Equipment and Supplies Dealers* | *11,928* | *12,411* | *483* | *4.05%* |
| 444100 | Building Material and Supplies Dealers | 9,930 | 10,261 | 331 | 3.33% |
| 444200 | Lawn and Garden Equipment and Supplies Stores | 1,998 | 2,150 | 152 | 7.61% |
| *445000* | *Food and Beverage Stores* | *19,350* | *19,045* | *-305* | *-1.58%* |
| *446000* | *Health and Personal Care Stores* | *8,706* | *9,099* | *393* | *4.51%* |
| *447000* | *Gasoline Stations* | *12,267* | *12,671* | *404* | *3.29%* |
| *448000* | *Clothing and Clothing Accessories Stores* | *8,100* | *7,662* | *-438* | *-5.41%* |
| 448100 | Clothing Stores | 6,178 | 5,917 | -261 | -4.22% |
| 448200 | Shoe Stores | 1,207 | 1,125 | -82 | -6.79% |
| 448300 | Jewelry, Luggage, and Leather Goods Stores | 715 | 620 | -95 | -13.29% |
| *451000* | *Sporting Goods, Hobby, Book, and Music Stores* | *4,489* | *4,929* | *440* | *9.80%* |
| 451100 | Sporting Goods, Hobby, and Musical Instrument Stores | 4,011 | 4,556 | 545 | 13.59% |
| 451200 | Book, Periodical, and Music Stores | 478 | 373 | -105 | -21.97% |
| *452000* | *General Merchandise Stores* | *39,134* | *40,603* | *1,469* | *3.75%* |
| *453000* | *Miscellaneous Store Retailers* | *7,018* | *7,498* | *480* | *6.84%* |
| *454000* | *Nonstore Retailers* | *1,779* | *1,767* | *-12* | *-0.67%* |
| 454100 | Electronic Shopping and Mail Order Houses | 650 | 785 | 135 | 20.77% |
| 454200 | Vending Machine Operators | 466 | 403 | -63 | -13.52% |
| 454300 | Direct Selling Establishments | 663 | 579 | -84 | -12.67% |
|  |  |  |  |  |  |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **NAICS**  **Code** | **NAICS Title** | **2018**  **Estimated Employment** | **2028**  **Projected Employment** | **Numeric Change** | **Percent Change** |
| **480000** | **Transportation and Warehousing** | **58,070** | **62,468** | **4,398** | **7.57%** |
| *481000* | *Air Transportation* | *750* | *790* | *40* | *5.33%* |
| 481100 | Scheduled Air Transportation | 657 | 707 | 50 | 7.61% |
| 481200 | Nonscheduled Air Transportation | 93 | 83 | -10 | -10.75% |
| *483000* | *Water Transportation* | *28* | *24* | *-4* | *-14.29%* |
| *484000* | *Truck Transportation* | *32,419* | *34,314* | *1,895* | *5.85%* |
| *485000* | *Transit and Ground Passenger Transportation* | *2,141* | *2,584* | *443* | *20.69%* |
| 485100 | Urban Transit Systems | 204 | 157 | -47 | -23.04% |
| 485200 | Interurban and Rural Bus Transportation | 15 | 14 | -1 | -6.67% |
| 485300 | Taxi and Limousine Service | 387 | 440 | 53 | 13.70% |
| 485400 | School and Employee Bus Transportation | 372 | 382 | 10 | 2.69% |
| 485500 | Charter Bus Industry | 98 | 99 | 1 | 1.02% |
| 485900 | Other Transit and Ground Passenger Transportation | 1,065 | 1,492 | 427 | 40.09% |
| *486000* | *Pipeline Transportation* | *412* | *363* | *-49* | *-11.89%* |
| 486100 | Pipeline Transportation of Crude Oil | 121 | 105 | -16 | -13.22% |
| 486200 | Pipeline Transportation of Natural Gas | 201 | 181 | -20 | -9.95% |
| 486900 | Other Pipeline Transportation | 90 | 77 | -13 | -14.44% |
| *487000* | *Scenic and Sightseeing Transportation* | *30* | *25* | *-5* | *-16.67%* |
| *488000* | *Support Activities for Transportation* | *5,376* | *6,289* | *913* | *16.98%* |
| 488100 | Support Activities for Air Transportation | 1,041 | 1,151 | 110 | 10.57% |
| 488200 | Support Activities for Rail Transportation | 797 | 1,024 | 227 | 28.48% |
| 488300 | Support Activities for Water Transportation | 426 | 389 | -37 | -8.69% |
| 488400 | Support Activities for Road Transportation | 794 | 965 | 171 | 21.54% |
| 488500 | Freight Transportation Arrangement | 2,192 | 2,607 | 415 | 18.93% |
| 488900 | Other Support Activities for Transportation | 126 | 153 | 27 | 21.43% |
| *493000* | *Warehousing and Storage* | *8,446* | *9,526* | *1,080* | *12.79%* |
|  | OTHER | 8,468 | 8,553 | 85 | 1.00% |
|  |  |  |  |  |  |
| **220000** | **Utilities** | **7,797** | **8,152** | **355** | **4.55%** |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **NAICS**  **Code** | **NAICS Title** | **2018**  **Estimated Employment** | **2028**  **Projected Employment** | **Numeric Change** | **Percent Change** |
| 221100 | Electric Power Generation, Transmission and Distribution | 5,811 | 6,111 | 300 | 5.16% |
| 221200 | Natural Gas Distribution | 1,042 | 972 | -70 | -6.72% |
| 221300 | Water, Sewage and Other Systems | 944 | 1,069 | 125 | 13.24% |
|  |  |  |  |  |  |
| **102200** | **INFORMATION** | **11,223** | **10,558** | **-665** | **-5.93%** |
|  |  |  |  |  |  |
| *511000* | *Publishing Industries (except Internet)* | *3,085* | *2,922* | *-163* | *-5.28%* |
| 511100 | Newspaper, Periodical, Book, and Directory Publishers | 2,679 | 2,407 | -272 | -10.15% |
| 511200 | Software Publishers | 406 | 515 | 109 | 26.85% |
| *512000* | *Motion Picture and Sound Recording Industries* | *1,328* | *1,398* | *70* | *5.27%* |
| 512100 | Motion Picture and Video Industries | 1,314 | 1,386 | 72 | 5.48% |
| 512200 | Sound Recording Industries | 14 | 12 | -2 | -14.29% |
| *515000* | *Broadcasting (except Internet)* | *1,572* | *1,436* | *-136* | *-8.65%* |
| 515100 | Radio and Television Broadcasting | 1,555 | 1,426 | -129 | -8.30% |
| 515200 | Cable and Other Subscription Programming | 17 | 10 | -7 | -41.18% |
| *517000* | *Telecommunications* | *3,482* | *2,728* | *-754* | *-21.65%* |
| *518000* | *Data Processing, Hosting and Related Services* | *1,415* | *1,708* | *293* | *20.71%* |
| *519000* | *Other Information Services* | *341* | *366* | *25* | *7.33%* |
|  |  |  |  |  |  |
| **102300** | **FINANCIAL ACTIVITIES** | **60,974** | **66,932** | **5,958** | **9.77%** |
|  |  |  |  |  |  |
| **520000** | **Finance and Insurance** | **47,368** | **52,308** | **4,940** | **10.43%** |
| *522000* | *Credit Intermediation and Related Activities* | *19,262* | *19,884* | *622* | *3.23%* |
| *523000* | *Securities, Commodity Contracts, and Other Financial Investments and Related Activities* | *3,076* | *3,282* | *206* | *6.70%* |
| *524000* | *Insurance Carriers and Related Activities* | *24,958* | *29,061* | *4,103* | *16.44%* |
| 524100 | Insurance Carriers | 16,806 | 20,438 | 3,632 | 21.61% |
| 524200 | Agencies, Brokerages, and Other Insurance Related Activities | 8,152 | 8,623 | 471 | 5.78% |
|  | OTHER | 72 | 81 | 9 | 12.50% |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **NAICS**  **Code** | **NAICS Title** | **2018**  **Estimated Employment** | **2028**  **Projected Employment** | **Numeric Change** | **Percent Change** |
|  |  |  |  |  |  |
| **530000** | **Real Estate and Rental and Leasing** | **13,606** | **14,624** | **1,018** | **7.48%** |
| *531000* | *Real Estate* | *9,490* | *10,476* | *986* | *10.39%* |
| *532000* | *Rental and Leasing Services* | *4,075* | *4,112* | *37* | *0.91%* |
| *533000* | *Lessors of Nonfinancial Intangible Assets (except Copyrighted Works)* | *41* | *36* | *-5* | *-12.20%* |
|  |  |  |  |  |  |
| **102400** | **PROFESSIONAL AND BUSINESS SERVICES** | **146,599** | **165,514** | **18,915** | **12.90%** |
|  |  |  |  |  |  |
| **540000** | **Professional, Scientific, and Technical Services** | **43,845** | **48,959** | **5,114** | **11.66%** |
| 541100 | Legal Services | 5,996 | 6,058 | 62 | 1.03% |
| 541200 | Accounting, Tax Preparation, Bookkeeping, and Payroll Services | 6,048 | 6,506 | 458 | 7.57% |
| 541300 | Architectural, Engineering, and Related Services | 6,330 | 6,699 | 369 | 5.83% |
| 541400 | Specialized Design Services | 326 | 354 | 28 | 8.59% |
| 541500 | Computer Systems Design and Related Services | 9,594 | 11,493 | 1,899 | 19.79% |
| 541600 | Management, Scientific, and Technical Consulting Services | 6,653 | 8,110 | 1,457 | 21.90% |
| 541700 | Scientific Research and Development Services | 762 | 807 | 45 | 5.91% |
| 541800 | Advertising, Public Relations, and Related Services | 3,955 | 4,325 | 370 | 9.36% |
| 541900 | Other Professional, Scientific, and Technical Services | 4,181 | 4,607 | 426 | 10.19% |
|  |  |  |  |  |  |
| **550000** | **Management of Companies and Enterprises** | **34,782** | **40,395** | **5,613** | **16.14%** |
|  |  |  |  |  |  |
| **560000** | **Administrative and Support and Waste Management and Remediation Services** | **67,972** | **76,160** | **8,188** | **12.05%** |
| *561000* | *Administrative and Support Services* | *64,529* | *72,024* | *7,495* | *11.61%* |
| 561100 | Office Administrative Services | 3,972 | 4,640 | 668 | 16.82% |
| 561200 | Facilities Support Services | 1,420 | 1,680 | 260 | 18.31% |
| 561300 | Employment Services | 29,158 | 32,507 | 3,349 | 11.49% |
| 561400 | Business Support Services | 8,225 | 9,348 | 1,123 | 13.65% |
| 561500 | Travel Arrangement and Reservation Services | 368 | 279 | -89 | -24.18% |
| 561600 | Investigation and Security Services | 4,982 | 5,477 | 495 | 9.94% |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **NAICS**  **Code** | **NAICS Title** | **2018**  **Estimated Employment** | **2028**  **Projected Employment** | **Numeric Change** | **Percent Change** |
| 561700 | Services to Buildings and Dwellings | 15,148 | 16,893 | 1,745 | 11.52% |
| 561900 | Other Support Services | 1,256 | 1,200 | -56 | -4.46% |
| *562000* | *Waste Management and Remediation Service* | *3,443* | *4,136* | *693* | *20.13%* |
| 562100 | Waste Collection | 1,279 | 1,588 | 309 | 24.16% |
| 562200 | Waste Treatment and Disposal | 1,017 | 1,118 | 101 | 9.93% |
| 562900 | Remediation and Other Waste Management Services | 1,147 | 1,430 | 283 | 24.67% |
|  |  |  |  |  |  |
| **102500** | **Education and Health Services** | **299,081** | **335,553** | **36,472** | **12.19%** |
|  |  |  |  |  |  |
| **610000** | **Educational Services** | **108,629** | **113,795** | **5,166** | **4.76%** |
| 611100 | Elementary and Secondary Schools | 71,932 | 75,173 | 3,241 | 4.51% |
| 611200 | Junior Colleges | 6,778 | 7,163 | 385 | 5.68% |
| 611300 | Colleges, Universities, and Professional Schools | 26,321 | 27,628 | 1,307 | 4.97% |
| 611400 | Business Schools and Computer and Management Training | 130 | 133 | 3 | 2.31% |
| 611500 | Technical and Trade Schools | 1,074 | 1,125 | 51 | 4.75% |
| 611600 | Other Schools and Instruction | 1,825 | 1,942 | 117 | 6.41% |
| 611700 | Educational Support Services | 569 | 631 | 62 | 10.90% |
|  |  |  |  |  |  |
| **620000** | **Health Care and Social Assistance** | **190,452** | **221,758** | **31,306** | **16.44%** |
| *621000* | *Ambulatory Health Care Services* | *58,218* | *71,533* | *13,315* | *22.87%* |
| 621100 | Offices of Physicians | 25,312 | 30,038 | 4,726 | 18.67% |
| 621200 | Offices of Dentists | 7,371 | 8,404 | 1,033 | 14.01% |
| 621300 | Offices of Other Health Practitioners | 9,283 | 11,967 | 2,684 | 28.91% |
| 621400 | Outpatient Care Centers | 5,247 | 6,668 | 1,421 | 27.08% |
| 621500 | Medical and Diagnostic Laboratories | 1,356 | 1,799 | 443 | 32.67% |
| 621600 | Home Health Care Services | 6,948 | 9,391 | 2,443 | 35.16% |
| 621900 | Other Ambulatory Health Care Services | 2,701 | 3,266 | 565 | 20.92% |
| *622000* | *Hospitals* | *59,678* | *63,916* | *4,238* | *7.10%* |
| 622100 | General Medical and Surgical Hospitals | 52,392 | 55,953 | 3,561 | 6.80% |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **NAICS**  **Code** | **NAICS Title** | **2018**  **Estimated Employment** | **2028**  **Projected Employment** | **Numeric Change** | **Percent Change** |
| 622200 | Psychiatric and Substance Abuse Hospitals | 3,557 | 3,817 | 260 | 7.31% |
| 622300 | Specialty (except Psychiatric and Substance Abuse) Hospitals | 3,729 | 4,146 | 417 | 11.18% |
| *623000* | *Nursing and Residential Care Facilities* | *32,404* | *36,871* | *4,467* | *13.79%* |
| 623100 | Nursing Care Facilities (Skilled Nursing Facilities) | 22,865 | 25,061 | 2,196 | 9.60% |
| 623200 | Residential Intellectual & Developmental Disability, Mental Health, & Substance Abuse Facilities | 4,413 | 5,304 | 891 | 20.19% |
| 623300 | Continuing Care Retirement Communities and Assisted Living Facilities for the Elderly | 4,319 | 5,713 | 1,394 | 32.28% |
| 623900 | Other Residential Care Facilities | 807 | 793 | -14 | -1.73% |
| *624000* | *Social Assistance* | *40,152* | *49,438* | *9,286* | *23.13%* |
| 624100 | Individual and Family Services | 25,261 | 32,369 | 7,108 | 28.14% |
| 624200 | Community Food and Housing, and Emergency and Other Relief Services | 1,384 | 1,602 | 218 | 15.75% |
| 624300 | Vocational Rehabilitation Services | 3,271 | 3,556 | 285 | 8.71% |
| 624400 | Child Day Care Services | 10,236 | 11,911 | 1,675 | 16.36% |
|  |  |  |  |  |  |
| **102600** | **LEISURE AND HOSPITALITY** | **118,424** | **134,339** | **15,915** | **13.44%** |
|  |  |  |  |  |  |
| **710000** | **Arts, Entertainment, and Recreation** | **11,426** | **12,626** | **1,200** | **10.50%** |
| *711000* | *Performing Arts, Spectator Sports, and Related Industries* | *2,908* | *3,061* | *153* | *5.26%* |
| 711100 | Performing Arts Companies | 452 | 422 | -30 | -6.64% |
| 711200 | Spectator Sports | 1,456 | 1,498 | 42 | 2.88% |
| 711300 | Promoters of Performing Arts, Sports, and Similar Events | 902 | 1,057 | 155 | 17.18% |
| 711400 | Agents and Managers for Artists, Athletes, Entertainers, and Other Public Figures | 31 | 27 | -4 | -12.90% |
| 711500 | Independent Artists, Writers, and Performers | 67 | 57 | -10 | -14.93% |
| *712000* | *Museums, Historical Sites, and Similar Institution* | *722* | *814* | *92* | *12.74%* |
| *713000* | *Amusement, Gambling, and Recreation Industries* | *7,796* | *8,751* | *955* | *12.25%* |
| 713900 | Other Amusement and Recreation Industries | 7,294 | 7,729 | 435 | 5.96% |
|  | Other | 502 | 1022 | 520 | 103.59% |
|  |  |  |  |  |  |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **NAICS**  **Code** | **NAICS Title** | **2018**  **Estimated Employment** | **2028**  **Projected Employment** | **Numeric Change** | **Percent Change** |
| **720000** | **Accommodation and Food Services** | **106,998** | **121,713** | **14,715** | **13.75%** |
| *721000* | *Accommodation, including Hotels and Motels* | *11,318* | *11,756* | *438* | *3.87%* |
| 721100 | Traveler Accommodation | 10,740 | 11,147 | 407 | 3.79% |
| 721200 | RV (Recreational Vehicle) Parks and Recreational Camps | 477 | 499 | 22 | 4.61% |
| 721300 | Rooming and Boarding Houses | 101 | 110 | 9 | 8.91% |
| *722000* | *Food Services and Drinking Places* | *95,680* | *109,957* | *14,277* | *14.92%* |
| 722300 | Special Food Services | 4,627 | 5,442 | 815 | 17.61% |
| 722400 | Drinking Places (Alcoholic Beverages) | 1,042 | 1,117 | 75 | 7.20% |
| 722500 | Restaurants and Other Eating Places | 90,011 | 103,398 | 13,387 | 14.87% |
|  |  |  |  |  |  |
| **102700** | **OTHER SERVICES (EXCEPT GOVERNMENT)** | **60,130** | **67,209** | **7,079** | **11.77%** |
|  |  |  |  |  |  |
| **810000** | **Other Services (except Government)** | **60,130** | **67,209** | **7,079** | **11.77%** |
| *811000* | *Repair and Maintenance* | *10,847* | *11,885* | *1,038* | *9.57%* |
| 811100 | Automotive Repair and Maintenance | 6,686 | 7,308 | 622 | 9.30% |
| 811200 | Electronic and Precision Equipment Repair and Maintenance | 962 | 1,056 | 94 | 9.77% |
| 811300 | Commercial and Industrial Machinery and Equipment (except Automotive and Electronic) Repair and Maintenance | 2,580 | 2,990 | 410 | 15.89% |
| 811400 | Personal and Household Goods Repair and Maintenance | 619 | 531 | -88 | -14.22% |
| *812000* | *Personal and Laundry Services* | *7,744* | *7,658* | *-86* | *-1.11%* |
| 812100 | Personal Care Services | 2,852 | 2,853 | 1 | 0.04% |
| 812200 | Death Care Services | 1,578 | 1,562 | -16 | -1.01% |
| 812300 | Drycleaning and Laundry Services | 2,278 | 2,166 | -112 | -4.92% |
| 812900 | Other Personal Services | 1,036 | 1,077 | 41 | 3.96% |
| *813000* | *Religious, Grantmaking, Civic, Professional, and Similar Organizations* | *36,983* | *43,006* | *6,023* | *16.29%* |
| 813100 | Religious Organizations | 25,120 | 28,148 | 3,028 | 12.05% |
| 813200 | Grantmaking and Giving Services | 3,097 | 4,759 | 1,662 | 53.66% |
| 813300 | Social Advocacy Organizations | 4,702 | 5,926 | 1,224 | 26.03% |
| 813400 | Civic and Social Organizations | 1,245 | 1,228 | -17 | -1.37% |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **NAICS**  **Code** | **NAICS Title** | **2018**  **Estimated Employment** | **2028**  **Projected Employment** | **Numeric Change** | **Percent Change** |
| 813900 | Business, Professional, Labor, Political, and Similar Organizations | 2,819 | 2,945 | 126 | 4.47% |
| *814000* | *Private Households* | *4,556* | *4,660* | *104* | *2.28%* |
|  |  |  |  |  |  |
| **102800** | **GOVERNMENT** | **96,379** | **102,934** | **6,555** | **6.80%** |
|  |  |  |  |  |  |
| *910000* | *Total Federal Government Employment* | *20,359* | *20,085* | *-274* | *-1.35%* |
| 491100 | Postal Service | 5,560 | 5,246 | -314 | -5.65% |
| 999100 | Federal Government, Excluding Post Office | 14,799 | 14,839 | 40 | 0.27% |
| 999200 | State Government, Excluding Education and Hospitals | 34,280 | 36,787 | 2,507 | 7.31% |
| 999300 | Local Government, Excluding Education and Hospitals | 41,740 | 46,062 | 4,322 | 10.35% |

**Explanation of Long-Term Occupational Projections Data Arkansas-Statewide**

**2018-2028**

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Standard Occupational Classification (SOC)** | | **Employment** | | **Change** | | **Annual Openings** | | | | **Education/ Training Codes** |
| **Code** | **Title** | **2018**  **Estimated** | **2028**  **Projected** | **Numeric** | **Percent** | **Exits** | **Transfers** | **Change** | **Total** |
| The occupational code based on the Standard Occupational Classification (SOC)  Coding and Title Structure | The occupational title based on the Standard Occupational Classification (SOC) Coding and Title Structure | An estimate of the number of jobs in an occupation in 2018 | The projected number of jobs expected to be in an occupation in 2028 | Total number of jobs an occupation is expected to gain or lose over the 2018  to 2028 period | Percent change in the number of jobs in an occupation over the 2018 to  2028  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 81 for definitions. |

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Standard Occupational Classification (SOC)** | | **Employment** | | **Change** | | **Annual Separations** | | **Annual Openings** | |
| **Code** | **Title** | **2018**  **Estimated Employment** | **2028**  **Projected Employment** | **Numeric** | **Percent** | **Exits** | **Transfers** | **Change** | **Total** |
| **00-0000** | **Total, All Occupations** | **1,408,747** | **1,527,428** | **118,681** | **8.42%** | **64,780** | **102,234** | **11,868** | **178,882** |
| **11-0000** | **Management Occupations** | **129,733** | **138,626** | **8,893** | **6.85%** | **5,252** | **6,674** | **889** | **12,815** |
| **13-0000** | **Business and Financial Operations Occupations** | **56,847** | **64,472** | **7,625** | **13.41%** | **1,684** | **4,073** | **762** | **6,519** |
| **15-0000** | **Computer and Mathematical Occupations** | **24,488** | **28,339** | **3,851** | **15.73%** | **443** | **1,499** | **385** | **2,327** |
| **17-0000** | **Architecture and Engineering Occupations** | **13,206** | **14,304** | **1,098** | **8.31%** | **330** | **759** | **110** | **1,199** |
| **19-0000** | **Life, Physical, and Social Science Occupations** | **7,051** | **7,725** | **674** | **9.56%** | **154** | **598** | **67** | **819** |
| **21-0000** | **Community and Social Service Occupations** | **29,726** | **34,124** | **4,398** | **14.80%** | **1,239** | **2,198** | **440** | **3,877** |
| **23-0000** | **Legal Occupations** | **7,765** | **8,620** | **855** | **11.01%** | **212** | **341** | **86** | **639** |
| **25-0000** | **Education, Training, and Library Occupations** | **76,064** | **81,929** | **5,865** | **7.71%** | **3,070** | **3,747** | **586** | **7,403** |
| **27-0000** | **Arts, Design, Entertainment, Sports, and Media Occupations** | **15,884** | **16,838** | **954** | **6.01%** | **665** | **1,150** | **95** | **1,910** |
| **29-0000** | **Healthcare Practitioners and Technical Occupations** | **84,337** | **95,530** | **11,193** | **13.27%** | **2,387** | **2,830** | **1,119** | **6,336** |
| **31-0000** | **Healthcare Support Occupations** | **37,232** | **43,612** | **6,380** | **17.14%** | **2,050** | **2,556** | **638** | **5,244** |
| **33-0000** | **Protective Service Occupations** | **28,701** | **30,969** | **2,268** | **7.90%** | **1,146** | **1,698** | **227** | **3,071** |
| **35-0000** | **Food Preparation and Serving Related Occupations** | **110,039** | **125,858** | **15,819** | **14.38%** | **8,053** | **12,004** | **1,582** | **21,639** |
| **37-0000** | **Building and Grounds Cleaning and Maintenance Occupations** | **47,014** | **51,452** | **4,438** | **9.44%** | **2,767** | **3,621** | **444** | **6,832** |
| **39-0000** | **Personal Care and Service Occupations** | **48,999** | **58,641** | **9,642** | **19.68%** | **3,832** | **4,078** | **964** | **8,874** |
| **41-0000** | **Sales and Related Occupations** | **146,592** | **154,196** | **7,604** | **5.19%** | **8,023** | **12,460** | **760** | **21,243** |
| **43-0000** | **Office and Administrative Support Occupations** | **180,742** | **184,668** | **3,926** | **2.17%** | **8,912** | **12,542** | **393** | **21,847** |
| **45-0000** | **Farming, Fishing, and Forestry Occupations** | **17,544** | **17,828** | **284** | **1.62%** | **699** | **2,132** | **28** | **2,859** |
| **47-0000** | **Construction and Extraction Occupations** | **52,141** | **57,820** | **5,679** | **10.89%** | **1,791** | **4,351** | **568** | **6,710** |
| **49-0000** | **Installation, Maintenance, and Repair Occupations** | **60,700** | **65,810** | **5,110** | **8.42%** | **1,969** | **4,184** | **511** | **6,664** |
| **51-0000** | **Production Occupations** | **121,842** | **125,536** | **3,694** | **3.03%** | **4,897** | **9,671** | **369** | **14,937** |
| **53-0000** | **Transportation and Material Moving Occupations** | **112,100** | **120,531** | **8,431** | **7.52%** | **5,206** | **9,069** | **843** | **15,118** |

**Occupational Outlook**

Arkansas occupations are projected to gain 118,681 jobs, or 8.42 percent, by 2028. A total of 178,882 total annual openings are expected each year of the projection period. Of these, 64,780 would be due to employees leaving the workforce, while 102,234 would be due to those changing jobs. Growth and expansion accounts for 11,868 annual job openings. All major groups should see positive net growth over the 10-year projection period.

The **Management Occupations** major group is expected to gain 8,893 jobs during the projection period, with 12,815 total annual job openings. Of these, 5,252 are expected to come from employees leaving the workforce, 6,674 from those changing jobs, and 889 from growth and expansion. The *Other Management Occupations* occupational family is estimated to account for 3,827 new jobs.

General and Operations Managers is forecast to be the top growing occupation in the major group and eighth overall, adding 2,223 new jobs. Financial Managers is slated to increase employment by 21.81 percent. Farmers, Ranchers, and Other Agricultural Managers is expected to lose 41 jobs during the projection period.

The **Business and Financial Operations Occupations** major group is projected to gain 7,625 jobs by 2028. The group should see 6,519 annual job openings, with 1,684 due to those exiting the workforce, 4,073 from those changing jobs, and 762 due to growth and expansion. The *Business Operations Specialists* occupational family is expected to dominate growth in the major group, increasing employment by 5,426 jobs, more than 71 percent of the overall growth.

Management Analysts leads all occupations in the major group, with 1,463 new jobs, or 21.33 percent growth, placing on the Top 20 Growing Industries list. Fundraisers is slated to raise employment by 41.19 percent, becoming the fastest growing occupation in the state for the 2018 to 2028 period. On the negative side of the labor market, Buyers and Purchasing Agents is forecasted to lose 45 jobs, or 1.30 percent of its workforce. Market Research Analysts and Marketing Specialists is expected add 1,320 new jobs, while Accountants and Auditors is estimated to add 1,109 and have 982 annual job openings, the most in the **Business and Financial Occupations** major group.

The **Computer and Mathematical Occupations** major group is expected to add 3,851 jobs during the projection period, or 15.73 percent. Total Annual Openings could see 2,327 jobs with 443 annual openings due to workforce exits and 1,499 due to changing jobs. Another 385 openings are estimated for growth and expansion.

The *Computer Occupations* minor group should see most of this growth, with 3,496 jobs expected over the 10-year period. Software Developers, Applications is anticipating the highest gain with 1,158 new jobs on the horizon, while Information Security Analysts is anticipating a growth of 37.32 percent, placing fourth statewide in percent change. *Mathematical Science Occupations* is slated to experience a net gain of 355 jobs, with Operations Research Analysts and Statisticians each among

the ten fastest growing occupations in the state, with gains of 30.33 and 34.84 percent, respectively. Computer Programmers is forecasted to lose 3.72 percent of its workforce, or 75 jobs, between 2018 and 2028.

The **Architecture and Engineering Occupations** major group could add 1,098 jobs by 2028. The group is expected to have 1,199 total annual openings, with 330 annual openings due to employees leaving the workforce, 759 from employees changing jobs, and 110 from growth and expansion. The *Engineers* minor group leads the group in numeric change, expecting to add 712 jobs during the projection period, nearly 65 percent of the major group’s overall growth. In this minor group, Industrial Engineers could add 255 jobs, or a 13.86 percent growth by 2028, becoming the top growing occupation in the major group. Cartographers and Photogrammetrists is set to be the fastest growing, with an anticipated gain of 21.98 percent. On the negative side, Petroleum Engineers is slated to cut 5.10 percent of its workforce.

The **Life, Physical, and Social Science Occupations** major group is predicted to gain 674 new jobs through the 2018-2028 projection period, or 9.56 percent. Annual openings due to those leaving the workforce would amount to 154, while those changing jobs estimated to account for 598 openings. Growth and expansion could account for an additional 67 openings, bringing total annual openings to 819. The *Life, Physical, and Social Science Technicians* minor group is expected to gain 254 jobs. Clinical, Counseling, and School Psychologists is expected to lead the major group in numeric change, adding 162 new jobs to its workforce, while Forensic Science Technicians could be the fastest growing occupation, raising employment by

20.50 percent.

The **Community and Social Services Occupations** major group is estimated to gain 4,398 new jobs during the projection period. The group could see 3,877 total annual openings, with 1,239 due to workforce exits, and 2,198 due to employees changing jobs. Another 440 annual openings would be due to growth and expansion. Clergy is slated to add 1,786 jobs to its workforce. Community Health Workers is anticipated to be the fastest growing occupation among occupations, with at least 50 current employees in the major group, with a 21.08 percent gain. Marriage and Family Therapists is slated to increase by 29.79 percent, and be the fastest growing occupation in the major group, placing it among the Top 20 Fastest Growing Occupations list. Clergy, of the *Religious Workers* minor group, is forecast to experience the most openings with 1,589 annually during the 2018-2028 period.

The **Legal Occupations** major group is projected to add 855 jobs by 2028. Of the 639 annual openings, 212 should be due to employees exiting the workforce, while 341 would be for employees changing jobs. Growth and expansion could lead to 86 annual job openings. The *Lawyers, Judges, and Related Workers* minor group

leads the group with 492 new jobs anticipated, with Lawyers accounting for 420 of those new jobs. The *Legal Support Workers* minor group also expects strong growth, with 363 jobs projected to be added. Paralegals and Legal Assistants leads this minor group with 303 jobs expected.

The **Education, Training, and Library Occupations** major group is expected to gain 5,865 jobs during the projection period. The group could see 7,403 total annual openings with annual openings due to occupational exits and occupational transfers accounting for 3,070 and 3,747 jobs, respectively. Growth and expansion are expected to account for 586 annual job openings. *Postsecondary Teachers* is expected to add 1,466 jobs, while the *Preschool, Primary, Secondary, and Special Education School Teachers* minor group is predicted to increase by 2,675 jobs.

Teacher Assistants is anticipated to lead all jobs in the major group adding 980 new jobs between 2018 and 2028, while Health Specialties Teachers, Postsecondary is slated to be the fastest growing occupation, increasing its workforce by 23.62 percent. On the negative side of the job market, Adult Basic and Secondary Education and Literacy Teachers and Instructors could see a loss of 22 jobs, or 5.50 percent of its workforce.

The **Arts, Design, Entertainment, Sports, and Media Occupations** major group is projected to add 954 jobs by 2028. Of the 1,910 total annual openings, 665 of them could come from employees leaving the workforce, 1,150 from those changing jobs, and 95 from growth and expansion. The *Entertainers and Performers, Sports and Related Workers* minor group leads the group with 379 job openings projected. Public Relations Specialists is predicted to be the top and fastest growing occupation in the major group, adding 247 jobs, or a 16.85 percent gain. In all, four occupations are estimated to increase by more than 130 new jobs. On the downside of the economy, Floral Designers is slated to lose 57 jobs between 2018 and 2028, or 12.95 percent of its workforce, the fastest occupation in the major group, and included in the Top 20 Fastest Declining Occupations list.

The **Healthcare Practitioners and Technical Occupations** major group is estimated to add 11,193 jobs by the end of the projection period, the second highest gain in the state. This group could see 6,336 annual job openings, with 2,387 due to employees leaving the workforce, 2,830 due to employees changing jobs, and 1,119 due to growth and expansion. The *Health Diagnosing and Treating Practitioners* occupational family anticipates 7,433 jobs. Driving growth is Registered Nurses, which is predicted to see continued growth with 3,550 jobs expected, placing third on the Top 20 Growing Industries list. Licensed Practical and Licensed Vocational Nurses is also predicted to have strong growth, adding 1,333 jobs. Speech-Language Pathologists is forecasted to be the fastest growing occupation in the major group, and third fastest statewide, increasing its workforce by 37.54 percent between 2018 and 2028. One downside in this major group is Respiratory Therapy Technicians, expected to lose 184 jobs, or more than half of its workforce during the 10-year projection period.

**Healthcare Support Occupations** is projected to add 6,380 jobs by 2028 and be the second fastest growing major group, growing by 17.14 percent. The group could see 5,244 total annual openings, with 2,050 of the jobs due to employees leaving the workforce, 2,556 from employees changing jobs, and 638 from growth and expansion. Nursing Assistants is projected to be the top growing occupation in **Healthcare Support,** adding 2,417 jobs, an increase of 12.85 percent, placing among the ten highest growing occupations in the state. Home Health Aides could also experience strong growth, increasing its workforce by 1,408 jobs, or 27.32 percent, placing the occupation on the Top 20 Fastest Growing Occupations list.

Occupational Therapy Assistants leads the major group in percent change with a

38.98 percent growth, the second fastest growing occupation in the state. In all, five occupations in the **Healthcare Support Occupations** major group are included in the Top 20 Fastest Growing Occupations list. One downside is Medical Transcriptionists, estimated to lose 48 jobs, or 10.41 percent of its workforce.

The **Protective Service Occupations** major group is expected to add 2,268 jobs over the projection period, with 3,071 total annual openings. Of these, 1,146 would be from employees leaving the workforce, and 1,698 coming from those changing jobs. Another 227 are estimated to be from growth and expansion. The *Law Enforcement Workers* minor group leads the group with 832 new jobs anticipated. Within this group, Police and Sheriff's Patrol Officers is estimated to be the top growing occupation, adding 786 new jobs, while Correctional Officers and Jailers could have the opposite effect, losing 18 jobs between 2018 and 2028. Forest Fire Inspectors and Prevention Specialists could be the fastest growing occupation in the major group, increasing employment, by 30.28 percent.

**Food Preparation and Serving Related Occupations** is estimated to add 15,819 jobs during the projection period, making it the top growing major group. Of the 21,639 annual job openings, 8,053 should be due to employees leaving the workforce, while 12,004 could come from employees changing jobs. Another 1,582 are related to growth and expansion. The *Food and Beverage Serving Workers* minor group leads the group with 9,569 jobs expected, with Combined Food Preparation and Serving Workers, Including Fast Food adding 7,508 to become the top growing occupation in the state. In all, four occupations make the Top 20 Growing Occupations list. Combined Food Preparation and Serving Workers, Including Fast Food also leads the state in the number of job separations, with the most annual exits and the most job transfers. Cooks, Restaurant is slated to be the fastest growing occupation in the major group, increasing employment by 24.76 percent. Cooks, Fast Food on the other hand, could lose 195 jobs between 2018 and 2028, a 4.71 percent decline, making the top 10 of the Top 20 Declining Occupations list.

The **Building and Grounds Cleaning and Maintenance Occupations** major group is projected to add 4,438 jobs by 2028. The group should have 6,832 total annual openings with 2,767 jobs due to employees exiting the workforce, 3,621 due

to employees changing jobs, and 444 due to growth and expansion. The *Building Cleaning and Pest Control Workers* minor group is expected to add 2,769 jobs, with Janitors and Cleaners, Except Maids and Housekeeping Cleaners estimated to add 1,872 of those jobs, placing it on the Top 20 Growing Occupations list. Tree Trimmers and Pruners is forecasted to raise employment levels by 12.84 percent, becoming the fastest growing occupation in the major group.

The **Personal Care and Service Occupations** major group is expected to gain 9,642 jobs over the projection period. Of the 8,874 total annual openings, 3,832 should be due to employees leaving the workforce, while 4,078 would be due to those changing jobs. Another 964 jobs could come from growth and expansion. At

19.68 percent, **Personal Care and Service Occupations** would be the fastest among major occupational groups. The *Other Personal Care and Service Workers* minor group leads the major group, with 8,162 new jobs expected, 84.65 percent of the total growth in **Personal Care and Service Occupations**. Personal Care Aides is predicted to add 6,335 jobs to its workforce and 3,684 total job openings expected annually. It is predicted to be second in the state in numeric change and among the ten fastest growing at a rate of 33.86 percent. Childcare Workers is also anticipating strong growth, with 1,267 new jobs.

The **Sales and Related Occupations** major group is projected to gain 7,604 jobs by the end of 2028. The group is estimated to make available 21,243 jobs annually, with 8,023 from employees leaving the workforce, 12,460 related to job change, and 760 due to growth and expansion. The *Sales Representatives, Services* is slated to grow by 3,441 jobs. Driving this growth is Insurance Sales Agents, with an anticipated increase of 2,927 jobs, the fourth highest in the state. Retail Salespersons could also experience strong growth, with 1,998 new jobs between 2018 and 2028. A few downsides in the **Sales and Related Occupations** major group are Telemarketers, which could lose 255 jobs during the projection period, becoming one of the ten highest declining occupations in the state. Travel Agents could also see a downturn, losing 17.55 percent of its workforce, the tenth fastest in the state.

The **Office and Administrative Support Occupations** major group is expected to gain 3,926 jobs over the projection period, but heavily mixed with some occupational families experiencing gains, while others are expecting job losses.

Annual openings for this group are estimated to be 21,847, the highest among occupational major groups. Of these, 8,912 are estimated to come from occupational exits, while 12,542 could come from occupational transfers. Another 393 are forecast to come from growth and expansion. The *Information and Record Clerks* minor group should see the most growth, with 2,402 jobs added, while *Material Recording, Scheduling, Dispatching, and Distributing Workers* could increase by 1,615. Receptionists and Information Clerks leads the major group in numeric change, with an anticipated growth of 1,078, while Medical Secretaries could increase employment by 16.93 percent. On the negative side of the job market, Secretaries and Administrative Assistants, Except Legal, Medical, and Executive, is

slated to lose 912 jobs between 2018 and 2028, placing third on the Top 20 Declining Occupations list. Word Processors and Typists is forecasted to lose more than a quarter of its workforce, placing third in percent decline. In all, seven occupations in **Office and Administrative Support Occupations** made the Top 20 Declining Occupations list, while seven made the Top 20 Fastest Declining Occupations list.

The **Farming, Fishing, and Forestry Occupations** major group is estimated to add 284 jobs between 2018 and 2028. The major group is predicting 2,859 total annual openings, with 699 due to employees leaving the workforce and 2,132 due to employees changing jobs. Growth and expansion are estimated to account for an additional 28 annual openings. The *Agricultural Workers* minor group drives growth in the major group with a gain of 595 jobs. Farmworkers and Laborers, Crop, Nursery, and Greenhouse is predicted to add the most jobs, with 241 new jobs, while Agricultural Equipment Operators could be the fastest growing occupation, increasing by 12.50 percent. On the reverse side of the labor market, Logging Equipment Operators is forecast to lose 186 jobs, making it the top declining occupation and included in the Top 20 Declining Occupations list. Fallers could lose 28 jobs, or 21.54 percent of its workforce, placing it among the five fastest declining occupations in the state.

The **Construction and Extraction Occupations** major group is projected to gain 5,679 jobs over the projection period, with 6,710 total annual openings expected.

The group is expected to have 1,791 annual openings due to employees leaving the workforce, 4,351 due to employees changing jobs, and 568 due to growth and expansion. The *Construction Trades Workers* minor group is expected to see a large gain, with 4,188 jobs expected, 73.75 percent of the major group’s overall growth. Construction Laborers could add the most jobs, with 801 anticipated, while Septic Tank Servicers and Sewer Pipe Cleaners is slated to be the fastest growing occupation, raising employment levels by 23.24 percent.

The **Installation, Maintenance, and Repair Occupations** major group is expected to gain 5,110 jobs by 2028. The major group is estimated to have 6,664 total annual openings, with 1,969 due to employees leaving the workforce, 4,184 due to employees changing jobs, and 511 due to growth and expansion. The *Other Installation, Maintenance, and Repair Occupations* minor group could lead the group with 3,384 jobs projected, with Maintenance and Repair Workers, General driving this growth with a gain of 1,132, the top growing occupation in the major group. At 20.90 percent, Riggers is slated to be the fastest growing occupation in the major group. On the negative side of the economy, Telecommunications Equipment Installers and Repairers, Except Line Installers could become the top and fastest declining occupation in the major group with a loss of 152, or 8.26 percent of its workforce, placing on the Top 20 Declining Occupations list.

The **Production Occupations** major group is projected to add 3,694 jobs between 2018 and 2028. The group is expected to experience 14,937 total annual openings

with 4,897 due to occupational exits and 9,671 due to occupational transfers. Another 369 could come from growth and expansion. The *Other Production Occupations* minor group leads the major group with 2,027 new jobs expected. Driving this growth is Helpers—Production Workers, which is estimated to add 2,202 jobs, a rise of 20.10 percent, placing the occupation among the ten highest growing occupations in the state. Extruding and Forming Machine Setters, Operators, and Tenders, Synthetic and Glass Fibers is forecasted to be the fastest growing occupation in the major group, adding 36.04 percent to its workforce, fifth fastest in the state. On the flip side of the economy, the *Assemblers and Fabricators* minor group is predicted to lose 1,342 jobs. Driving the decline is Assemblers and Fabricators, All Other, Including Team Assemblers, expected to lose1,181 jobs between 2018 and 2028. The occupation is projected to be the top declining in the state. Coil Winders, Tapers, and Finishers is slated to be the fastest declining occupation in the major group, and second fastest declining statewide, losing more than a quarter of its workforce. Six occupations in the **Production Occupations**

major group made the Top 20 Declining Occupations list, and six made the Top 20 Fastest Declining Occupations list.

The **Transportation and Material Moving Occupations** major group is estimated to gain 8,431 jobs during the projection period. With 15,118 total annual openings expected, 5,206 could come from employees leaving the workforce, while 9,069 would come from those changing jobs. Growth and expansion are estimated to account for 843 annual job openings. The *Motor Vehicle Operators* occupational family is estimated to grow by 4,635 jobs, while the *Material Moving Workers* family is estimated to add 3,235 jobs. Heavy and Tractor-Trailer Truck Drivers leads the group with 2,507 new jobs, sixth in the state, while Laborers and Freight, Stock, and Material Movers, Hand is estimated to add an additional 1,797. Taxi Drivers and Chauffeurs is estimated to add 29.60 percent to its workforce, while Rail Yard Engineers, Dinkey Operators, and Hostlers could add 29.59 percent to its own workforce. Sailors and Marine Oilers is predicted to cut eight jobs, or 8.42 percent of its workforce.

Top 20 Growing Occupations by Numeric Change

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Standard Occupational Classification (SOC)** | | **Employment** | | **Change** | | **Annual Separations** | | **Annual Openings** | |
| **Code** | **Title** | **2018**  **Estimated Employment** | **2028**  **Projected Employment** | **Numeric** | **Percent** | **Exits** | **Transfers** | **Change** | **Total** |
| 35-3021 | Combined Food Preparation and Serving Workers, Including Fast Food | 38,419 | 45,927 | **7,508** | 19.54% | 3,362 | 4,147 | 751 | 8,260 |
| 39-9021 | Personal Care Aides | 18,712 | 25,047 | **6,335** | 33.86% | 1,617 | 1,433 | 634 | 3,684 |
| 29-1141 | Registered Nurses | 26,274 | 29,824 | **3,550** | 13.51% | 778 | 720 | 355 | 1,853 |
| 41-3021 | Insurance Sales Agents | 15,695 | 18,622 | **2,927** | 18.65% | 632 | 1,036 | 293 | 1,961 |
| 35-2014 | Cooks, Restaurant | 10,992 | 13,714 | **2,722** | 24.76% | 656 | 1,092 | 272 | 2,020 |
| 53-3032 | Heavy and Tractor-Trailer Truck Drivers | 37,773 | 40,280 | **2,507** | 6.64% | 1,607 | 2,831 | 251 | 4,689 |
| 31-1014 | Nursing Assistants | 18,811 | 21,228 | **2,417** | 12.85% | 1,076 | 1,167 | 242 | 2,485 |
| 11-1021 | General and Operations Managers | 20,949 | 23,172 | **2,223** | 10.61% | 463 | 1,453 | 222 | 2,138 |
| 51-9198 | Helpers--Production Workers | 10,955 | 13,157 | **2,202** | 20.10% | 641 | 1,136 | 220 | 1,997 |
| 41-2031 | Retail Salespersons | 39,654 | 41,652 | **1,998** | 5.04% | 2,336 | 3,602 | 200 | 6,138 |
| 37-2011 | Janitors and Cleaners, Except Maids and Housekeeping Cleaners | 18,854 | 20,726 | **1,872** | 9.93% | 1,210 | 1,396 | 187 | 2,793 |
| 53-7062 | Laborers and Freight, Stock, and Material Movers, Hand | 21,936 | 23,733 | **1,797** | 8.19% | 1,031 | 2,140 | 180 | 3,351 |
| 21-2011 | Clergy | 12,129 | 13,915 | **1,786** | 14.73% | 570 | 840 | 179 | 1,589 |
| 35-1012 | First-Line Supervisors of Food Preparation and Serving Workers | 12,326 | 13,954 | **1,628** | 13.21% | 572 | 1,433 | 163 | 2,168 |
| 35-3031 | Waiters and Waitresses | 18,758 | 20,342 | **1,584** | 8.44% | 1,357 | 2,396 | 158 | 3,911 |
| 13-1111 | Management Analysts | 6,860 | 8,323 | **1,463** | 21.33% | 236 | 480 | 146 | 862 |
| 31-1011 | Home Health Aides | 5,154 | 6,562 | **1,408** | 27.32% | 315 | 342 | 141 | 798 |
| 29-2061 | Licensed Practical and Licensed Vocational Nurses | 12,405 | 13,738 | **1,333** | 10.75% | 444 | 552 | 133 | 1,129 |
| 13-1161 | Market Research Analysts and Marketing Specialists | 4,963 | 6,283 | **1,320** | 26.60% | 132 | 442 | 132 | 706 |
| 39-9011 | Childcare Workers | 11,462 | 12,729 | **1,267** | 11.05% | 894 | 910 | 127 | 1,931 |

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Standard Occupational Classification (SOC)** | | **Employment** | | **Change** | | **Annual Separations** | | **Annual Openings** | |
| **Code** | **Title** | **2018**  **Estimated Employment** | **2028**  **Projected Employment** | **Numeric** | **Percent** | **Exits** | **Transfers** | **Change** | **Total** |
| 13-1131 | Fundraisers | 704 | 994 | 290 | **41.19%** | 28 | 60 | 29 | 117 |
| 31-2011 | Occupational Therapy Assistants | 313 | 435 | 122 | **38.98%** | 16 | 24 | 12 | 52 |
| 29-1127 | Speech-Language Pathologists | 2,110 | 2,902 | 792 | **37.54%** | 49 | 85 | 79 | 213 |
| 15-1122 | Information Security Analysts | 911 | 1,251 | 340 | **37.32%** | 16 | 61 | 34 | 111 |
| 51-6091 | Extruding and Forming Machine Setters, Operators, and Tenders, Synthetic and Glass Fibers | 111 | 151 | 40 | **36.04%** | 7 | 10 | 4 | 21 |
| 15-2041 | Statisticians | 419 | 565 | 146 | **34.84%** | 9 | 29 | 15 | 53 |
| 29-1071 | Physician Assistants | 535 | 720 | 185 | **34.58%** | 10 | 26 | 18 | 54 |
| 39-9021 | Personal Care Aides | 18,712 | 25,047 | 6,335 | **33.86%** | 1,617 | 1,433 | 634 | 3,684 |
| 29-1171 | Nurse Practitioners | 1,966 | 2,593 | 627 | **31.89%** | 45 | 77 | 63 | 185 |
| 15-2031 | Operations Research Analysts | 643 | 838 | 195 | **30.33%** | 17 | 31 | 20 | 68 |
| 33-2022 | Forest Fire Inspectors and Prevention Specialists | 218 | 284 | 66 | **30.28%** | 10 | 13 | 7 | 30 |
| 53-3041 | Taxi Drivers and Chauffeurs | 3,314 | 4,295 | 981 | **29.60%** | 204 | 208 | 98 | 510 |
| 53-4013 | Rail Yard Engineers, Dinkey Operators, and Hostlers | 98 | 127 | 29 | **29.59%** | 3 | 7 | 3 | 13 |
| 15-1132 | Software Developers, Applications | 4,017 | 5,175 | 1,158 | **28.83%** | 64 | 260 | 116 | 440 |
| 31-1011 | Home Health Aides | 5,154 | 6,562 | 1,408 | **27.32%** | 315 | 342 | 141 | 798 |
| 31-9097 | Phlebotomists | 954 | 1,212 | 258 | **27.04%** | 40 | 74 | 26 | 140 |
| 13-1161 | Market Research Analysts and Marketing Specialists | 4,963 | 6,283 | 1,320 | **26.60%** | 132 | 442 | 132 | 706 |
| 31-2021 | Physical Therapist Assistants | 1,123 | 1,416 | 293 | **26.09%** | 55 | 103 | 29 | 187 |
| 31-9092 | Medical Assistants | 3,807 | 4,785 | 978 | **25.69%** | 168 | 306 | 98 | 572 |
| 35-2014 | Cooks, Restaurant | 10,992 | 13,714 | 2,722 | **24.76%** | 656 | 1,092 | 272 | 2,020 |

Top 20 Occupations by Annual Exits

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Standard Occupational Classification (SOC)** | | **Employment** | | **Change** | | **Annual Separations** | | **Annual Openings** | |
| **Code** | **Title** | **2018**  **Estimated Employment** | **2028**  **Projected Employment** | **Numeric** | **Percent** | **Exits** | **Transfers** | **Change** | **Total** |
| 35-3021 | Combined Food Preparation and Serving Workers, Including Fast Food | 38,419 | 45,927 | 7,508 | 19.54% | **3,362** | 4,147 | 751 | 8,260 |
| 11-9013 | Farmers, Ranchers, and Other Agricultural Managers | 53,965 | 53,924 | -41 | -0.08% | **3,354** | 2,005 | -4 | 5,355 |
| 41-2011 | Cashiers | 31,677 | 31,472 | -205 | -0.65% | **2,818** | 3,138 | -20 | 5,936 |
| 41-2031 | Retail Salespersons | 39,654 | 41,652 | 1,998 | 5.04% | **2,336** | 3,602 | 200 | 6,138 |
| 39-9021 | Personal Care Aides | 18,712 | 25,047 | 6,335 | 33.86% | **1,617** | 1,433 | 634 | 3,684 |
| 53-3032 | Heavy and Tractor-Trailer Truck Drivers | 37,773 | 40,280 | 2,507 | 6.64% | **1,607** | 2,831 | 251 | 4,689 |
| 43-9061 | Office Clerks, General | 28,522 | 28,521 | -1 | 0.00% | **1,594** | 1,819 | 0 | 3,413 |
| 35-3031 | Waiters and Waitresses | 18,758 | 20,342 | 1,584 | 8.44% | **1,357** | 2,396 | 158 | 3,911 |
| 37-2011 | Janitors and Cleaners, Except Maids and Housekeeping Cleaners | 18,854 | 20,726 | 1,872 | 9.93% | **1,210** | 1,396 | 187 | 2,793 |
| 31-1014 | Nursing Assistants | 18,811 | 21,228 | 2,417 | 12.85% | **1,076** | 1,167 | 242 | 2,485 |
| 53-7062 | Laborers and Freight, Stock, and Material Movers, Hand | 21,936 | 23,733 | 1,797 | 8.19% | **1,031** | 2,140 | 180 | 3,351 |
| 43-5081 | Stock Clerks and Order Fillers | 18,917 | 19,904 | 987 | 5.22% | **982** | 1,601 | 99 | 2,682 |
| 37-2012 | Maids and Housekeeping Cleaners | 12,309 | 13,065 | 756 | 6.14% | **898** | 811 | 76 | 1,785 |
| 39-9011 | Childcare Workers | 11,462 | 12,729 | 1,267 | 11.05% | **894** | 910 | 127 | 1,931 |
| 43-6014 | Secretaries and Administrative Assistants, Except Legal, Medical, and Executive | 16,939 | 16,027 | -912 | -5.38% | **845** | 1,000 | -91 | 1,754 |
| 43-3031 | Bookkeeping, Accounting, and Auditing Clerks | 13,457 | 13,607 | 150 | 1.11% | **823** | 753 | 15 | 1,591 |
| 43-4051 | Customer Service Representatives | 16,532 | 17,127 | 595 | 3.60% | **808** | 1,435 | 60 | 2,303 |
| 29-1141 | Registered Nurses | 26,274 | 29,824 | 3,550 | 13.51% | **778** | 720 | 355 | 1,853 |
| 35-2014 | Cooks, Restaurant | 10,992 | 13,714 | 2,722 | 24.76% | **656** | 1,092 | 272 | 2,020 |
| 25-9041 | Teacher Assistants | 11,610 | 12,590 | 980 | 8.44% | **642** | 633 | 98 | 1,373 |

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Standard Occupational Classification (SOC)** | | **Employment** | | **Change** | | **Annual Separations** | | **Annual Openings** | |
| **Code** | **Title** | **2018**  **Estimated Employment** | **2028**  **Projected Employment** | **Numeric** | **Percent** | **Exits** | **Transfers** | **Change** | **Total** |
| 35-3021 | Combined Food Preparation and Serving Workers, Including Fast Food | 38,419 | 45,927 | 7,508 | 19.54% | 3,362 | **4,147** | 751 | 8,260 |
| 41-2031 | Retail Salespersons | 39,654 | 41,652 | 1,998 | 5.04% | 2,336 | **3,602** | 200 | 6,138 |
| 41-2011 | Cashiers | 31,677 | 31,472 | -205 | -0.65% | 2,818 | **3,138** | -20 | 5,936 |
| 53-3032 | Heavy and Tractor-Trailer Truck Drivers | 37,773 | 40,280 | 2,507 | 6.64% | 1,607 | **2,831** | 251 | 4,689 |
| 35-3031 | Waiters and Waitresses | 18,758 | 20,342 | 1,584 | 8.44% | 1,357 | **2,396** | 158 | 3,911 |
| 53-7062 | Laborers and Freight, Stock, and Material Movers, Hand | 21,936 | 23,733 | 1,797 | 8.19% | 1,031 | **2,140** | 180 | 3,351 |
| 11-9013 | Farmers, Ranchers, and Other Agricultural Managers | 53,965 | 53,924 | -41 | -0.08% | 3,354 | **2,005** | -4 | 5,355 |
| 43-9061 | Office Clerks, General | 28,522 | 28,521 | -1 | 0.00% | 1,594 | **1,819** | 0 | 3,413 |
| 43-5081 | Stock Clerks and Order Fillers | 18,917 | 19,904 | 987 | 5.22% | 982 | **1,601** | 99 | 2,682 |
| 11-1021 | General and Operations Managers | 20,949 | 23,172 | 2,223 | 10.61% | 463 | **1,453** | 222 | 2,138 |
| 43-4051 | Customer Service Representatives | 16,532 | 17,127 | 595 | 3.60% | 808 | **1,435** | 60 | 2,303 |
| 35-1012 | First-Line Supervisors of Food Preparation and Serving Workers | 12,326 | 13,954 | 1,628 | 13.21% | 572 | **1,433** | 163 | 2,168 |
| 39-9021 | Personal Care Aides | 18,712 | 25,047 | 6,335 | 33.86% | 1,617 | **1,433** | 634 | 3,684 |
| 37-2011 | Janitors and Cleaners, Except Maids and Housekeeping Cleaners | 18,854 | 20,726 | 1,872 | 9.93% | 1,210 | **1,396** | 187 | 2,793 |
| 41-1011 | First-Line Supervisors of Retail Sales Workers | 16,948 | 17,394 | 446 | 2.63% | 593 | **1,294** | 45 | 1,932 |
| 31-1014 | Nursing Assistants | 18,811 | 21,228 | 2,417 | 12.85% | 1,076 | **1,167** | 242 | 2,485 |
| 51-9198 | Helpers--Production Workers | 10,955 | 13,157 | 2,202 | 20.10% | 641 | **1,136** | 220 | 1,997 |
| 35-2014 | Cooks, Restaurant | 10,992 | 13,714 | 2,722 | 24.76% | 656 | **1,092** | 272 | 2,020 |
| 43-1011 | First-Line Supervisors of Office and Administrative Support Workers | 15,264 | 15,765 | 501 | 3.28% | 582 | **1,044** | 50 | 1,676 |
| 41-3021 | Insurance Sales Agents | 15,695 | 18,622 | 2,927 | 18.65% | 632 | **1,036** | 293 | 1,961 |

Top 20 Occupations by Total Annual Openings

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Standard Occupational Classification (SOC)** | | **Employment** | | **Change** | | **Annual Separations** | | **Annual Openings** | |
| **Code** | **Title** | **2018**  **Estimated Employment** | **2028**  **Projected Employment** | **Numeric** | **Percent** | **Exits** | **Transfers** | **Change** | **Total** |
| 35-3021 | Combined Food Preparation and Serving Workers, Including Fast Food | 38,419 | 45,927 | 7,508 | 19.54% | 3,362 | 4,147 | 751 | **8,260** |
| 41-2031 | Retail Salespersons | 39,654 | 41,652 | 1,998 | 5.04% | 2,336 | 3,602 | 200 | **6,138** |
| 41-2011 | Cashiers | 31,677 | 31,472 | -205 | -0.65% | 2,818 | 3,138 | -20 | **5,936** |
| 11-9013 | Farmers, Ranchers, and Other Agricultural Managers | 53,965 | 53,924 | -41 | -0.08% | 3,354 | 2,005 | -4 | **5,355** |
| 53-3032 | Heavy and Tractor-Trailer Truck Drivers | 37,773 | 40,280 | 2,507 | 6.64% | 1,607 | 2,831 | 251 | **4,689** |
| 35-3031 | Waiters and Waitresses | 18,758 | 20,342 | 1,584 | 8.44% | 1,357 | 2,396 | 158 | **3,911** |
| 39-9021 | Personal Care Aides | 18,712 | 25,047 | 6,335 | 33.86% | 1,617 | 1,433 | 634 | **3,684** |
| 43-9061 | Office Clerks, General | 28,522 | 28,521 | -1 | 0.00% | 1,594 | 1,819 | 0 | **3,413** |
| 53-7062 | Laborers and Freight, Stock, and Material Movers, Hand | 21,936 | 23,733 | 1,797 | 8.19% | 1,031 | 2,140 | 180 | **3,351** |
| 37-2011 | Janitors and Cleaners, Except Maids and Housekeeping Cleaners | 18,854 | 20,726 | 1,872 | 9.93% | 1,210 | 1,396 | 187 | **2,793** |
| 43-5081 | Stock Clerks and Order Fillers | 18,917 | 19,904 | 987 | 5.22% | 982 | 1,601 | 99 | **2,682** |
| 31-1014 | Nursing Assistants | 18,811 | 21,228 | 2,417 | 12.85% | 1,076 | 1,167 | 242 | **2,485** |
| 43-4051 | Customer Service Representatives | 16,532 | 17,127 | 595 | 3.60% | 808 | 1,435 | 60 | **2,303** |
| 35-1012 | First-Line Supervisors of Food Preparation and Serving Workers | 12,326 | 13,954 | 1,628 | 13.21% | 572 | 1,433 | 163 | **2,168** |
| 11-1021 | General and Operations Managers | 20,949 | 23,172 | 2,223 | 10.61% | 463 | 1,453 | 222 | **2,138** |
| 35-2014 | Cooks, Restaurant | 10,992 | 13,714 | 2,722 | 24.76% | 656 | 1,092 | 272 | **2,020** |
| 51-9198 | Helpers--Production Workers | 10,955 | 13,157 | 2,202 | 20.10% | 641 | 1,136 | 220 | **1,997** |
| 41-3021 | Insurance Sales Agents | 15,695 | 18,622 | 2,927 | 18.65% | 632 | 1,036 | 293 | **1,961** |
| 41-1011 | First-Line Supervisors of Retail Sales Workers | 16,948 | 17,394 | 446 | 2.63% | 593 | 1,294 | 45 | **1,932** |
| 39-9011 | Childcare Workers | 11,462 | 12,729 | 1,267 | 11.05% | 894 | 910 | 127 | **1,931** |

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Standard Occupational Classification (SOC)** | | **Employment** | | **Change** | | **Annual Separations** | | **Annual Openings** | |
| **Code** | **Title** | **2018**  **Estimated Employment** | **2028**  **Projected Employment** | **Numeric** | **Percent** | **Exits** | **Transfers** | **Change** | **Total** |
| 51-2098 | Assemblers and Fabricators, All Other, Including Team Assemblers | 13,077 | 11,896 | **-1,181** | -9.03% | 511 | 943 | -118 | 1,336 |
| 51-9061 | Inspectors, Testers, Sorters, Samplers, and Weighers | 6,867 | 5,886 | **-981** | -14.29% | 253 | 533 | -98 | 688 |
| 43-6014 | Secretaries and Administrative Assistants, Except Legal, Medical, and Executive | 16,939 | 16,027 | **-912** | -5.38% | 845 | 1,000 | -91 | 1,754 |
| 43-3071 | Tellers | 5,312 | 4,821 | **-491** | -9.24% | 248 | 362 | -49 | 561 |
| 43-6011 | Executive Secretaries and Executive Administrative Assistants | 2,549 | 2,161 | **-388** | -15.22% | 121 | 143 | -39 | 225 |
| 43-9021 | Data Entry Keyers | 1,308 | 1,052 | **-256** | -19.57% | 53 | 83 | -26 | 110 |
| 41-9041 | Telemarketers | 2,380 | 2,125 | **-255** | -10.71% | 108 | 245 | -26 | 327 |
| 41-2011 | Cashiers | 31,677 | 31,472 | **-205** | -0.65% | 2,818 | 3,138 | -20 | 5,936 |
| 35-2011 | Cooks, Fast Food | 4,141 | 3,946 | **-195** | -4.71% | 215 | 357 | -20 | 552 |
| 43-6012 | Legal Secretaries | 1,135 | 946 | **-189** | -16.65% | 53 | 63 | -19 | 97 |
| 45-4022 | Logging Equipment Operators | 1,769 | 1,583 | **-186** | -10.51% | 66 | 202 | -19 | 249 |
| 29-2054 | Respiratory Therapy Technicians | 322 | 138 | **-184** | -57.14% | 7 | 12 | -18 | 1 |
| 43-5052 | Postal Service Mail Carriers | 3,246 | 3,088 | **-158** | -4.87% | 116 | 120 | -16 | 220 |
| 49-2022 | Telecommunications Equipment Installers and Repairers, Except Line Installers | 1,840 | 1,688 | **-152** | -8.26% | 49 | 145 | -15 | 179 |
| 51-5112 | Printing Press Operators | 2,053 | 1,933 | **-120** | -5.85% | 76 | 139 | -12 | 203 |
| 43-2011 | Switchboard Operators, Including Answering Service | 549 | 437 | **-112** | -20.40% | 28 | 33 | -11 | 50 |
| 51-2021 | Coil Winders, Tapers, and Finishers | 369 | 275 | **-94** | -25.47% | 14 | 23 | -9 | 28 |
| 51-2041 | Structural Metal Fabricators and Fitters | 1,037 | 949 | **-88** | -8.49% | 24 | 80 | -9 | 95 |
| 51-9196 | Paper Goods Machine Setters, Operators, and Tenders | 2,146 | 2,064 | **-82** | -3.82% | 65 | 163 | -8 | 220 |
| 15-1131 | Computer Programmers | 2,015 | 1,940 | **-75** | -3.72% | 32 | 107 | -8 | 131 |

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

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Standard Occupational Classification (SOC)** | | **Employment** | | **Change** | | **Annual Separations** | | **Annual Openings** | |
| **Code** | **Title** | **2018**  **Estimated Employment** | **2028**  **Projected Employment** | **Numeric** | **Percent** | **Exits** | **Transfers** | **Change** | **Total** |
| 29-2054 | Respiratory Therapy Technicians | 322 | 138 | -184 | **-57.14%** | 7 | 12 | -18 | 1 |
| 51-2021 | Coil Winders, Tapers, and Finishers | 369 | 275 | -94 | **-25.47%** | 14 | 23 | -9 | 28 |
| 43-9022 | Word Processors and Typists | 185 | 138 | -47 | **-25.41%** | 10 | 10 | -5 | 15 |
| 51-4032 | Drilling and Boring Machine Tool Setters, Operators, and Tenders, Metal and Plastic | 43 | 33 | -10 | **-23.26%** | 1 | 3 | -1 | 3 |
| 45-4021 | Fallers | 130 | 102 | -28 | **-21.54%** | 5 | 14 | -3 | 16 |
| 43-2011 | Switchboard Operators, Including Answering Service | 549 | 437 | -112 | **-20.40%** | 28 | 33 | -11 | 50 |
| 43-9011 | Computer Operators | 306 | 244 | -62 | **-20.26%** | 13 | 20 | -6 | 27 |
| 43-9021 | Data Entry Keyers | 1,308 | 1,052 | -256 | **-19.57%** | 53 | 83 | -26 | 110 |
| 51-6021 | Pressers, Textile, Garment, and Related Materials | 268 | 218 | -50 | **-18.66%** | 13 | 15 | -5 | 23 |
| 41-3041 | Travel Agents | 188 | 155 | -33 | **-17.55%** | 10 | 13 | -3 | 20 |
| 43-6012 | Legal Secretaries | 1,135 | 946 | -189 | **-16.65%** | 53 | 63 | -19 | 97 |
| 43-6011 | Executive Secretaries and Executive Administrative Assistants | 2,549 | 2,161 | -388 | **-15.22%** | 121 | 143 | -39 | 225 |
| 51-4071 | Foundry Mold and Coremakers | 90 | 77 | -13 | **-14.44%** | 2 | 7 | -1 | 8 |
| 51-5111 | Prepress Technicians and Workers | 182 | 156 | -26 | **-14.29%** | 6 | 14 | -3 | 17 |
| 51-9061 | Inspectors, Testers, Sorters, Samplers, and Weighers | 6,867 | 5,886 | -981 | **-14.29%** | 253 | 533 | -98 | 688 |
| 27-1023 | Floral Designers | 440 | 383 | -57 | **-12.95%** | 13 | 28 | -6 | 35 |
| 27-3022 | Reporters and Correspondents | 314 | 276 | -38 | **-12.10%** | 10 | 26 | -4 | 32 |
| 43-4071 | File Clerks | 515 | 459 | -56 | **-10.87%** | 28 | 32 | -6 | 54 |
| 41-9041 | Telemarketers | 2,380 | 2,125 | -255 | **-10.71%** | 108 | 245 | -26 | 327 |
| 45-4022 | Logging Equipment Operators | 1,769 | 1,583 | -186 | **-10.51%** | 66 | 202 | -19 | 249 |

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Standard Occupational Classification (SOC)** | | **Employment** | | **Change** | | **Annual Separations** | | **Annual Openings** | | **Education/Training Codes** | | |
| **Code** | **Title** | **2018**  **Estimated Employment** | **2028**  **Projected Employment** | **Numeric** | **Percent** | **Exits** | **Transfers** | **Change** | **Total** | **Education** | **Work Experience** | **Job Training** |
| **00-0000** | **TOTAL, ALL OCCUPATIONS** | **1,408,747** | **1,527,428** | **118,681** | **8.42%** | **64,780** | **102,234** | **11,868** | **178,882** |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |
| **11-0000** | **MANAGEMENT OCCUPATIONS** | **129,733** | **138,626** | **8,893** | **6.85%** | **5,252** | **6,674** | **889** | **12,815** |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |
| **11-1000** | **Top Executives** | **25,368** | **27,739** | **2,371** | **9.35%** | **581** | **1,660** | **237** | **2,478** |  |  |  |
| 11-1011 | Chief Executives | 3,253 | 3,253 | 0 | 0.00% | 87 | 144 | 0 | 231 | 3 | 1 | 6 |
| 11-1021 | General and Operations Managers | 20,949 | 23,172 | 2,223 | 10.61% | 463 | 1,453 | 222 | 2,138 | 3 | 1 | 6 |
| 11-1031 | Legislators | 1,166 | 1,314 | 148 | 12.69% | 31 | 63 | 15 | 109 | 3 | 2 | 6 |
| **11-2000** | **Advertising, Marketing, Promotions, Public Relations, and Sales Managers** | **4,357** | **4,853** | **496** | **11.38%** | **94** | **313** | **50** | **457** |  |  |  |
| 11-2011 | Advertising and Promotions Managers | 147 | 159 | 12 | 8.16% | 3 | 11 | 1 | 15 | 3 | 2 | 6 |
| 11-2021 | Marketing Managers | 1,408 | 1,601 | 193 | 13.71% | 31 | 103 | 19 | 153 | 3 | 1 | 6 |
| 11-2022 | Sales Managers | 2,369 | 2,576 | 207 | 8.74% | 50 | 169 | 21 | 240 | 3 | 2 | 6 |
| 11-2031 | Public Relations and Fundraising Managers | 433 | 517 | 84 | 19.40% | 10 | 30 | 8 | 48 | 3 | 1 | 6 |
| **11-3000** | **Operations Specialties Managers** | **14,522** | **16,721** | **2,199** | **15.14%** | **342** | **887** | **220** | **1,449** |  |  |  |
| 11-3011 | Administrative Services Managers | 1,931 | 2,161 | 230 | 11.91% | 56 | 114 | 23 | 193 | 3 | 2 | 6 |
| 11-3021 | Computer and Information Systems Managers | 2,456 | 2,857 | 401 | 16.33% | 46 | 162 | 40 | 248 | 3 | 1 | 6 |
| 11-3031 | Financial Managers | 4,755 | 5,792 | 1,037 | 21.81% | 114 | 292 | 104 | 510 | 3 | 1 | 6 |
| 11-3051 | Industrial Production Managers | 2,049 | 2,219 | 170 | 8.30% | 46 | 110 | 17 | 173 | 3 | 1 | 6 |
| 11-3061 | Purchasing Managers | 600 | 664 | 64 | 10.67% | 15 | 38 | 6 | 59 | 3 | 1 | 6 |
| 11-3071 | Transportation, Storage, and Distribution Managers | 1,329 | 1,457 | 128 | 9.63% | 30 | 79 | 13 | 122 | 7 | 1 | 6 |
| 11-3111 | Compensation and Benefits Managers | 145 | 155 | 10 | 6.90% | 4 | 9 | 1 | 14 | 3 | 1 | 6 |
| 11-3121 | Human Resources Managers | 1,023 | 1,151 | 128 | 12.51% | 25 | 67 | 13 | 105 | 3 | 1 | 6 |
| 11-3131 | Training and Development Managers | 234 | 265 | 31 | 13.25% | 6 | 16 | 3 | 25 | 3 | 1 | 6 |
| **11-9000** | **Other Management Occupations** | **85,486** | **89,313** | **3,827** | **4.48%** | **4,236** | **3,814** | **383** | **8,433** |  |  |  |
| 11-9013 | Farmers, Ranchers, and Other Agricultural Managers | 53,965 | 53,924 | -41 | -0.08% | 3,354 | 2,005 | -4 | 5,355 | 7 | 1 | 6 |
| 11-9021 | Construction Managers | 3,320 | 3,705 | 385 | 11.60% | 74 | 179 | 38 | 291 | 3 | 3 | 4 |
| 11-9031 | Education Administrators, Preschool and Childcare Center/Program | 681 | 780 | 99 | 14.54% | 19 | 38 | 10 | 67 | 3 | 2 | 6 |
| 11-9032 | Education Administrators, Elementary and Secondary School | 2,186 | 2,338 | 152 | 6.95% | 58 | 117 | 15 | 190 | 2 | 1 | 6 |
| 11-9033 | Education Administrators, Postsecondary | 1,619 | 1,745 | 126 | 7.78% | 43 | 87 | 13 | 143 | 2 | 2 | 6 |
| 11-9039 | Education Administrators, All Other | 634 | 690 | 56 | 8.83% | 17 | 34 | 6 | 57 | 3 | 2 | 6 |

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Standard Occupational Classification (SOC)** | | **Employment** | | **Change** | | **Annual Separations** | | **Annual Openings** | | **Education/Training Codes** | | |
| **Code** | **Title** | **2018**  **Estimated Employment** | **2028**  **Projected Employment** | **Numeric** | **Percent** | **Exits** | **Transfers** | **Change** | **Total** | **Education** | **Work Experience** | **Job Training** |
| 11-9041 | Architectural and Engineering Managers | 870 | 923 | 53 | 6.09% | 16 | 49 | 5 | 70 | 3 | 1 | 6 |
| 11-9051 | Food Service Managers | 2,153 | 2,450 | 297 | 13.79% | 70 | 194 | 30 | 294 | 7 | 2 | 6 |
| 11-9061 | Funeral Service Managers | 338 | 362 | 24 | 7.10% | 9 | 18 | 2 | 29 | 4 | 2 | 6 |
| 11-9081 | Lodging Managers | 842 | 899 | 57 | 6.77% | 28 | 62 | 6 | 96 | 7 | 2 | 6 |
| 11-9111 | Medical and Health Services Managers | 5,249 | 6,265 | 1,016 | 19.36% | 141 | 315 | 102 | 558 | 3 | 2 | 6 |
| 11-9121 | Natural Sciences Managers | 284 | 308 | 24 | 8.45% | 6 | 20 | 2 | 28 | 3 | 1 | 6 |
| 11-9141 | Property, Real Estate, and Community Association Managers | 2,680 | 2,980 | 300 | 11.19% | 105 | 112 | 30 | 247 | 7 | 2 | 6 |
| 11-9151 | Social and Community Service Managers | 1,816 | 2,164 | 348 | 19.16% | 59 | 114 | 35 | 208 | 3 | 2 | 6 |
| 11-9199 | Managers, All Other | 8,509 | 9,444 | 935 | 10.99% | 227 | 453 | 94 | 774 | 3 | 2 | 6 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |
| **13-0000** | **BUSINESS AND FINANCIAL OPERATIONS OCCUPATIONS** | **56,847** | **64,472** | **7,625** | **13.41%** | **1,684** | **4,073** | **762** | **6,519** |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |
| **13-1000** | **Business Operations Specialists** | **38,287** | **43,713** | **5,426** | **14.17%** | **1,144** | **2,871** | **543** | **4,558** |  |  |  |
| 13-1020 | Buyers and Purchasing Agents | 3,464 | 3,419 | -45 | -1.30% | 108 | 250 | -4 | 354 | 3 | 3 | 4 |
| 13-1031 | Claims Adjusters, Examiners, and Investigators | 1,485 | 1,489 | 4 | 0.27% | 36 | 90 | 0 | 126 | 7 | 3 | 3 |
| 13-1041 | Compliance Officers | 2,828 | 3,160 | 332 | 11.74% | 84 | 179 | 33 | 296 | 3 | 3 | 4 |
| 13-1051 | Cost Estimators | 1,288 | 1,434 | 146 | 11.34% | 34 | 100 | 15 | 149 | 3 | 3 | 4 |
| 13-1071 | Human Resources Specialists | 3,845 | 4,201 | 356 | 9.26% | 107 | 296 | 36 | 439 | 3 | 3 | 6 |
| 13-1075 | Labor Relations Specialists | 366 | 364 | -2 | -0.55% | 10 | 27 | 0 | 37 | 3 | 2 | 6 |
| 13-1081 | Logisticians | 1,586 | 1,772 | 186 | 11.73% | 39 | 121 | 19 | 179 | 3 | 3 | 6 |
| 13-1111 | Management Analysts | 6,860 | 8,323 | 1,463 | 21.33% | 236 | 480 | 146 | 862 | 3 | 2 | 6 |
| 13-1121 | Meeting, Convention, and Event Planners | 837 | 940 | 103 | 12.31% | 28 | 73 | 10 | 111 | 3 | 3 | 6 |
| 13-1131 | Fundraisers | 704 | 994 | 290 | 41.19% | 28 | 60 | 29 | 117 | 3 | 3 | 6 |
| 13-1141 | Compensation, Benefits, and Job Analysis Specialists | 671 | 742 | 71 | 10.58% | 23 | 44 | 7 | 74 | 3 | 2 | 6 |
| 13-1151 | Training and Development Specialists | 2,394 | 2,705 | 311 | 12.99% | 76 | 197 | 31 | 304 | 3 | 2 | 6 |
| 13-1161 | Market Research Analysts and Marketing Specialists | 4,963 | 6,283 | 1,320 | 26.60% | 132 | 442 | 132 | 706 | 3 | 3 | 6 |
| 13-1199 | Business Operations Specialists, All Other | 6,957 | 7,843 | 886 | 12.74% | 201 | 509 | 89 | 799 | 3 | 3 | 6 |
| **13-2000** | **Financial Specialists** | **18,560** | **20,759** | **2,199** | **11.85%** | **541** | **1,202** | **220** | **1,963** |  |  |  |
| 13-2011 | Accountants and Auditors | 8,786 | 9,895 | 1,109 | 12.62% | 264 | 607 | 111 | 982 | 3 | 3 | 6 |
| 13-2021 | Appraisers and Assessors of Real Estate | 588 | 656 | 68 | 11.56% | 21 | 25 | 7 | 53 | 3 | 3 | 3 |

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Standard Occupational Classification (SOC)** | | **Employment** | | **Change** | | **Annual Separations** | | **Annual Openings** | | **Education/Training Codes** | | |
| **Code** | **Title** | **2018**  **Estimated Employment** | **2028**  **Projected Employment** | **Numeric** | **Percent** | **Exits** | **Transfers** | **Change** | **Total** | **Education** | **Work Experience** | **Job Training** |
| 13-2031 | Budget Analysts | 538 | 586 | 48 | 8.92% | 14 | 30 | 5 | 49 | 3 | 3 | 6 |
| 13-2041 | Credit Analysts | 468 | 512 | 44 | 9.40% | 11 | 33 | 4 | 48 | 3 | 3 | 6 |
| 13-2051 | Financial Analysts | 1,128 | 1,280 | 152 | 13.48% | 23 | 79 | 15 | 117 | 3 | 3 | 6 |
| 13-2052 | Personal Financial Advisors | 1,250 | 1,387 | 137 | 10.96% | 30 | 70 | 14 | 114 | 3 | 3 | 3 |
| 13-2053 | Insurance Underwriters | 354 | 376 | 22 | 6.21% | 8 | 22 | 2 | 32 | 3 | 3 | 4 |
| 13-2061 | Financial Examiners | 296 | 325 | 29 | 9.80% | 6 | 17 | 3 | 26 | 3 | 3 | 3 |
| 13-2071 | Credit Counselors | 91 | 101 | 10 | 10.99% | 2 | 6 | 1 | 9 | 3 | 3 | 4 |
| 13-2072 | Loan Officers | 2,739 | 3,060 | 321 | 11.72% | 70 | 173 | 32 | 275 | 3 | 3 | 4 |
| 13-2081 | Tax Examiners and Collectors, and Revenue Agents | 534 | 576 | 42 | 7.87% | 22 | 24 | 4 | 50 | 3 | 3 | 4 |
| 13-2082 | Tax Preparers | 741 | 822 | 81 | 10.93% | 38 | 50 | 8 | 96 | 7 | 3 | 4 |
| 13-2099 | Financial Specialists, All Other | 1,047 | 1,183 | 136 | 12.99% | 31 | 65 | 14 | 110 | 3 | 3 | 4 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |
| **15-0000** | **COMPUTER AND MATHEMATICAL OCCUPATIONS** | **24,488** | **28,339** | **3,851** | **15.73%** | **443** | **1,499** | **385** | **2,327** |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |
| **15-1100** | **Computer Occupations** | **23,384** | **26,880** | **3,496** | **14.95%** | **416** | **1,437** | **350** | **2,203** |  |  |  |
| 15-1111 | Computer and Information Research Scientists | 40 | 45 | 5 | 12.50% | 1 | 3 | 0 | 4 | 2 | 3 | 6 |
| 15-1121 | Computer Systems Analysts | 3,648 | 4,193 | 545 | 14.94% | 74 | 209 | 54 | 337 | 3 | 3 | 6 |
| 15-1122 | Information Security Analysts | 911 | 1,251 | 340 | 37.32% | 16 | 61 | 34 | 111 | 3 | 2 | 6 |
| 15-1131 | Computer Programmers | 2,015 | 1,940 | -75 | -3.72% | 32 | 107 | -8 | 131 | 3 | 3 | 6 |
| 15-1132 | Software Developers, Applications | 4,017 | 5,175 | 1,158 | 28.83% | 64 | 260 | 116 | 440 | 3 | 3 | 6 |
| 15-1133 | Software Developers, Systems Software | 1,262 | 1,399 | 137 | 10.86% | 18 | 75 | 14 | 107 | 3 | 3 | 6 |
| 15-1134 | Web Developers | 544 | 635 | 91 | 16.73% | 10 | 35 | 9 | 54 | 4 | 3 | 6 |
| 15-1141 | Database Administrators | 513 | 585 | 72 | 14.04% | 11 | 28 | 7 | 46 | 3 | 3 | 6 |
| 15-1142 | Network and Computer Systems Administrators | 2,585 | 2,811 | 226 | 8.74% | 45 | 143 | 23 | 211 | 3 | 3 | 6 |
| 15-1143 | Computer Network Architects | 946 | 1,067 | 121 | 12.79% | 13 | 57 | 12 | 82 | 3 | 1 | 6 |
| 15-1151 | Computer User Support Specialists | 4,129 | 4,649 | 520 | 12.59% | 81 | 279 | 52 | 412 | 6 | 3 | 6 |
| 15-1152 | Computer Network Support Specialists | 1,814 | 2,059 | 245 | 13.51% | 36 | 123 | 24 | 183 | 4 | 3 | 6 |
| 15-1199 | Computer Occupations, All Other | 960 | 1,071 | 111 | 11.56% | 16 | 57 | 11 | 84 | 3 | 3 | 6 |
| **15-2000** | **Mathematical Science Occupations** | **1,104** | **1,459** | **355** | **32.16%** | **27** | **62** | **36** | **125** |  |  |  |
| 15-2031 | Operations Research Analysts | 643 | 838 | 195 | 30.33% | 17 | 31 | 20 | 68 | 3 | 3 | 6 |

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| **Standard Occupational Classification (SOC)** | | **Employment** | | **Change** | | **Annual Separations** | | **Annual Openings** | | **Education/Training Codes** | | |
| **Code** | **Title** | **2018**  **Estimated Employment** | **2028**  **Projected Employment** | **Numeric** | **Percent** | **Exits** | **Transfers** | **Change** | **Total** | **Education** | **Work Experience** | **Job Training** |
| 15-2041 | Statisticians | 419 | 565 | 146 | 34.84% | 9 | 29 | 15 | 53 | 2 | 3 | 6 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |
| **17-0000** | **ARCHITECTURE AND ENGINEERING OCCUPATIONS** | **13,206** | **14,304** | **1,098** | **8.31%** | **330** | **759** | **110** | **1,199** |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |
| **17-1000** | **Architects, Surveyors, and Cartographers** | **1,341** | **1,482** | **141** | **10.51%** | **35** | **72** | **14** | **121** |  |  |  |
| 17-1011 | Architects, Except Landscape and Naval | 709 | 788 | 79 | 11.14% | 18 | 40 | 8 | 66 | 3 | 3 | 2 |
| 17-1012 | Landscape Architects | 114 | 121 | 7 | 6.14% | 3 | 6 | 1 | 10 | 3 | 3 | 2 |
| 17-1021 | Cartographers and Photogrammetrists | 91 | 111 | 20 | 21.98% | 3 | 5 | 2 | 10 | 3 | 3 | 6 |
| 17-1022 | Surveyors | 427 | 462 | 35 | 8.20% | 11 | 21 | 4 | 36 | 3 | 3 | 2 |
| **17-2000** | **Engineers** | **8,164** | **8,876** | **712** | **8.72%** | **172** | **423** | **71** | **666** |  |  |  |
| 17-2021 | Agricultural Engineers | 29 | 30 | 1 | 3.45% | 1 | 1 | 0 | 2 | 3 | 3 | 6 |
| 17-2031 | Biomedical Engineers | 60 | 65 | 5 | 8.33% | 1 | 3 | 0 | 4 | 3 | 3 | 6 |
| 17-2041 | Chemical Engineers | 147 | 169 | 22 | 14.97% | 3 | 7 | 2 | 12 | 3 | 3 | 6 |
| 17-2051 | Civil Engineers | 1,673 | 1,833 | 160 | 9.56% | 36 | 101 | 16 | 153 | 3 | 3 | 6 |
| 17-2061 | Computer Hardware Engineers | 289 | 337 | 48 | 16.61% | 6 | 16 | 5 | 27 | 3 | 3 | 6 |
| 17-2071 | Electrical Engineers | 1,057 | 1,137 | 80 | 7.57% | 22 | 50 | 8 | 80 | 3 | 3 | 6 |
| 17-2072 | Electronics Engineers, Except Computer | 421 | 422 | 1 | 0.24% | 8 | 19 | 0 | 27 | 3 | 3 | 6 |
| 17-2081 | Environmental Engineers | 131 | 139 | 8 | 6.11% | 4 | 7 | 1 | 12 | 3 | 3 | 6 |
| 17-2111 | Health and Safety Engineers, Except Mining Safety Engineers and Inspectors | 173 | 189 | 16 | 9.25% | 4 | 9 | 2 | 15 | 3 | 3 | 6 |
| 17-2112 | Industrial Engineers | 1,840 | 2,095 | 255 | 13.86% | 40 | 95 | 26 | 161 | 3 | 3 | 6 |
| 17-2131 | Materials Engineers | 146 | 159 | 13 | 8.90% | 3 | 6 | 1 | 10 | 3 | 3 | 6 |
| 17-2141 | Mechanical Engineers | 1,059 | 1,134 | 75 | 7.08% | 20 | 54 | 8 | 82 | 3 | 3 | 6 |
| 17-2171 | Petroleum Engineers | 98 | 93 | -5 | -5.10% | 2 | 5 | 0 | 7 | 3 | 3 | 6 |
| 17-2199 | Engineers, All Other | 687 | 723 | 36 | 5.24% | 14 | 34 | 4 | 52 | 3 | 3 | 6 |
| **17-3000** | **Drafters, Engineering Technicians, and Mapping Technicians** | **3,701** | **3,946** | **245** | **6.62%** | **124** | **264** | **24** | **412** |  |  |  |
| 17-3011 | Architectural and Civil Drafters | 604 | 630 | 26 | 4.30% | 20 | 43 | 3 | 66 | 4 | 3 | 6 |
| 17-3012 | Electrical and Electronics Drafters | 138 | 147 | 9 | 6.52% | 5 | 10 | 1 | 16 | 4 | 3 | 6 |
| 17-3013 | Mechanical Drafters | 334 | 329 | -5 | -1.50% | 11 | 23 | 0 | 34 | 4 | 3 | 6 |
| 17-3019 | Drafters, All Other | 24 | 26 | 2 | 8.33% | 1 | 2 | 0 | 3 | 4 | 3 | 6 |
| 17-3022 | Civil Engineering Technicians | 248 | 270 | 22 | 8.87% | 9 | 17 | 2 | 28 | 4 | 3 | 6 |

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| **Standard Occupational Classification (SOC)** | | **Employment** | | **Change** | | **Annual Separations** | | **Annual Openings** | | **Education/Training Codes** | | |
| **Code** | **Title** | **2018**  **Estimated Employment** | **2028**  **Projected Employment** | **Numeric** | **Percent** | **Exits** | **Transfers** | **Change** | **Total** | **Education** | **Work Experience** | **Job Training** |
| 17-3023 | Electrical and Electronics Engineering Technicians | 568 | 605 | 37 | 6.51% | 19 | 38 | 4 | 61 | 4 | 3 | 6 |
| 17-3025 | Environmental Engineering Technicians | 172 | 184 | 12 | 6.98% | 6 | 12 | 1 | 19 | 4 | 3 | 6 |
| 17-3026 | Industrial Engineering Technicians | 476 | 503 | 27 | 5.67% | 16 | 32 | 3 | 51 | 4 | 3 | 6 |
| 17-3027 | Mechanical Engineering Technicians | 137 | 145 | 8 | 5.84% | 5 | 9 | 1 | 15 | 4 | 3 | 6 |
| 17-3029 | Engineering Technicians, Except Drafters, All Other | 529 | 596 | 67 | 12.67% | 19 | 36 | 7 | 62 | 4 | 3 | 6 |
| 17-3031 | Surveying and Mapping Technicians | 450 | 490 | 40 | 8.89% | 13 | 42 | 4 | 59 | 7 | 3 | 4 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |
| **19-0000** | **LIFE, PHYSICAL, AND SOCIAL SCIENCE OCCUPATIONS** | **7,051** | **7,725** | **674** | **9.56%** | **154** | **598** | **67** | **819** |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |
| **19-1000** | **Life Scientists** | **1,575** | **1,703** | **128** | **8.13%** | **28** | **133** | **13** | **174** |  |  |  |
| 19-1011 | Animal Scientists | 21 | 21 | 0 | 0.00% | 0 | 2 | 0 | 2 | 3 | 3 | 6 |
| 19-1012 | Food Scientists and Technologists | 215 | 242 | 27 | 12.56% | 5 | 21 | 3 | 29 | 3 | 3 | 6 |
| 19-1013 | Soil and Plant Scientists | 91 | 101 | 10 | 10.99% | 2 | 9 | 1 | 12 | 3 | 3 | 6 |
| 19-1022 | Microbiologists | 205 | 221 | 16 | 7.80% | 3 | 16 | 2 | 21 | 3 | 3 | 6 |
| 19-1029 | Biological Scientists, All Other | 263 | 269 | 6 | 2.28% | 4 | 20 | 1 | 25 | 3 | 3 | 6 |
| 19-1031 | Conservation Scientists | 140 | 142 | 2 | 1.43% | 3 | 12 | 0 | 15 | 3 | 3 | 6 |
| 19-1032 | Foresters | 218 | 237 | 19 | 8.72% | 4 | 19 | 2 | 25 | 3 | 3 | 6 |
| 19-1041 | Epidemiologists | 52 | 56 | 4 | 7.69% | 1 | 4 | 0 | 5 | 2 | 3 | 6 |
| 19-1042 | Medical Scientists, Except Epidemiologists | 161 | 188 | 27 | 16.77% | 2 | 13 | 3 | 18 | 1 | 3 | 6 |
| **19-2000** | **Physical Scientists** | **839** | **917** | **78** | **9.30%** | **15** | **71** | **8** | **94** |  |  |  |
| 19-2021 | Atmospheric and Space Scientists | 28 | 28 | 0 | 0.00% | 0 | 2 | 0 | 2 | 3 | 3 | 6 |
| 19-2031 | Chemists | 330 | 349 | 19 | 5.76% | 6 | 25 | 2 | 33 | 3 | 3 | 6 |
| 19-2041 | Environmental Scientists and Specialists, Including Health | 282 | 331 | 49 | 17.38% | 6 | 28 | 5 | 39 | 3 | 3 | 6 |
| 19-2042 | Geoscientists, Except Hydrologists and Geographers | 94 | 105 | 11 | 11.70% | 2 | 9 | 1 | 12 | 3 | 3 | 6 |
| **19-3000** | **Social Scientists and Related Workers** | **1,448** | **1,662** | **214** | **14.78%** | **36** | **90** | **21** | **147** |  |  |  |
| 19-3011 | Economists | 102 | 112 | 10 | 9.80% | 2 | 6 | 1 | 9 | 2 | 3 | 6 |
| 19-3022 | Survey Researchers | 88 | 96 | 8 | 9.09% | 3 | 8 | 1 | 12 | 2 | 3 | 6 |
| 19-3031 | Clinical, Counseling, and School Psychologists | 832 | 994 | 162 | 19.47% | 20 | 44 | 16 | 80 | 1 | 3 | 2 |
| 19-3039 | Psychologists, All Other | 111 | 119 | 8 | 7.21% | 3 | 6 | 1 | 10 | 2 | 3 | 2 |

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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Standard Occupational Classification (SOC)** | | **Employment** | | **Change** | | **Annual Separations** | | **Annual Openings** | | **Education/Training Codes** | | |
| **Code** | **Title** | **2018**  **Estimated Employment** | **2028**  **Projected Employment** | **Numeric** | **Percent** | **Exits** | **Transfers** | **Change** | **Total** | **Education** | **Work Experience** | **Job Training** |
| 19-3051 | Urban and Regional Planners | 99 | 116 | 17 | 17.17% | 2 | 8 | 2 | 12 | 2 | 3 | 6 |
| 19-3091 | Anthropologists and Archeologists | 36 | 37 | 1 | 2.78% | 1 | 3 | 0 | 4 | 2 | 3 | 6 |
| 19-3099 | Social Scientists and Related Workers, All Other | 158 | 162 | 4 | 2.53% | 5 | 13 | 0 | 18 | 3 | 3 | 6 |
| **19-4000** | **Life, Physical, and Social Science Technicians** | **3,189** | **3,443** | **254** | **7.96%** | **75** | **304** | **25** | **404** |  |  |  |
| 19-4011 | Agricultural and Food Science Technicians | 1,033 | 1,101 | 68 | 6.58% | 23 | 107 | 7 | 137 | 4 | 3 | 4 |
| 19-4021 | Biological Technicians | 218 | 230 | 12 | 5.50% | 3 | 20 | 1 | 24 | 3 | 3 | 6 |
| 19-4031 | Chemical Technicians | 650 | 698 | 48 | 7.38% | 13 | 54 | 5 | 72 | 4 | 3 | 4 |
| 19-4041 | Geological and Petroleum Technicians | 51 | 52 | 1 | 1.96% | 1 | 4 | 0 | 5 | 4 | 3 | 4 |
| 19-4061 | Social Science Research Assistants | 292 | 311 | 19 | 6.51% | 8 | 28 | 2 | 38 | 3 | 3 | 6 |
| 19-4091 | Environmental Science and Protection Technicians, Including Health | 142 | 166 | 24 | 16.90% | 4 | 14 | 2 | 20 | 4 | 3 | 6 |
| 19-4092 | Forensic Science Technicians | 161 | 194 | 33 | 20.50% | 5 | 16 | 3 | 24 | 3 | 3 | 4 |
| 19-4093 | Forest and Conservation Technicians | 268 | 287 | 19 | 7.09% | 8 | 25 | 2 | 35 | 4 | 3 | 6 |
| 19-4099 | Life, Physical, and Social Science Technicians, All Other | 374 | 404 | 30 | 8.02% | 11 | 36 | 3 | 50 | 4 | 3 | 6 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |
| **21-0000** | **COMMUNITY AND SOCIAL SERVICE OCCUPATIONS** | **29,726** | **34,124** | **4,398** | **14.80%** | **1,239** | **2,198** | **440** | **3,877** |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |
| **21-1000** | **Counselors, Social Workers, and Other Community and Social Service Specialists** | **15,780** | **18,127** | **2,347** | **14.87%** | **564** | **1,216** | **235** | **2,015** |  |  |  |
| 21-1012 | Educational, Guidance, School, and Vocational Counselors | 2,185 | 2,386 | 201 | 9.20% | 74 | 160 | 20 | 254 | 2 | 3 | 6 |
| 21-1013 | Marriage and Family Therapists | 47 | 61 | 14 | 29.79% | 2 | 4 | 1 | 7 | 2 | 3 | 2 |
| 21-1015 | Rehabilitation Counselors | 639 | 752 | 113 | 17.68% | 22 | 49 | 11 | 82 | 2 | 3 | 6 |
| 21-1018 | Substance Abuse, Behavioral Disorder, and Mental Health Counselors | 1,937 | 2,271 | 334 | 17.24% | 68 | 147 | 33 | 248 | 3 | 3 | 6 |
| 21-1019 | Counselors, All Other | 91 | 100 | 9 | 9.89% | 3 | 7 | 1 | 11 | 2 | 3 | 6 |
| 21-1021 | Child, Family, and School Social Workers | 1,627 | 1,789 | 162 | 9.96% | 50 | 116 | 16 | 182 | 3 | 3 | 6 |
| 21-1022 | Healthcare Social Workers | 1,321 | 1,538 | 217 | 16.43% | 42 | 97 | 22 | 161 | 2 | 3 | 2 |
| 21-1023 | Mental Health and Substance Abuse Social Workers | 1,126 | 1,320 | 194 | 17.23% | 36 | 83 | 19 | 138 | 2 | 3 | 2 |
| 21-1029 | Social Workers, All Other | 607 | 649 | 42 | 6.92% | 18 | 43 | 4 | 65 | 3 | 3 | 6 |
| 21-1091 | Health Educators | 241 | 273 | 32 | 13.28% | 10 | 19 | 3 | 32 | 3 | 3 | 6 |

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| **Standard Occupational Classification (SOC)** | | **Employment** | | **Change** | | **Annual Separations** | | **Annual Openings** | | **Education/Training Codes** | | |
| **Code** | **Title** | **2018**  **Estimated Employment** | **2028**  **Projected Employment** | **Numeric** | **Percent** | **Exits** | **Transfers** | **Change** | **Total** | **Education** | **Work Experience** | **Job Training** |
| 21-1092 | Probation Officers and Correctional Treatment Specialists | 1,015 | 1,114 | 99 | 9.75% | 23 | 67 | 10 | 100 | 3 | 3 | 5 |
| 21-1093 | Social and Human Service Assistants | 4,293 | 5,100 | 807 | 18.80% | 188 | 370 | 81 | 639 | 7 | 3 | 5 |
| 21-1094 | Community Health Workers | 370 | 448 | 78 | 21.08% | 15 | 31 | 8 | 54 | 7 | 3 | 5 |
| 21-1099 | Community and Social Service Specialists, All Other | 281 | 326 | 45 | 16.01% | 11 | 23 | 4 | 38 | 3 | 3 | 6 |
| **21-2000** | **Religious Workers** | **13,946** | **15,997** | **2,051** | **14.71%** | **675** | **982** | **205** | **1,862** |  |  |  |
| 21-2011 | Clergy | 12,129 | 13,915 | 1,786 | 14.73% | 570 | 840 | 179 | 1,589 | 3 | 3 | 4 |
| 21-2021 | Directors, Religious Activities and Education | 886 | 1,014 | 128 | 14.45% | 47 | 71 | 13 | 131 | 3 | 2 | 6 |
| 21-2099 | Religious Workers, All Other | 931 | 1,068 | 137 | 14.72% | 58 | 71 | 14 | 143 | 3 | 3 | 6 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |
| **23-0000** | **LEGAL OCCUPATIONS** | **7,765** | **8,620** | **855** | **11.01%** | **212** | **341** | **86** | **639** |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |
| **23-1000** | **Lawyers, Judges, and Related Workers** | **4,910** | **5,402** | **492** | **10.02%** | **110** | **137** | **49** | **296** |  |  |  |
| 23-1011 | Lawyers | 4,196 | 4,616 | 420 | 10.01% | 95 | 117 | 42 | 254 | 1 | 3 | 6 |
| 23-1021 | Administrative Law Judges, Adjudicators, and Hearing Officers | 328 | 359 | 31 | 9.45% | 7 | 9 | 3 | 19 | 1 | 1 | 5 |
| 23-1023 | Judges, Magistrate Judges, and Magistrates | 308 | 340 | 32 | 10.39% | 7 | 9 | 3 | 19 | 1 | 1 | 5 |
| **23-2000** | **Legal Support Workers** | **2,855** | **3,218** | **363** | **12.71%** | **101** | **204** | **36** | **341** |  |  |  |
| 23-2011 | Paralegals and Legal Assistants | 1,987 | 2,290 | 303 | 15.25% | 71 | 155 | 30 | 256 | 4 | 3 | 6 |
| 23-2091 | Court Reporters | 198 | 226 | 28 | 14.14% | 7 | 12 | 3 | 22 | 5 | 3 | 5 |
| 23-2093 | Title Examiners, Abstractors, and Searchers | 471 | 497 | 26 | 5.52% | 16 | 27 | 3 | 46 | 7 | 3 | 4 |
| 23-2099 | Legal Support Workers, All Other | 199 | 205 | 6 | 3.02% | 7 | 11 | 1 | 19 | 4 | 3 | 6 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |
| **25-0000** | **EDUCATION, TRAINING, AND LIBRARY OCCUPATIONS** | **76,064** | **81,929** | **5,865** | **7.71%** | **3,070** | **3,747** | **586** | **7,403** |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |
| **25-1000** | **Postsecondary Teachers** | **15,985** | **17,451** | **1,466** | **9.17%** | **615** | **767** | **147** | **1,529** |  |  |  |
| 25-1011 | Business Teachers, Postsecondary | 735 | 840 | 105 | 14.29% | 29 | 36 | 10 | 75 | 1 | 3 | 6 |
| 25-1021 | Computer Science Teachers, Postsecondary | 355 | 381 | 26 | 7.32% | 14 | 17 | 3 | 34 | 1 | 3 | 6 |
| 25-1022 | Mathematical Science Teachers, Postsecondary | 527 | 565 | 38 | 7.21% | 20 | 25 | 4 | 49 | 1 | 3 | 6 |
| 25-1032 | Engineering Teachers, Postsecondary | 293 | 325 | 32 | 10.92% | 11 | 14 | 3 | 28 | 1 | 3 | 6 |
| 25-1041 | Agricultural Sciences Teachers, Postsecondary | 484 | 505 | 21 | 4.34% | 18 | 23 | 2 | 43 | 1 | 3 | 6 |

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| **Standard Occupational Classification (SOC)** | | **Employment** | | **Change** | | **Annual Separations** | | **Annual Openings** | | **Education/Training Codes** | | |
| **Code** | **Title** | **2018**  **Estimated Employment** | **2028**  **Projected Employment** | **Numeric** | **Percent** | **Exits** | **Transfers** | **Change** | **Total** | **Education** | **Work Experience** | **Job Training** |
| 25-1042 | Biological Science Teachers, Postsecondary | 449 | 507 | 58 | 12.92% | 18 | 22 | 6 | 46 | 1 | 3 | 6 |
| 25-1051 | Atmospheric, Earth, Marine, and Space Sciences Teachers, Postsecondary | 85 | 89 | 4 | 4.71% | 3 | 4 | 0 | 7 | 1 | 3 | 6 |
| 25-1052 | Chemistry Teachers, Postsecondary | 201 | 215 | 14 | 6.97% | 8 | 10 | 1 | 19 | 1 | 3 | 6 |
| 25-1053 | Environmental Science Teachers, Postsecondary | 37 | 39 | 2 | 5.41% | 1 | 2 | 0 | 3 | 1 | 3 | 6 |
| 25-1054 | Physics Teachers, Postsecondary | 98 | 104 | 6 | 6.12% | 4 | 5 | 1 | 10 | 1 | 3 | 6 |
| 25-1061 | Anthropology and Archaeology Teachers, Postsecondary | 26 | 28 | 2 | 7.69% | 1 | 1 | 0 | 2 | 1 | 3 | 6 |
| 25-1062 | Area, Ethnic, and Cultural Studies Teachers, Postsecondary | 40 | 42 | 2 | 5.00% | 2 | 2 | 0 | 4 | 1 | 3 | 6 |
| 25-1063 | Economics Teachers, Postsecondary | 50 | 53 | 3 | 6.00% | 2 | 2 | 0 | 4 | 1 | 3 | 6 |
| 25-1065 | Political Science Teachers, Postsecondary | 80 | 85 | 5 | 6.25% | 3 | 4 | 0 | 7 | 1 | 3 | 6 |
| 25-1066 | Psychology Teachers, Postsecondary | 262 | 294 | 32 | 12.21% | 10 | 13 | 3 | 26 | 1 | 3 | 6 |
| 25-1067 | Sociology Teachers, Postsecondary | 73 | 78 | 5 | 6.85% | 3 | 4 | 0 | 7 | 1 | 3 | 6 |
| 25-1069 | Social Sciences Teachers, Postsecondary, All Other | 281 | 296 | 15 | 5.34% | 11 | 13 | 2 | 26 | 1 | 3 | 6 |
| 25-1071 | Health Specialties Teachers, Postsecondary | 1,668 | 2,062 | 394 | 23.62% | 69 | 86 | 39 | 194 | 1 | 2 | 6 |
| 25-1072 | Nursing Instructors and Teachers, Postsecondary | 727 | 897 | 170 | 23.38% | 30 | 37 | 17 | 84 | 1 | 2 | 6 |
| 25-1081 | Education Teachers, Postsecondary | 537 | 575 | 38 | 7.08% | 20 | 26 | 4 | 50 | 1 | 2 | 6 |
| 25-1082 | Library Science Teachers, Postsecondary | 36 | 38 | 2 | 5.56% | 1 | 2 | 0 | 3 | 1 | 3 | 6 |
| 25-1111 | Criminal Justice and Law Enforcement Teachers, Postsecondary | 77 | 87 | 10 | 12.99% | 3 | 4 | 1 | 8 | 1 | 3 | 6 |
| 25-1113 | Social Work Teachers, Postsecondary | 158 | 168 | 10 | 6.33% | 6 | 8 | 1 | 15 | 1 | 3 | 6 |
| 25-1121 | Art, Drama, and Music Teachers, Postsecondary | 670 | 719 | 49 | 7.31% | 26 | 32 | 5 | 63 | 2 | 3 | 6 |
| 25-1122 | Communications Teachers, Postsecondary | 296 | 314 | 18 | 6.08% | 11 | 14 | 2 | 27 | 1 | 3 | 6 |
| 25-1123 | English Language and Literature Teachers, Postsecondary | 734 | 787 | 53 | 7.22% | 28 | 35 | 5 | 68 | 1 | 3 | 6 |
| 25-1124 | Foreign Language and Literature Teachers, Postsecondary | 159 | 170 | 11 | 6.92% | 6 | 8 | 1 | 15 | 1 | 3 | 6 |
| 25-1125 | History Teachers, Postsecondary | 265 | 285 | 20 | 7.55% | 10 | 13 | 2 | 25 | 1 | 3 | 6 |
| 25-1126 | Philosophy and Religion Teachers, Postsecondary | 85 | 92 | 7 | 8.24% | 3 | 4 | 1 | 8 | 1 | 3 | 6 |
| 25-1191 | Graduate Teaching Assistants | 3,921 | 4,073 | 152 | 3.88% | 147 | 183 | 15 | 345 | 3 | 3 | 6 |
| 25-1193 | Recreation and Fitness Studies Teachers, Postsecondary | 151 | 160 | 9 | 5.96% | 6 | 7 | 1 | 14 | 1 | 3 | 6 |

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| **Standard Occupational Classification (SOC)** | | **Employment** | | **Change** | | **Annual Separations** | | **Annual Openings** | | **Education/Training Codes** | | |
| **Code** | **Title** | **2018**  **Estimated Employment** | **2028**  **Projected Employment** | **Numeric** | **Percent** | **Exits** | **Transfers** | **Change** | **Total** | **Education** | **Work Experience** | **Job Training** |
| 25-1194 | Vocational Education Teachers, Postsecondary | 1,141 | 1,218 | 77 | 6.75% | 43 | 54 | 8 | 105 | 3 | 2 | 6 |
| 25-1199 | Postsecondary Teachers, All Other | 1,101 | 1,166 | 65 | 5.90% | 42 | 52 | 6 | 100 | 1 | 3 | 6 |
| **25-2000** | **Preschool, Primary, Secondary, and Special Education School Teachers** | **38,658** | **41,333** | **2,675** | **6.92%** | **1,256** | **1,795** | **268** | **3,319** |  |  |  |
| 25-2011 | Preschool Teachers, Except Special Education | 3,539 | 4,036 | 497 | 14.04% | 150 | 230 | 50 | 430 | 4 | 3 | 6 |
| 25-2012 | Kindergarten Teachers, Except Special Education | 1,478 | 1,583 | 105 | 7.10% | 61 | 93 | 10 | 164 | 3 | 3 | 6 |
| 25-2021 | Elementary School Teachers, Except Special Education | 11,943 | 12,664 | 721 | 6.04% | 383 | 525 | 72 | 980 | 3 | 3 | 6 |
| 25-2022 | Middle School Teachers, Except Special and Career/Technical Education | 5,551 | 5,904 | 353 | 6.36% | 178 | 244 | 35 | 457 | 3 | 3 | 6 |
| 25-2031 | Secondary School Teachers, Except Special and Career/Technical Education | 10,883 | 11,550 | 667 | 6.13% | 312 | 474 | 67 | 853 | 3 | 3 | 6 |
| 25-2032 | Career/Technical Education Teachers, Secondary School | 1,278 | 1,339 | 61 | 4.77% | 36 | 55 | 6 | 97 | 3 | 2 | 6 |
| 25-2051 | Special Education Teachers, Preschool | 441 | 504 | 63 | 14.29% | 16 | 20 | 6 | 42 | 3 | 3 | 6 |
| 25-2052 | Special Education Teachers, Kindergarten and Elementary School | 1,229 | 1,300 | 71 | 5.78% | 42 | 53 | 7 | 102 | 3 | 3 | 6 |
| 25-2053 | Special Education Teachers, Middle School | 875 | 920 | 45 | 5.14% | 30 | 38 | 4 | 72 | 3 | 3 | 6 |
| 25-2054 | Special Education Teachers, Secondary School | 1,232 | 1,303 | 71 | 5.76% | 42 | 53 | 7 | 102 | 3 | 3 | 6 |
| **25-3000** | **Other Teachers and Instructors** | **5,498** | **5,944** | **446** | **8.11%** | **330** | **322** | **45** | **697** |  |  |  |
| 25-3011 | Adult Basic and Secondary Education and Literacy Teachers and Instructors | 400 | 378 | -22 | -5.50% | 22 | 22 | -2 | 42 | 3 | 3 | 6 |
| 25-3021 | Self-Enrichment Education Teachers | 1,126 | 1,250 | 124 | 11.01% | 69 | 67 | 12 | 148 | 7 | 2 | 6 |
| 25-3097 | Teachers and Instructors, All Other, Except Substitute Teachers | 1,201 | 1,302 | 101 | 8.41% | 72 | 70 | 10 | 152 | 3 | 3 | 6 |
| 25-3098 | Substitute Teachers | 2,771 | 3,014 | 243 | 8.77% | 167 | 163 | 24 | 354 | 3 | 3 | 6 |
| **25-4000** | **Librarians, Curators, and Archivists** | **2,006** | **2,115** | **109** | **5.43%** | **126** | **108** | **11** | **245** |  |  |  |
| 25-4011 | Archivists | 66 | 71 | 5 | 7.58% | 3 | 4 | 0 | 7 | 2 | 3 | 6 |
| 25-4012 | Curators | 85 | 95 | 10 | 11.76% | 4 | 6 | 1 | 11 | 2 | 3 | 6 |
| 25-4013 | Museum Technicians and Conservators | 65 | 73 | 8 | 12.31% | 3 | 4 | 1 | 8 | 3 | 3 | 6 |
| 25-4021 | Librarians | 1,294 | 1,385 | 91 | 7.03% | 72 | 61 | 9 | 142 | 2 | 3 | 6 |
| 25-4031 | Library Technicians | 496 | 491 | -5 | -1.01% | 44 | 32 | 0 | 76 | 5 | 3 | 6 |
| **25-9000** | **Other Education, Training, and Library Occupations** | **13,917** | **15,086** | **1,169** | **8.40%** | **742** | **756** | **117** | **1,615** |  |  |  |

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| **Standard Occupational Classification (SOC)** | | **Employment** | | **Change** | | **Annual Separations** | | **Annual Openings** | | **Education/Training Codes** | | |
| **Code** | **Title** | **2018**  **Estimated Employment** | **2028**  **Projected Employment** | **Numeric** | **Percent** | **Exits** | **Transfers** | **Change** | **Total** | **Education** | **Work Experience** | **Job Training** |
| 25-9011 | Audio-Visual and Multimedia Collections Specialists | 92 | 100 | 8 | 8.70% | 4 | 5 | 1 | 10 | 3 | 2 | 6 |
| 25-9021 | Farm and Home Management Advisors | 253 | 278 | 25 | 9.88% | 11 | 14 | 2 | 27 | 2 | 3 | 6 |
| 25-9031 | Instructional Coordinators | 1,838 | 1,986 | 148 | 8.05% | 80 | 98 | 15 | 193 | 2 | 1 | 6 |
| 25-9041 | Teacher Assistants | 11,610 | 12,590 | 980 | 8.44% | 642 | 633 | 98 | 1,373 | 6 | 3 | 6 |
| 25-9099 | Education, Training, and Library Workers, All Other | 124 | 132 | 8 | 6.45% | 5 | 7 | 1 | 13 | 3 | 3 | 6 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |
| **27-0000** | **ARTS, DESIGN, ENTERTAINMENT, SPORTS, AND MEDIA OCCUPATIONS** | **15,884** | **16,838** | **954** | **6.01%** | **665** | **1,150** | **95** | **1,910** |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |
| **27-1000** | **Art and Design Workers** | **5,637** | **5,979** | **342** | **6.07%** | **205** | **382** | **34** | **621** |  |  |  |
| 27-1011 | Art Directors | 326 | 341 | 15 | 4.60% | 17 | 19 | 2 | 38 | 3 | 1 | 6 |
| 27-1013 | Fine Artists, Including Painters, Sculptors, and Illustrators | 231 | 238 | 7 | 3.03% | 12 | 14 | 1 | 27 | 3 | 3 | 3 |
| 27-1014 | Multimedia Artists and Animators | 210 | 224 | 14 | 6.67% | 11 | 12 | 1 | 24 | 3 | 3 | 6 |
| 27-1021 | Commercial and Industrial Designers | 130 | 143 | 13 | 10.00% | 4 | 9 | 1 | 14 | 3 | 3 | 6 |
| 27-1022 | Fashion Designers | 50 | 55 | 5 | 10.00% | 2 | 4 | 0 | 6 | 3 | 3 | 6 |
| 27-1023 | Floral Designers | 440 | 383 | -57 | -12.95% | 13 | 28 | -6 | 35 | 7 | 3 | 4 |
| 27-1024 | Graphic Designers | 1,911 | 2,061 | 150 | 7.85% | 64 | 134 | 15 | 213 | 3 | 3 | 6 |
| 27-1025 | Interior Designers | 324 | 354 | 30 | 9.26% | 11 | 23 | 3 | 37 | 3 | 3 | 6 |
| **27-2000** | **Entertainers and Performers, Sports and Related Workers** | **5,028** | **5,407** | **379** | **7.54%** | **275** | **391** | **38** | **704** |  |  |  |
| 27-2012 | Producers and Directors | 596 | 625 | 29 | 4.87% | 13 | 47 | 3 | 63 | 3 | 2 | 6 |
| 27-2022 | Coaches and Scouts | 1,719 | 1,861 | 142 | 8.26% | 101 | 160 | 14 | 275 | 3 | 3 | 6 |
| 27-2042 | Musicians and Singers | 1,699 | 1,836 | 137 | 8.06% | 101 | 109 | 14 | 224 | 8 | 3 | 3 |
| **27-3000** | **Media and Communication Workers** | **3,595** | **3,838** | **243** | **6.76%** | **128** | **270** | **24** | **422** |  |  |  |
| 27-3011 | Radio and Television Announcers | 454 | 407 | -47 | -10.35% | 18 | 32 | -5 | 45 | 3 | 3 | 6 |
| 27-3021 | Broadcast News Analysts | 37 | 36 | -1 | -2.70% | 1 | 3 | 0 | 4 | 3 | 3 | 6 |
| 27-3022 | Reporters and Correspondents | 314 | 276 | -38 | -12.10% | 10 | 26 | -4 | 32 | 3 | 3 | 6 |
| 27-3031 | Public Relations Specialists | 1,466 | 1,713 | 247 | 16.85% | 47 | 118 | 25 | 190 | 3 | 3 | 6 |
| 27-3041 | Editors | 412 | 408 | -4 | -0.97% | 12 | 32 | 0 | 44 | 3 | 2 | 6 |
| 27-3042 | Technical Writers | 214 | 235 | 21 | 9.81% | 7 | 15 | 2 | 24 | 3 | 2 | 5 |
| 27-3043 | Writers and Authors | 346 | 357 | 11 | 3.18% | 15 | 22 | 1 | 38 | 3 | 3 | 3 |
| 27-3091 | Interpreters and Translators | 148 | 172 | 24 | 16.22% | 7 | 9 | 2 | 18 | 3 | 3 | 6 |

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| **Standard Occupational Classification (SOC)** | | **Employment** | | **Change** | | **Annual Separations** | | **Annual Openings** | | **Education/Training Codes** | | |
| **Code** | **Title** | **2018**  **Estimated Employment** | **2028**  **Projected Employment** | **Numeric** | **Percent** | **Exits** | **Transfers** | **Change** | **Total** | **Education** | **Work Experience** | **Job Training** |
| **27-4000** | **Media and Communication Equipment Workers** | **1,624** | **1,614** | **-10** | **-0.62%** | **57** | **107** | **-1** | **163** |  |  |  |
| 27-4011 | Audio and Video Equipment Technicians | 255 | 300 | 45 | 17.65% | 9 | 20 | 4 | 33 | 5 | 3 | 5 |
| 27-4021 | Photographers | 926 | 858 | -68 | -7.34% | 34 | 54 | -7 | 81 | 7 | 3 | 4 |
| 27-4031 | Camera Operators, Television, Video, and Motion Picture | 117 | 126 | 9 | 7.69% | 3 | 9 | 1 | 13 | 3 | 3 | 6 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |
| **29-0000** | **HEALTHCARE PRACTITIONERS AND TECHNICAL OCCUPATIONS** | **84,337** | **95,530** | **11,193** | **13.27%** | **2,387** | **2,830** | **1,119** | **6,336** |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |
| **29-1000** | **Health Diagnosing and Treating Practitioners** | **48,522** | **55,955** | **7,433** | **15.32%** | **1,265** | **1,278** | **743** | **3,286** |  |  |  |
| 29-1011 | Chiropractors | 372 | 406 | 34 | 9.14% | 7 | 4 | 3 | 14 | 1 | 3 | 6 |
| 29-1021 | Dentists, General | 977 | 1,080 | 103 | 10.54% | 22 | 9 | 10 | 41 | 1 | 3 | 6 |
| 29-1029 | Dentists, All Other Specialists | 39 | 41 | 2 | 5.13% | 1 | 0 | 0 | 1 | 1 | 3 | 2 |
| 29-1031 | Dietitians and Nutritionists | 549 | 615 | 66 | 12.02% | 19 | 18 | 7 | 44 | 3 | 3 | 2 |
| 29-1041 | Optometrists | 355 | 387 | 32 | 9.01% | 7 | 4 | 3 | 14 | 1 | 3 | 6 |
| 29-1051 | Pharmacists | 3,317 | 3,354 | 37 | 1.12% | 79 | 71 | 4 | 154 | 1 | 3 | 6 |
| 29-1062 | Family and General Practitioners | 1,374 | 1,595 | 221 | 16.08% | 24 | 19 | 22 | 65 | 1 | 3 | 2 |
| 29-1063 | Internists, General | 115 | 122 | 7 | 6.09% | 2 | 2 | 1 | 5 | 1 | 3 | 2 |
| 29-1064 | Obstetricians and Gynecologists | 149 | 157 | 8 | 5.37% | 2 | 2 | 1 | 5 | 1 | 3 | 2 |
| 29-1065 | Pediatricians, General | 91 | 95 | 4 | 4.40% | 2 | 1 | 0 | 3 | 1 | 3 | 2 |
| 29-1066 | Psychiatrists | 218 | 245 | 27 | 12.39% | 4 | 3 | 3 | 10 | 1 | 3 | 2 |
| 29-1067 | Surgeons | 138 | 144 | 6 | 4.35% | 2 | 2 | 1 | 5 | 1 | 3 | 2 |
| 29-1069 | Physicians and Surgeons, All Other | 3,106 | 3,445 | 339 | 10.91% | 54 | 42 | 34 | 130 | 1 | 3 | 2 |
| 29-1071 | Physician Assistants | 535 | 720 | 185 | 34.58% | 10 | 26 | 18 | 54 | 2 | 3 | 6 |
| 29-1081 | Podiatrists | 70 | 74 | 4 | 5.71% | 2 | 2 | 0 | 4 | 1 | 3 | 2 |
| 29-1122 | Occupational Therapists | 1,260 | 1,537 | 277 | 21.98% | 31 | 47 | 28 | 106 | 2 | 3 | 6 |
| 29-1123 | Physical Therapists | 2,161 | 2,666 | 505 | 23.37% | 44 | 56 | 50 | 150 | 1 | 3 | 6 |
| 29-1124 | Radiation Therapists | 247 | 283 | 36 | 14.57% | 4 | 9 | 4 | 17 | 4 | 3 | 6 |
| 29-1125 | Recreational Therapists | 64 | 67 | 3 | 4.69% | 1 | 2 | 0 | 3 | 3 | 3 | 6 |
| 29-1126 | Respiratory Therapists | 1,141 | 1,401 | 260 | 22.79% | 35 | 32 | 26 | 93 | 4 | 3 | 6 |
| 29-1127 | Speech-Language Pathologists | 2,110 | 2,902 | 792 | 37.54% | 49 | 85 | 79 | 213 | 2 | 3 | 2 |
| 29-1128 | Exercise Physiologists | 64 | 71 | 7 | 10.94% | 2 | 2 | 1 | 5 | 3 | 3 | 6 |

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| **Standard Occupational Classification (SOC)** | | **Employment** | | **Change** | | **Annual Separations** | | **Annual Openings** | | **Education/Training Codes** | | |
| **Code** | **Title** | **2018**  **Estimated Employment** | **2028**  **Projected Employment** | **Numeric** | **Percent** | **Exits** | **Transfers** | **Change** | **Total** | **Education** | **Work Experience** | **Job Training** |
| 29-1129 | Therapists, All Other | 118 | 145 | 27 | 22.88% | 3 | 4 | 3 | 10 | 3 | 3 | 6 |
| 29-1131 | Veterinarians | 652 | 760 | 108 | 16.56% | 13 | 14 | 11 | 38 | 1 | 3 | 6 |
| 29-1141 | Registered Nurses | 26,274 | 29,824 | 3,550 | 13.51% | 778 | 720 | 355 | 1,853 | 3 | 3 | 6 |
| 29-1151 | Nurse Anesthetists | 368 | 445 | 77 | 20.92% | 6 | 14 | 8 | 28 | 2 | 3 | 6 |
| 29-1171 | Nurse Practitioners | 1,966 | 2,593 | 627 | 31.89% | 45 | 77 | 63 | 185 | 2 | 3 | 6 |
| 29-1181 | Audiologists | 119 | 145 | 26 | 21.85% | 2 | 3 | 3 | 8 | 1 | 3 | 6 |
| 29-1199 | Health Diagnosing and Treating Practitioners, All Other | 268 | 300 | 32 | 11.94% | 8 | 5 | 3 | 16 | 2 | 3 | 6 |
| **29-2000** | **Health Technologists and Technicians** | **34,171** | **37,767** | **3,596** | **10.52%** | **1,083** | **1,495** | **360** | **2,938** |  |  |  |
| 29-2010 | Clinical Laboratory Technologists and Technicians | 2,386 | 2,596 | 210 | 8.80% | 69 | 88 | 21 | 178 | 3 | 3 | 6 |
| 29-2021 | Dental Hygienists | 1,395 | 1,594 | 199 | 14.27% | 62 | 38 | 20 | 120 | 4 | 3 | 6 |
| 29-2031 | Cardiovascular Technologists and Technicians | 579 | 628 | 49 | 8.46% | 15 | 18 | 5 | 38 | 4 | 3 | 6 |
| 29-2032 | Diagnostic Medical Sonographers | 595 | 723 | 128 | 21.51% | 16 | 20 | 13 | 49 | 4 | 3 | 6 |
| 29-2033 | Nuclear Medicine Technologists | 177 | 190 | 13 | 7.34% | 4 | 6 | 1 | 11 | 4 | 3 | 6 |
| 29-2034 | Radiologic Technologists | 2,510 | 2,825 | 315 | 12.55% | 66 | 81 | 32 | 179 | 4 | 3 | 6 |
| 29-2035 | Magnetic Resonance Imaging Technologists | 341 | 379 | 38 | 11.14% | 9 | 11 | 4 | 24 | 4 | 2 | 6 |
| 29-2041 | Emergency Medical Technicians and Paramedics | 2,154 | 2,373 | 219 | 10.17% | 40 | 110 | 22 | 172 | 5 | 3 | 6 |
| 29-2051 | Dietetic Technicians | 167 | 179 | 12 | 7.19% | 5 | 9 | 1 | 15 | 4 | 3 | 6 |
| 29-2052 | Pharmacy Technicians | 4,505 | 4,925 | 420 | 9.32% | 136 | 244 | 42 | 422 | 7 | 3 | 4 |
| 29-2053 | Psychiatric Technicians | 1,030 | 1,146 | 116 | 11.26% | 32 | 56 | 12 | 100 | 5 | 2 | 5 |
| 29-2054 | Respiratory Therapy Technicians | 322 | 138 | -184 | -57.14% | 7 | 12 | -18 | 1 | 4 | 3 | 6 |
| 29-2055 | Surgical Technologists | 1,117 | 1,224 | 107 | 9.58% | 34 | 60 | 11 | 105 | 5 | 3 | 6 |
| 29-2056 | Veterinary Technologists and Technicians | 331 | 388 | 57 | 17.22% | 10 | 19 | 6 | 35 | 4 | 3 | 6 |
| 29-2057 | Ophthalmic Medical Technicians | 390 | 468 | 78 | 20.00% | 12 | 22 | 8 | 42 | 5 | 3 | 6 |
| 29-2061 | Licensed Practical and Licensed Vocational Nurses | 12,405 | 13,738 | 1,333 | 10.75% | 444 | 552 | 133 | 1,129 | 5 | 3 | 6 |
| 29-2071 | Medical Records and Health Information Technicians | 1,905 | 2,146 | 241 | 12.65% | 60 | 69 | 24 | 153 | 5 | 3 | 6 |
| 29-2081 | Opticians, Dispensing | 616 | 674 | 58 | 9.42% | 25 | 26 | 6 | 57 | 7 | 3 | 3 |
| 29-2099 | Health Technologists and Technicians, All Other | 1,135 | 1,297 | 162 | 14.27% | 33 | 49 | 16 | 98 | 5 | 3 | 6 |
| **29-9000** | **Other Healthcare Practitioners and Technical Occupations** | **1,644** | **1,808** | **164** | **9.98%** | **40** | **57** | **16** | **113** |  |  |  |

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| **Standard Occupational Classification (SOC)** | | **Employment** | | **Change** | | **Annual Separations** | | **Annual Openings** | | **Education/Training Codes** | | |
| **Code** | **Title** | **2018**  **Estimated Employment** | **2028**  **Projected Employment** | **Numeric** | **Percent** | **Exits** | **Transfers** | **Change** | **Total** | **Education** | **Work Experience** | **Job Training** |
| 29-9011 | Occupational Health and Safety Specialists | 683 | 750 | 67 | 9.81% | 16 | 24 | 7 | 47 | 3 | 3 | 6 |
| 29-9012 | Occupational Health and Safety Technicians | 217 | 238 | 21 | 9.68% | 5 | 8 | 2 | 15 | 7 | 3 | 4 |
| 29-9099 | Healthcare Practitioners and Technical Workers, All Other | 604 | 648 | 44 | 7.28% | 14 | 21 | 4 | 39 | 5 | 3 | 6 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |
| **31-0000** | **HEALTHCARE SUPPORT OCCUPATIONS** | **37,232** | **43,612** | **6,380** | **17.14%** | **2,050** | **2,556** | **638** | **5,244** |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |
| **31-1000** | **Nursing, Psychiatric, and Home Health Aides** | **24,889** | **28,822** | **3,933** | **15.80%** | **1,444** | **1,566** | **393** | **3,403** |  |  |  |
| 31-1011 | Home Health Aides | 5,154 | 6,562 | 1,408 | 27.32% | 315 | 342 | 141 | 798 | 7 | 3 | 5 |
| 31-1013 | Psychiatric Aides | 357 | 421 | 64 | 17.93% | 21 | 23 | 6 | 50 | 7 | 3 | 5 |
| 31-1014 | Nursing Assistants | 18,811 | 21,228 | 2,417 | 12.85% | 1,076 | 1,167 | 242 | 2,485 | 5 | 3 | 6 |
| 31-1015 | Orderlies | 567 | 611 | 44 | 7.76% | 32 | 34 | 4 | 70 | 7 | 3 | 5 |
| **31-2000** | **Occupational Therapy and Physical Therapist Assistants and Aides** | **1,696** | **2,170** | **474** | **27.95%** | **83** | **150** | **47** | **280** |  |  |  |
| 31-2011 | Occupational Therapy Assistants | 313 | 435 | 122 | 38.98% | 16 | 24 | 12 | 52 | 4 | 3 | 6 |
| 31-2021 | Physical Therapist Assistants | 1,123 | 1,416 | 293 | 26.09% | 55 | 103 | 29 | 187 | 4 | 3 | 6 |
| **31-9000** | **Other Healthcare Support Occupations** | **10,647** | **12,620** | **1,973** | **18.53%** | **523** | **840** | **197** | **1,560** |  |  |  |
| 31-9011 | Massage Therapists | 394 | 468 | 74 | 18.78% | 27 | 23 | 7 | 57 | 5 | 3 | 6 |
| 31-9091 | Dental Assistants | 2,872 | 3,311 | 439 | 15.29% | 143 | 203 | 44 | 390 | 5 | 3 | 6 |
| 31-9092 | Medical Assistants | 3,807 | 4,785 | 978 | 25.69% | 168 | 306 | 98 | 572 | 5 | 3 | 6 |
| 31-9094 | Medical Transcriptionists | 461 | 413 | -48 | -10.41% | 26 | 34 | -5 | 55 | 5 | 3 | 6 |
| 31-9096 | Veterinary Assistants and Laboratory Animal Caretakers | 1,009 | 1,183 | 174 | 17.24% | 60 | 117 | 17 | 194 | 7 | 3 | 5 |
| 31-9097 | Phlebotomists | 954 | 1,212 | 258 | 27.04% | 40 | 74 | 26 | 140 | 5 | 3 | 6 |
| 31-9099 | Healthcare Support Workers, All Other | 598 | 688 | 90 | 15.05% | 32 | 41 | 9 | 82 | 7 | 3 | 6 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |
| **33-0000** | **PROTECTIVE SERVICE OCCUPATIONS** | **28,701** | **30,969** | **2,268** | **7.90%** | **1,146** | **1,698** | **227** | **3,071** |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |
| **33-1000** | **Supervisors of Protective Service Workers** | **4,177** | **4,595** | **418** | **10.01%** | **120** | **183** | **42** | **345** |  |  |  |
| 33-1011 | First-Line Supervisors of Correctional Officers | 534 | 538 | 4 | 0.75% | 17 | 21 | 0 | 38 | 7 | 2 | 6 |
| 33-1012 | First-Line Supervisors of Police and Detectives | 1,833 | 2,065 | 232 | 12.66% | 47 | 73 | 23 | 143 | 7 | 2 | 4 |
| 33-1021 | First-Line Supervisors of Fire Fighting and  Prevention Workers | 1,066 | 1,202 | 136 | 12.76% | 28 | 44 | 14 | 86 | 5 | 2 | 4 |

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| **Standard Occupational Classification (SOC)** | | **Employment** | | **Change** | | **Annual Separations** | | **Annual Openings** | | **Education/Training Codes** | | |
| **Code** | **Title** | **2018**  **Estimated Employment** | **2028**  **Projected Employment** | **Numeric** | **Percent** | **Exits** | **Transfers** | **Change** | **Total** | **Education** | **Work Experience** | **Job Training** |
| 33-1099 | First-Line Supervisors of Protective Service Workers, All Other | 744 | 790 | 46 | 6.18% | 28 | 45 | 5 | 78 | 7 | 2 | 6 |
| **33-2000** | **Fire Fighting and Prevention Workers** | **2,780** | **3,146** | **366** | **13.17%** | **60** | **148** | **37** | **245** |  |  |  |
| 33-2011 | Firefighters | 2,523 | 2,819 | 296 | 11.73% | 48 | 134 | 30 | 212 | 5 | 3 | 3 |
| 33-2021 | Fire Inspectors and Investigators | 39 | 43 | 4 | 10.26% | 2 | 2 | 0 | 4 | 5 | 1 | 4 |
| 33-2022 | Forest Fire Inspectors and Prevention Specialists | 218 | 284 | 66 | 30.28% | 10 | 13 | 7 | 30 | 7 | 2 | 4 |
| **33-3000** | **Law Enforcement Workers** | **13,086** | **13,918** | **832** | **6.36%** | **407** | **646** | **83** | **1,136** |  |  |  |
| 33-3012 | Correctional Officers and Jailers | 5,940 | 5,922 | -18 | -0.30% | 226 | 297 | -2 | 521 | 7 | 3 | 4 |
| 33-3021 | Detectives and Criminal Investigators | 532 | 582 | 50 | 9.40% | 12 | 24 | 5 | 41 | 7 | 2 | 4 |
| 33-3051 | Police and Sheriff's Patrol Officers | 6,316 | 7,102 | 786 | 12.44% | 161 | 310 | 79 | 550 | 7 | 3 | 4 |
| **33-9000** | **Other Protective Service Workers** | **8,658** | **9,310** | **652** | **7.53%** | **559** | **721** | **65** | **1,345** |  |  |  |
| 33-9011 | Animal Control Workers | 164 | 185 | 21 | 12.80% | 7 | 9 | 2 | 18 | 7 | 3 | 4 |
| 33-9032 | Security Guards | 6,851 | 7,337 | 486 | 7.09% | 362 | 551 | 49 | 962 | 7 | 3 | 5 |
| 33-9092 | Lifeguards, Ski Patrol, and Other Recreational Protective Service Workers | 541 | 601 | 60 | 11.09% | 75 | 63 | 6 | 144 | 8 | 3 | 5 |
| 33-9093 | Transportation Security Screeners | 160 | 163 | 3 | 1.88% | 7 | 8 | 0 | 15 | 7 | 3 | 5 |
| 33-9099 | Protective Service Workers, All Other | 650 | 697 | 47 | 7.23% | 89 | 74 | 5 | 168 | 7 | 3 | 5 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |
| **35-0000** | **FOOD PREPARATION AND SERVING RELATED OCCUPATIONS** | **110,039** | **125,858** | **15,819** | **14.38%** | **8,053** | **12,004** | **1,582** | **21,639** |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |
| **35-1000** | **Supervisors of Food Preparation and Serving Workers** | **12,936** | **14,648** | **1,712** | **13.23%** | **592** | **1,499** | **171** | **2,262** |  |  |  |
| 35-1011 | Chefs and Head Cooks | 610 | 694 | 84 | 13.77% | 20 | 66 | 8 | 94 | 7 | 1 | 6 |
| 35-1012 | First-Line Supervisors of Food Preparation and Serving Workers | 12,326 | 13,954 | 1,628 | 13.21% | 572 | 1,433 | 163 | 2,168 | 7 | 2 | 6 |
| **35-2000** | **Cooks and Food Preparation Workers** | **27,045** | **30,776** | **3,731** | **13.80%** | **1,633** | **2,610** | **373** | **4,616** |  |  |  |
| 35-2011 | Cooks, Fast Food | 4,141 | 3,946 | -195 | -4.71% | 215 | 357 | -20 | 552 | 8 | 3 | 5 |
| 35-2012 | Cooks, Institution and Cafeteria | 6,379 | 7,010 | 631 | 9.89% | 355 | 592 | 63 | 1,010 | 8 | 3 | 5 |
| 35-2014 | Cooks, Restaurant | 10,992 | 13,714 | 2,722 | 24.76% | 656 | 1,092 | 272 | 2,020 | 8 | 2 | 4 |
| 35-2015 | Cooks, Short Order | 398 | 431 | 33 | 8.29% | 22 | 37 | 3 | 62 | 8 | 3 | 5 |
| 35-2021 | Food Preparation Workers | 4,608 | 5,086 | 478 | 10.37% | 355 | 483 | 48 | 886 | 8 | 3 | 5 |
| **35-3000** | **Food and Beverage Serving Workers** | **61,884** | **71,453** | **9,569** | **15.46%** | **5,077** | **7,080** | **957** | **13,114** |  |  |  |
| 35-3011 | Bartenders | 2,022 | 2,251 | 229 | 11.33% | 100 | 276 | 23 | 399 | 8 | 3 | 5 |

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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Standard Occupational Classification (SOC)** | | **Employment** | | **Change** | | **Annual Separations** | | **Annual Openings** | | **Education/Training Codes** | | |
| **Code** | **Title** | **2018**  **Estimated Employment** | **2028**  **Projected Employment** | **Numeric** | **Percent** | **Exits** | **Transfers** | **Change** | **Total** | **Education** | **Work Experience** | **Job Training** |
| 35-3021 | Combined Food Preparation and Serving Workers, Including Fast Food | 38,419 | 45,927 | 7,508 | 19.54% | 3,362 | 4,147 | 751 | 8,260 | 8 | 3 | 5 |
| 35-3022 | Counter Attendants, Cafeteria, Food  Concession, and Coffee Shop | 1,278 | 1,363 | 85 | 6.65% | 149 | 138 | 8 | 295 | 8 | 3 | 5 |
| 35-3031 | Waiters and Waitresses | 18,758 | 20,342 | 1,584 | 8.44% | 1,357 | 2,396 | 158 | 3,911 | 8 | 3 | 5 |
| 35-3041 | Food Servers, Nonrestaurant | 1,407 | 1,570 | 163 | 11.58% | 110 | 123 | 16 | 249 | 8 | 3 | 5 |
| **35-9000** | **Other Food Preparation and Serving Related Workers** | **8,174** | **8,981** | **807** | **9.87%** | **751** | **815** | **81** | **1,647** |  |  |  |
| 35-9021 | Dishwashers | 3,454 | 3,620 | 166 | 4.81% | 263 | 298 | 17 | 578 | 8 | 3 | 5 |
| 35-9031 | Hosts and Hostesses, Restaurant, Lounge, and Coffee Shop | 2,306 | 2,615 | 309 | 13.40% | 275 | 289 | 31 | 595 | 8 | 3 | 5 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |
| **37-0000** | **BUILDING AND GROUNDS CLEANING AND MAINTENANCE OCCUPATIONS** | **47,014** | **51,452** | **4,438** | **9.44%** | **2,767** | **3,621** | **444** | **6,832** |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |
| **37-1000** | **Supervisors of Building and Grounds Cleaning and Maintenance Workers** | **5,419** | **6,040** | **621** | **11.46%** | **217** | **418** | **62** | **697** |  |  |  |
| 37-1011 | First-Line Supervisors of Housekeeping and Janitorial Workers | 2,416 | 2,678 | 262 | 10.84% | 107 | 182 | 26 | 315 | 7 | 2 | 6 |
| 37-1012 | First-Line Supervisors of Landscaping, Lawn Service, and Groundskeeping Workers | 3,003 | 3,362 | 359 | 11.95% | 110 | 237 | 36 | 383 | 7 | 2 | 6 |
| **37-2000** | **Building Cleaning and Pest Control Workers** | **32,561** | **35,330** | **2,769** | **8.50%** | **2,159** | **2,356** | **277** | **4,792** |  |  |  |
| 37-2011 | Janitors and Cleaners, Except Maids and Housekeeping Cleaners | 18,854 | 20,726 | 1,872 | 9.93% | 1,210 | 1,396 | 187 | 2,793 | 8 | 3 | 5 |
| 37-2012 | Maids and Housekeeping Cleaners | 12,309 | 13,065 | 756 | 6.14% | 898 | 811 | 76 | 1,785 | 8 | 3 | 5 |
| **37-3000** | **Grounds Maintenance Workers** | **9,034** | **10,082** | **1,048** | **11.60%** | **391** | **846** | **105** | **1,342** |  |  |  |
| 37-3011 | Landscaping and Groundskeeping Workers | 8,148 | 9,099 | 951 | 11.67% | 353 | 764 | 95 | 1,212 | 8 | 3 | 5 |
| 37-3012 | Pesticide Handlers, Sprayers, and Applicators, Vegetation | 414 | 452 | 38 | 9.18% | 18 | 38 | 4 | 60 | 7 | 3 | 4 |
| 37-3013 | Tree Trimmers and Pruners | 335 | 378 | 43 | 12.84% | 15 | 32 | 4 | 51 | 7 | 3 | 5 |
| 37-3019 | Grounds Maintenance Workers, All Other | 137 | 153 | 16 | 11.68% | 6 | 13 | 2 | 21 | 8 | 3 | 5 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |
| **39-0000** | **PERSONAL CARE AND SERVICE OCCUPATIONS** | **48,999** | **58,641** | **9,642** | **19.68%** | **3,832** | **4,078** | **964** | **8,874** |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |
| **39-1000** | **Supervisors of Personal Care and Service Workers** | **2,039** | **2,326** | **287** | **14.08%** | **88** | **128** | **29** | **245** |  |  |  |

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| **Standard Occupational Classification (SOC)** | | **Employment** | | **Change** | | **Annual Separations** | | **Annual Openings** | | **Education/Training Codes** | | |
| **Code** | **Title** | **2018**  **Estimated Employment** | **2028**  **Projected Employment** | **Numeric** | **Percent** | **Exits** | **Transfers** | **Change** | **Total** | **Education** | **Work Experience** | **Job Training** |
| **39-2000** | **Animal Care and Service Workers** | **3,813** | **4,382** | **569** | **14.92%** | **272** | **376** | **57** | **705** |  |  |  |
| 39-2011 | Animal Trainers | 875 | 976 | 101 | 11.54% | 52 | 83 | 10 | 145 | 7 | 3 | 4 |
| 39-2021 | Nonfarm Animal Caretakers | 2,938 | 3,406 | 468 | 15.93% | 220 | 293 | 47 | 560 | 7 | 3 | 5 |
| **39-3000** | **Entertainment Attendants and Related Workers** | **2,644** | **2,970** | **326** | **12.33%** | **307** | **334** | **33** | **674** |  |  |  |
| 39-3031 | Ushers, Lobby Attendants, and Ticket Takers | 686 | 726 | 40 | 5.83% | 92 | 80 | 4 | 176 | 8 | 3 | 5 |
| 39-3091 | Amusement and Recreation Attendants | 1,709 | 1,839 | 130 | 7.61% | 189 | 220 | 13 | 422 | 8 | 3 | 5 |
| 39-3093 | Locker Room, Coatroom, and Dressing Room Attendants | 88 | 95 | 7 | 7.95% | 10 | 11 | 1 | 22 | 7 | 3 | 5 |
| **39-4000** | **Funeral Service Workers** | **929** | **942** | **13** | **1.40%** | **68** | **63** | **1** | **132** |  |  |  |
| 39-4011 | Embalmers | 143 | 140 | -3 | -2.10% | 13 | 9 | 0 | 22 | 4 | 3 | 3 |
| 39-4021 | Funeral Attendants | 333 | 340 | 7 | 2.10% | 32 | 22 | 1 | 55 | 7 | 3 | 5 |
| 39-4031 | Morticians, Undertakers, and Funeral Directors | 453 | 462 | 9 | 1.99% | 23 | 31 | 1 | 55 | 4 | 3 | 3 |
| **39-5000** | **Personal Appearance Workers** | **4,085** | **4,329** | **244** | **5.97%** | **249** | **264** | **24** | **537** |  |  |  |
| 39-5012 | Hairdressers, Hairstylists, and Cosmetologists | 3,155 | 3,332 | 177 | 5.61% | 197 | 207 | 18 | 422 | 5 | 3 | 6 |
| 39-5092 | Manicurists and Pedicurists | 244 | 259 | 15 | 6.15% | 14 | 15 | 2 | 31 | 5 | 3 | 6 |
| 39-5094 | Skincare Specialists | 305 | 328 | 23 | 7.54% | 18 | 18 | 2 | 38 | 5 | 3 | 6 |
| **39-6000** | **Baggage Porters, Bellhops, and Concierges** | **155** | **169** | **14** | **9.03%** | **8** | **15** | **1** | **24** |  |  |  |
| **39-7000** | **Tour and Travel Guides** | **319** | **346** | **27** | **8.46%** | **26** | **33** | **3** | **62** |  |  |  |
| 39-7010 | Tour and Travel Guides | 319 | 346 | 27 | 8.46% | 26 | 33 | 3 | 62 | 7 | 3 | 4 |
| **39-9000** | **Other Personal Care and Service Workers** | **35,015** | **43,177** | **8,162** | **23.31%** | **2,814** | **2,865** | **816** | **6,495** |  |  |  |
| 39-9011 | Childcare Workers | 11,462 | 12,729 | 1,267 | 11.05% | 894 | 910 | 127 | 1,931 | 7 | 3 | 5 |
| 39-9021 | Personal Care Aides | 18,712 | 25,047 | 6,335 | 33.86% | 1,617 | 1,433 | 634 | 3,684 | 7 | 3 | 5 |
| 39-9031 | Fitness Trainers and Aerobics Instructors | 1,414 | 1,579 | 165 | 11.67% | 89 | 159 | 16 | 264 | 7 | 3 | 5 |
| 39-9032 | Recreation Workers | 2,007 | 2,213 | 206 | 10.26% | 126 | 225 | 21 | 372 | 7 | 3 | 5 |
| 39-9041 | Residential Advisors | 821 | 913 | 92 | 11.21% | 48 | 84 | 9 | 141 | 7 | 3 | 5 |
| 39-9099 | Personal Care and Service Workers, All Other | 599 | 696 | 97 | 16.19% | 40 | 54 | 10 | 104 | 7 | 3 | 5 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |
| **41-0000** | **SALES AND RELATED OCCUPATIONS** | **146,592** | **154,196** | **7,604** | **5.19%** | **8,023** | **12,460** | **760** | **21,243** |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |
| **41-1000** | **Supervisors of Sales Workers** | **21,155** | **21,730** | **575** | **2.72%** | **732** | **1,564** | **58** | **2,354** |  |  |  |
| 41-1011 | First-Line Supervisors of Retail Sales Workers | 16,948 | 17,394 | 446 | 2.63% | 593 | 1,294 | 45 | 1,932 | 7 | 2 | 6 |

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| **Standard Occupational Classification (SOC)** | | **Employment** | | **Change** | | **Annual Separations** | | **Annual Openings** | | **Education/Training Codes** | | |
| **Code** | **Title** | **2018**  **Estimated Employment** | **2028**  **Projected Employment** | **Numeric** | **Percent** | **Exits** | **Transfers** | **Change** | **Total** | **Education** | **Work Experience** | **Job Training** |
| 41-1012 | First-Line Supervisors of Non-Retail Sales Workers | 4,207 | 4,336 | 129 | 3.07% | 138 | 270 | 13 | 421 | 7 | 2 | 6 |
| **41-2000** | **Retail Sales Workers** | **79,279** | **81,625** | **2,346** | **2.96%** | **5,535** | **7,386** | **235** | **13,156** |  |  |  |
| 41-2011 | Cashiers | 31,677 | 31,472 | -205 | -0.65% | 2,818 | 3,138 | -20 | 5,936 | 8 | 3 | 5 |
| 41-2031 | Retail Salespersons | 39,654 | 41,652 | 1,998 | 5.04% | 2,336 | 3,602 | 200 | 6,138 | 8 | 3 | 5 |
| **41-3000** | **Sales Representatives, Services** | **22,887** | **26,328** | **3,441** | **15.03%** | **853** | **1,718** | **344** | **2,915** |  |  |  |
| 41-3011 | Advertising Sales Agents | 1,069 | 1,054 | -15 | -1.40% | 34 | 110 | -2 | 142 | 7 | 3 | 4 |
| 41-3021 | Insurance Sales Agents | 15,695 | 18,622 | 2,927 | 18.65% | 632 | 1,036 | 293 | 1,961 | 7 | 3 | 4 |
| 41-3031 | Securities, Commodities, and Financial Services Sales Agents | 1,534 | 1,657 | 123 | 8.02% | 41 | 110 | 12 | 163 | 3 | 3 | 4 |
| 41-3041 | Travel Agents | 188 | 155 | -33 | -17.55% | 10 | 13 | -3 | 20 | 7 | 3 | 4 |
| 41-3099 | Sales Representatives, Services, All Other | 4,401 | 4,840 | 439 | 9.98% | 136 | 449 | 44 | 629 | 7 | 3 | 4 |
| **41-4000** | **Sales Representatives, Wholesale and Manufacturing** | **16,029** | **17,104** | **1,075** | **6.71%** | **504** | **1,234** | **108** | **1,846** |  |  |  |
| 41-4011 | Sales Representatives, Wholesale and Manufacturing, Technical and Scientific  Products | 2,776 | 3,016 | 240 | 8.65% | 88 | 216 | 24 | 328 | 3 | 3 | 4 |
| 41-4012 | Sales Representatives, Wholesale and Manufacturing, Except Technical and Scientific Products | 13,253 | 14,088 | 835 | 6.30% | 416 | 1,018 | 84 | 1,518 | 7 | 3 | 4 |
| **41-9000** | **Other Sales and Related Workers** | **7,242** | **7,409** | **167** | **2.31%** | **399** | **559** | **17** | **975** |  |  |  |
| 41-9021 | Real Estate Brokers | 597 | 660 | 63 | 10.55% | 28 | 31 | 6 | 65 | 7 | 2 | 6 |
| 41-9022 | Real Estate Sales Agents | 1,966 | 2,175 | 209 | 10.63% | 94 | 103 | 21 | 218 | 7 | 3 | 4 |
| 41-9031 | Sales Engineers | 201 | 212 | 11 | 5.47% | 5 | 18 | 1 | 24 | 3 | 3 | 4 |
| 41-9041 | Telemarketers | 2,380 | 2,125 | -255 | -10.71% | 108 | 245 | -26 | 327 | 8 | 3 | 5 |
| 41-9091 | Door-to-Door Sales Workers, News and Street Vendors, and Related Workers | 304 | 288 | -16 | -5.26% | 20 | 17 | -2 | 35 | 8 | 3 | 5 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |
| **43-0000** | **OFFICE AND ADMINISTRATIVE SUPPORT OCCUPATIONS** | **180,742** | **184,668** | **3,926** | **2.17%** | **8,912** | **12,542** | **393** | **21,847** |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |
| **43-1000** | **Supervisors of Office and Administrative Support Workers** | **15,264** | **15,765** | **501** | **3.28%** | **582** | **1,044** | **50** | **1,676** |  |  |  |
| 43-1011 | First-Line Supervisors of Office and Administrative Support Workers | 15,264 | 15,765 | 501 | 3.28% | 582 | 1,044 | 50 | 1,676 | 7 | 2 | 6 |
| **43-2000** | **Communications Equipment Operators** | **592** | **474** | **-118** | **-19.93%** | **30** | **36** | **-12** | **54** |  |  |  |
| 43-2011 | Switchboard Operators, Including Answering Service | 549 | 437 | -112 | -20.40% | 28 | 33 | -11 | 50 | 7 | 3 | 5 |

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| **Standard Occupational Classification (SOC)** | | **Employment** | | **Change** | | **Annual Separations** | | **Annual Openings** | | **Education/Training Codes** | | |
| **Code** | **Title** | **2018**  **Estimated Employment** | **2028**  **Projected Employment** | **Numeric** | **Percent** | **Exits** | **Transfers** | **Change** | **Total** | **Education** | **Work Experience** | **Job Training** |
| **43-3000** | **Financial Clerks** | **26,956** | **27,293** | **337** | **1.25%** | **1,418** | **1,712** | **34** | **3,164** |  |  |  |
| 43-3011 | Bill and Account Collectors | 1,574 | 1,560 | -14 | -0.89% | 61 | 126 | -1 | 186 | 7 | 3 | 4 |
| 43-3021 | Billing and Posting Clerks | 4,272 | 4,916 | 644 | 15.07% | 189 | 310 | 64 | 563 | 7 | 3 | 4 |
| 43-3031 | Bookkeeping, Accounting, and Auditing Clerks | 13,457 | 13,607 | 150 | 1.11% | 823 | 753 | 15 | 1,591 | 6 | 3 | 4 |
| 43-3051 | Payroll and Timekeeping Clerks | 1,086 | 1,102 | 16 | 1.47% | 52 | 69 | 2 | 123 | 7 | 3 | 4 |
| 43-3061 | Procurement Clerks | 880 | 869 | -11 | -1.25% | 30 | 61 | -1 | 90 | 7 | 3 | 4 |
| 43-3071 | Tellers | 5,312 | 4,821 | -491 | -9.24% | 248 | 362 | -49 | 561 | 7 | 3 | 5 |
| **43-4000** | **Information and Record Clerks** | **41,249** | **43,651** | **2,402** | **5.82%** | **2,122** | **3,345** | **240** | **5,707** |  |  |  |
| 43-4011 | Brokerage Clerks | 138 | 149 | 11 | 7.97% | 7 | 8 | 1 | 16 | 7 | 3 | 4 |
| 43-4021 | Correspondence Clerks | 28 | 28 | 0 | 0.00% | 1 | 2 | 0 | 3 | 7 | 3 | 5 |
| 43-4031 | Court, Municipal, and License Clerks | 1,060 | 1,193 | 133 | 12.55% | 51 | 54 | 13 | 118 | 7 | 3 | 3 |
| 43-4041 | Credit Authorizers, Checkers, and Clerks | 87 | 85 | -2 | -2.30% | 3 | 6 | 0 | 9 | 7 | 3 | 4 |
| 43-4051 | Customer Service Representatives | 16,532 | 17,127 | 595 | 3.60% | 808 | 1,435 | 60 | 2,303 | 7 | 3 | 5 |
| 43-4061 | Eligibility Interviewers, Government Programs | 1,876 | 2,047 | 171 | 9.12% | 76 | 111 | 17 | 204 | 7 | 3 | 4 |
| 43-4071 | File Clerks | 515 | 459 | -56 | -10.87% | 28 | 32 | -6 | 54 | 7 | 3 | 5 |
| 43-4081 | Hotel, Motel, and Resort Desk Clerks | 2,507 | 2,481 | -26 | -1.04% | 137 | 286 | -3 | 420 | 7 | 3 | 5 |
| 43-4111 | Interviewers, Except Eligibility and Loan | 2,055 | 2,161 | 106 | 5.16% | 107 | 152 | 11 | 270 | 7 | 3 | 5 |
| 43-4121 | Library Assistants, Clerical | 537 | 535 | -2 | -0.37% | 43 | 38 | 0 | 81 | 7 | 3 | 5 |
| 43-4131 | Loan Interviewers and Clerks | 2,339 | 2,663 | 324 | 13.85% | 93 | 160 | 32 | 285 | 7 | 3 | 5 |
| 43-4141 | New Accounts Clerks | 479 | 461 | -18 | -3.76% | 20 | 35 | -2 | 53 | 7 | 3 | 4 |
| 43-4151 | Order Clerks | 684 | 679 | -5 | -0.73% | 29 | 50 | 0 | 79 | 6 | 3 | 5 |
| 43-4161 | Human Resources Assistants, Except Payroll and Timekeeping | 891 | 888 | -3 | -0.34% | 32 | 68 | 0 | 100 | 4 | 3 | 6 |
| 43-4171 | Receptionists and Information Clerks | 10,030 | 11,108 | 1,078 | 10.75% | 615 | 804 | 108 | 1,527 | 7 | 3 | 5 |
| 43-4181 | Reservation and Transportation Ticket Agents and Travel Clerks | 230 | 242 | 12 | 5.22% | 10 | 17 | 1 | 28 | 7 | 3 | 5 |
| 43-4199 | Information and Record Clerks, All Other | 1,261 | 1,345 | 84 | 6.66% | 63 | 88 | 8 | 159 | 7 | 3 | 5 |
| **43-5000** | **Material Recording, Scheduling, Dispatching, and Distributing Workers** | **37,568** | **39,183** | **1,615** | **4.30%** | **1,669** | **2,698** | **162** | **4,529** |  |  |  |
| 43-5011 | Cargo and Freight Agents | 926 | 1,070 | 144 | 15.55% | 36 | 59 | 14 | 109 | 7 | 3 | 5 |
| 43-5021 | Couriers and Messengers | 549 | 596 | 47 | 8.56% | 23 | 32 | 5 | 60 | 7 | 3 | 5 |
| 43-5031 | Police, Fire, and Ambulance Dispatchers | 1,026 | 1,154 | 128 | 12.48% | 38 | 65 | 13 | 116 | 7 | 3 | 4 |
| 43-5032 | Dispatchers, Except Police, Fire, and Ambulance | 1,794 | 1,895 | 101 | 5.63% | 65 | 110 | 10 | 185 | 7 | 3 | 4 |

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| **Standard Occupational Classification (SOC)** | | **Employment** | | **Change** | | **Annual Separations** | | **Annual Openings** | | **Education/Training Codes** | | |
| **Code** | **Title** | **2018**  **Estimated Employment** | **2028**  **Projected Employment** | **Numeric** | **Percent** | **Exits** | **Transfers** | **Change** | **Total** | **Education** | **Work Experience** | **Job Training** |
| 43-5041 | Meter Readers, Utilities | 741 | 675 | -66 | -8.91% | 30 | 40 | -7 | 63 | 7 | 3 | 5 |
| 43-5051 | Postal Service Clerks | 1,043 | 992 | -51 | -4.89% | 42 | 35 | -5 | 72 | 7 | 3 | 5 |
| 43-5052 | Postal Service Mail Carriers | 3,246 | 3,088 | -158 | -4.87% | 116 | 120 | -16 | 220 | 7 | 3 | 5 |
| 43-5053 | Postal Service Mail Sorters, Processors, and Processing Machine Operators | 517 | 468 | -49 | -9.48% | 23 | 18 | -5 | 36 | 7 | 3 | 5 |
| 43-5061 | Production, Planning, and Expediting Clerks | 3,392 | 3,691 | 299 | 8.81% | 117 | 252 | 30 | 399 | 7 | 3 | 4 |
| 43-5071 | Shipping, Receiving, and Traffic Clerks | 4,434 | 4,547 | 113 | 2.55% | 150 | 296 | 11 | 457 | 7 | 3 | 5 |
| 43-5081 | Stock Clerks and Order Fillers | 18,917 | 19,904 | 987 | 5.22% | 982 | 1,601 | 99 | 2,682 | 7 | 3 | 5 |
| 43-5111 | Weighers, Measurers, Checkers, and Samplers, Recordkeeping | 983 | 1,103 | 120 | 12.21% | 48 | 71 | 12 | 131 | 7 | 3 | 5 |
| **43-6000** | **Secretaries and Administrative Assistants** | **24,161** | **23,271** | **-890** | **-3.68%** | **1,216** | **1,439** | **-89** | **2,566** |  |  |  |
| 43-6011 | Executive Secretaries and Executive Administrative Assistants | 2,549 | 2,161 | -388 | -15.22% | 121 | 143 | -39 | 225 | 7 | 2 | 6 |
| 43-6012 | Legal Secretaries | 1,135 | 946 | -189 | -16.65% | 53 | 63 | -19 | 97 | 7 | 3 | 4 |
| 43-6013 | Medical Secretaries | 3,538 | 4,137 | 599 | 16.93% | 197 | 233 | 60 | 490 | 7 | 3 | 4 |
| 43-6014 | Secretaries and Administrative Assistants, Except Legal, Medical, and Executive | 16,939 | 16,027 | -912 | -5.38% | 845 | 1,000 | -91 | 1,754 | 7 | 3 | 5 |
| **43-9000** | **Other Office and Administrative Support Workers** | **34,952** | **35,031** | **79** | **0.23%** | **1,875** | **2,268** | **8** | **4,151** |  |  |  |
| 43-9011 | Computer Operators | 306 | 244 | -62 | -20.26% | 13 | 20 | -6 | 27 | 7 | 3 | 4 |
| 43-9021 | Data Entry Keyers | 1,308 | 1,052 | -256 | -19.57% | 53 | 83 | -26 | 110 | 7 | 3 | 5 |
| 43-9022 | Word Processors and Typists | 185 | 138 | -47 | -25.41% | 10 | 10 | -5 | 15 | 7 | 3 | 5 |
| 43-9041 | Insurance Claims and Policy Processing Clerks | 1,404 | 1,588 | 184 | 13.11% | 55 | 94 | 18 | 167 | 7 | 3 | 4 |
| 43-9051 | Mail Clerks and Mail Machine Operators, Except Postal Service | 494 | 483 | -11 | -2.23% | 24 | 31 | -1 | 54 | 7 | 3 | 5 |
| 43-9061 | Office Clerks, General | 28,522 | 28,521 | -1 | 0.00% | 1,594 | 1,819 | 0 | 3,413 | 7 | 3 | 5 |
| 43-9071 | Office Machine Operators, Except Computer | 265 | 256 | -9 | -3.40% | 16 | 18 | -1 | 33 | 7 | 3 | 5 |
| 43-9081 | Proofreaders and Copy Markers | 29 | 30 | 1 | 3.45% | 2 | 2 | 0 | 4 | 3 | 3 | 6 |
| 43-9111 | Statistical Assistants | 28 | 33 | 5 | 17.86% | 1 | 2 | 0 | 3 | 3 | 3 | 6 |
| 43-9199 | Office and Administrative Support Workers, All Other | 2,391 | 2,667 | 276 | 11.54% | 106 | 188 | 28 | 322 | 7 | 3 | 5 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |
| **45-0000** | **FARMING, FISHING, AND FORESTRY OCCUPATIONS** | **17,544** | **17,828** | **284** | **1.62%** | **699** | **2,132** | **28** | **2,859** |  |  |  |
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| **Standard Occupational Classification (SOC)** | | **Employment** | | **Change** | | **Annual Separations** | | **Annual Openings** | | **Education/Training Codes** | | |
| **Code** | **Title** | **2018**  **Estimated Employment** | **2028**  **Projected Employment** | **Numeric** | **Percent** | **Exits** | **Transfers** | **Change** | **Total** | **Education** | **Work Experience** | **Job Training** |
| **45-1000** | **Supervisors of Farming, Fishing, and Forestry Workers** | **952** | **955** | **3** | **0.32%** | **35** | **106** | **0** | **141** |  |  |  |
| 45-1011 | First-Line Supervisors of Farming, Fishing,  and Forestry Workers | 952 | 955 | 3 | 0.32% | 35 | 106 | 0 | 141 | 7 | 2 | 6 |
| **45-2000** | **Agricultural Workers** | **13,466** | **14,061** | **595** | **4.42%** | **548** | **1,662** | **60** | **2,270** |  |  |  |
| 45-2011 | Agricultural Inspectors | 437 | 459 | 22 | 5.03% | 19 | 46 | 2 | 67 | 3 | 3 | 4 |
| 45-2041 | Graders and Sorters, Agricultural Products | 1,696 | 1,691 | -5 | -0.29% | 68 | 180 | 0 | 248 | 8 | 3 | 5 |
| 45-2091 | Agricultural Equipment Operators | 1,080 | 1,215 | 135 | 12.50% | 46 | 142 | 14 | 202 | 8 | 3 | 4 |
| 45-2092 | Farmworkers and Laborers, Crop, Nursery, and Greenhouse | 5,502 | 5,743 | 241 | 4.38% | 223 | 695 | 24 | 942 | 8 | 3 | 5 |
| 45-2093 | Farmworkers, Farm, Ranch, and Aquacultural Animals | 4,030 | 4,143 | 113 | 2.80% | 162 | 505 | 11 | 678 | 8 | 3 | 5 |
| **45-4000** | **Forest, Conservation, and Logging Workers** | **3,126** | **2,812** | **-314** | **-10.04%** | **116** | **363** | **-31** | **448** |  |  |  |
| 45-4011 | Forest and Conservation Workers | 252 | 248 | -4 | -1.59% | 9 | 35 | 0 | 44 | 7 | 3 | 4 |
| 45-4021 | Fallers | 130 | 102 | -28 | -21.54% | 5 | 14 | -3 | 16 | 7 | 3 | 4 |
| 45-4022 | Logging Equipment Operators | 1,769 | 1,583 | -186 | -10.51% | 66 | 202 | -19 | 249 | 7 | 3 | 4 |
| 45-4023 | Log Graders and Scalers | 274 | 259 | -15 | -5.47% | 10 | 32 | -2 | 40 | 7 | 3 | 4 |
| 45-4029 | Logging Workers, All Other | 701 | 620 | -81 | -11.55% | 26 | 80 | -8 | 98 | 7 | 3 | 4 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |
| **47-0000** | **CONSTRUCTION AND EXTRACTION OCCUPATIONS** | **52,141** | **57,820** | **5,679** | **10.89%** | **1,791** | **4,351** | **568** | **6,710** |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |
| **47-1000** | **Supervisors of Construction and Extraction Workers** | **5,333** | **5,911** | **578** | **10.84%** | **168** | **417** | **58** | **643** |  |  |  |
| 47-1011 | First-Line Supervisors of Construction Trades and Extraction Workers | 5,333 | 5,911 | 578 | 10.84% | 168 | 417 | 58 | 643 | 7 | 1 | 6 |
| **47-2000** | **Construction Trades Workers** | **37,568** | **41,756** | **4,188** | **11.15%** | **1,254** | **3,112** | **419** | **4,785** |  |  |  |
| 47-2011 | Boilermakers | 201 | 221 | 20 | 9.95% | 6 | 16 | 2 | 24 | 7 | 3 | 1 |
| 47-2021 | Brickmasons and Blockmasons | 623 | 692 | 69 | 11.08% | 19 | 47 | 7 | 73 | 7 | 3 | 1 |
| 47-2031 | Carpenters | 5,793 | 6,326 | 533 | 9.20% | 190 | 438 | 53 | 681 | 7 | 3 | 1 |
| 47-2041 | Carpet Installers | 155 | 157 | 2 | 1.29% | 4 | 11 | 0 | 15 | 8 | 3 | 5 |
| 47-2043 | Floor Sanders and Finishers | 226 | 252 | 26 | 11.50% | 7 | 16 | 3 | 26 | 8 | 3 | 4 |
| 47-2044 | Tile and Marble Setters | 266 | 311 | 45 | 16.92% | 8 | 20 | 4 | 32 | 8 | 3 | 3 |
| 47-2051 | Cement Masons and Concrete Finishers | 1,778 | 1,986 | 208 | 11.70% | 55 | 142 | 21 | 218 | 8 | 3 | 4 |
| 47-2061 | Construction Laborers | 7,346 | 8,147 | 801 | 10.90% | 259 | 602 | 80 | 941 | 8 | 3 | 5 |

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| **Standard Occupational Classification (SOC)** | | **Employment** | | **Change** | | **Annual Separations** | | **Annual Openings** | | **Education/Training Codes** | | |
| **Code** | **Title** | **2018**  **Estimated Employment** | **2028**  **Projected Employment** | **Numeric** | **Percent** | **Exits** | **Transfers** | **Change** | **Total** | **Education** | **Work Experience** | **Job Training** |
| 47-2071 | Paving, Surfacing, and Tamping Equipment Operators | 1,082 | 1,222 | 140 | 12.94% | 52 | 92 | 14 | 158 | 7 | 3 | 4 |
| 47-2073 | Operating Engineers and Other Construction  Equipment Operators | 3,684 | 4,063 | 379 | 10.29% | 132 | 315 | 38 | 485 | 7 | 3 | 4 |
| 47-2081 | Drywall and Ceiling Tile Installers | 374 | 376 | 2 | 0.53% | 11 | 26 | 0 | 37 | 8 | 3 | 4 |
| 47-2111 | Electricians | 6,215 | 6,973 | 758 | 12.20% | 203 | 562 | 76 | 841 | 7 | 3 | 1 |
| 47-2121 | Glaziers | 448 | 502 | 54 | 12.05% | 16 | 39 | 5 | 60 | 7 | 3 | 1 |
| 47-2131 | Insulation Workers, Floor, Ceiling, and Wall | 300 | 306 | 6 | 2.00% | 7 | 28 | 1 | 36 | 8 | 3 | 5 |
| 47-2132 | Insulation Workers, Mechanical | 127 | 142 | 15 | 11.81% | 3 | 12 | 2 | 17 | 7 | 3 | 1 |
| 47-2141 | Painters, Construction and Maintenance | 1,816 | 1,948 | 132 | 7.27% | 65 | 125 | 13 | 203 | 8 | 3 | 4 |
| 47-2152 | Plumbers, Pipefitters, and Steamfitters | 3,535 | 4,122 | 587 | 16.61% | 112 | 313 | 59 | 484 | 7 | 3 | 1 |
| 47-2171 | Reinforcing Iron and Rebar Workers | 129 | 143 | 14 | 10.85% | 3 | 13 | 1 | 17 | 7 | 3 | 1 |
| 47-2181 | Roofers | 894 | 1,011 | 117 | 13.09% | 24 | 74 | 12 | 110 | 8 | 3 | 4 |
| 47-2211 | Sheet Metal Workers | 1,138 | 1,242 | 104 | 9.14% | 35 | 94 | 10 | 139 | 7 | 3 | 1 |
| 47-2221 | Structural Iron and Steel Workers | 863 | 975 | 112 | 12.98% | 26 | 83 | 11 | 120 | 7 | 3 | 1 |
| **47-3000** | **Helpers, Construction Trades** | **2,136** | **2,373** | **237** | **11.10%** | **74** | **230** | **24** | **328** |  |  |  |
| 47-3011 | Helpers--Brickmasons, Blockmasons, Stonemasons, and Tile and Marble Setters | 281 | 312 | 31 | 11.03% | 10 | 30 | 3 | 43 | 8 | 3 | 5 |
| 47-3012 | Helpers--Carpenters | 296 | 333 | 37 | 12.50% | 10 | 32 | 4 | 46 | 8 | 3 | 5 |
| 47-3014 | Helpers--Painters, Paperhangers, Plasterers, and Stucco Masons | 128 | 130 | 2 | 1.56% | 4 | 13 | 0 | 17 | 8 | 3 | 5 |
| 47-3015 | Helpers--Pipelayers, Plumbers, Pipefitters, and Steamfitters | 498 | 576 | 78 | 15.66% | 18 | 55 | 8 | 81 | 7 | 3 | 5 |
| 47-3019 | Helpers, Construction Trades, All Other | 447 | 494 | 47 | 10.51% | 16 | 48 | 5 | 69 | 8 | 3 | 5 |
| **47-4000** | **Other Construction and Related Workers** | **5,431** | **6,056** | **625** | **11.51%** | **243** | **416** | **62** | **721** |  |  |  |
| 47-4011 | Construction and Building Inspectors | 1,002 | 1,101 | 99 | 9.88% | 58 | 72 | 10 | 140 | 7 | 1 | 4 |
| 47-4031 | Fence Erectors | 378 | 421 | 43 | 11.38% | 16 | 31 | 4 | 51 | 8 | 3 | 4 |
| 47-4041 | Hazardous Materials Removal Workers | 178 | 214 | 36 | 20.22% | 8 | 16 | 4 | 28 | 7 | 3 | 4 |
| 47-4051 | Highway Maintenance Workers | 3,390 | 3,780 | 390 | 11.50% | 144 | 253 | 39 | 436 | 7 | 3 | 4 |
| 47-4071 | Septic Tank Servicers and Sewer Pipe Cleaners | 142 | 175 | 33 | 23.24% | 5 | 13 | 3 | 21 | 7 | 3 | 4 |
| 47-4090 | Miscellaneous Construction and Related Workers | 191 | 207 | 16 | 8.38% | 7 | 18 | 2 | 27 | 7 | 3 | 4 |
| **47-5000** | **Extraction Workers** | **1,673** | **1,724** | **51** | **3.05%** | **53** | **176** | **5** | **234** |  |  |  |
| 47-5011 | Derrick Operators, Oil and Gas | 66 | 71 | 5 | 7.58% | 2 | 8 | 0 | 10 | 8 | 3 | 5 |
| 47-5013 | Service Unit Operators, Oil, Gas, and Mining | 541 | 543 | 2 | 0.37% | 15 | 61 | 0 | 76 | 8 | 3 | 4 |

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| **Standard Occupational Classification (SOC)** | | **Employment** | | **Change** | | **Annual Separations** | | **Annual Openings** | | **Education/Training Codes** | | |
| **Code** | **Title** | **2018**  **Estimated Employment** | **2028**  **Projected Employment** | **Numeric** | **Percent** | **Exits** | **Transfers** | **Change** | **Total** | **Education** | **Work Experience** | **Job Training** |
| 47-5021 | Earth Drillers, Except Oil and Gas | 106 | 115 | 9 | 8.49% | 4 | 11 | 1 | 16 | 7 | 3 | 4 |
| 47-5031 | Explosives Workers, Ordnance Handling Experts, and Blasters | 181 | 186 | 5 | 2.76% | 7 | 17 | 0 | 24 | 7 | 2 | 3 |
| 47-5051 | Rock Splitters, Quarry | 107 | 115 | 8 | 7.48% | 4 | 11 | 1 | 16 | 8 | 3 | 5 |
| 47-5071 | Roustabouts, Oil and Gas | 361 | 369 | 8 | 2.22% | 10 | 38 | 1 | 49 | 8 | 3 | 4 |
| 47-5081 | Helpers--Extraction Workers | 78 | 85 | 7 | 8.97% | 3 | 8 | 1 | 12 | 7 | 3 | 4 |
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| **49-0000** | **INSTALLATION, MAINTENANCE, AND REPAIR OCCUPATIONS** | **60,700** | **65,810** | **5,110** | **8.42%** | **1,969** | **4,184** | **511** | **6,664** |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |
| **49-1000** | **Supervisors of Installation, Maintenance, and Repair Workers** | **6,018** | **6,520** | **502** | **8.34%** | **196** | **379** | **50** | **625** |  |  |  |
| 49-1011 | First-Line Supervisors of Mechanics, Installers, and Repairers | 6,018 | 6,520 | 502 | 8.34% | 196 | 379 | 50 | 625 | 7 | 2 | 6 |
| **49-2000** | **Electrical and Electronic Equipment Mechanics, Installers, and Repairers** | **5,587** | **5,678** | **91** | **1.63%** | **146** | **449** | **9** | **604** |  |  |  |
| 49-2011 | Computer, Automated Teller, and Office Machine Repairers | 1,098 | 1,130 | 32 | 2.91% | 31 | 87 | 3 | 121 | 6 | 3 | 5 |
| 49-2021 | Radio, Cellular, and Tower Equipment Installers and Repairers | 25 | 27 | 2 | 8.00% | 1 | 2 | 0 | 3 | 4 | 3 | 4 |
| 49-2022 | Telecommunications Equipment Installers and Repairers, Except Line Installers | 1,840 | 1,688 | -152 | -8.26% | 49 | 145 | -15 | 179 | 5 | 3 | 4 |
| 49-2091 | Avionics Technicians | 50 | 54 | 4 | 8.00% | 1 | 2 | 0 | 3 | 4 | 3 | 6 |
| 49-2092 | Electric Motor, Power Tool, and Related Repairers | 237 | 242 | 5 | 2.11% | 9 | 16 | 0 | 25 | 7 | 2 | 4 |
| 49-2093 | Electrical and Electronics Installers and Repairers, Transportation Equipment | 266 | 297 | 31 | 11.65% | 5 | 20 | 3 | 28 | 5 | 3 | 3 |
| 49-2094 | Electrical and Electronics Repairers, Commercial and Industrial Equipment | 529 | 567 | 38 | 7.18% | 10 | 38 | 4 | 52 | 5 | 3 | 3 |
| 49-2097 | Electronic Home Entertainment Equipment Installers and Repairers | 519 | 537 | 18 | 3.47% | 13 | 45 | 2 | 60 | 5 | 3 | 5 |
| 49-2098 | Security and Fire Alarm Systems Installers | 783 | 886 | 103 | 13.15% | 24 | 76 | 10 | 110 | 7 | 3 | 4 |
| **49-3000** | **Vehicle and Mobile Equipment Mechanics, Installers, and Repairers** | **17,809** | **18,942** | **1,133** | **6.36%** | **535** | **1,250** | **113** | **1,898** |  |  |  |
| 49-3011 | Aircraft Mechanics and Service Technicians | 670 | 727 | 57 | 8.51% | 19 | 38 | 6 | 63 | 5 | 3 | 6 |
| 49-3021 | Automotive Body and Related Repairers | 1,586 | 1,734 | 148 | 9.33% | 53 | 106 | 15 | 174 | 7 | 3 | 3 |
| 49-3023 | Automotive Service Technicians and Mechanics | 6,894 | 7,169 | 275 | 3.99% | 191 | 494 | 28 | 713 | 5 | 3 | 5 |

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| **Standard Occupational Classification (SOC)** | | **Employment** | | **Change** | | **Annual Separations** | | **Annual Openings** | | **Education/Training Codes** | | |
| **Code** | **Title** | **2018**  **Estimated Employment** | **2028**  **Projected Employment** | **Numeric** | **Percent** | **Exits** | **Transfers** | **Change** | **Total** | **Education** | **Work Experience** | **Job Training** |
| 49-3031 | Bus and Truck Mechanics and Diesel Engine Specialists | 3,667 | 3,989 | 322 | 8.78% | 107 | 248 | 32 | 387 | 7 | 3 | 3 |
| 49-3041 | Farm Equipment Mechanics and Service  Technicians | 960 | 1,043 | 83 | 8.65% | 31 | 68 | 8 | 107 | 7 | 3 | 3 |
| 49-3042 | Mobile Heavy Equipment Mechanics, Except Engines | 1,276 | 1,351 | 75 | 5.88% | 41 | 90 | 8 | 139 | 7 | 3 | 3 |
| 49-3043 | Rail Car Repairers | 284 | 309 | 25 | 8.80% | 9 | 20 | 2 | 31 | 7 | 3 | 3 |
| 49-3051 | Motorboat Mechanics and Service Technicians | 198 | 220 | 22 | 11.11% | 8 | 13 | 2 | 23 | 7 | 3 | 3 |
| 49-3052 | Motorcycle Mechanics | 234 | 263 | 29 | 12.39% | 10 | 15 | 3 | 28 | 5 | 3 | 5 |
| 49-3053 | Outdoor Power Equipment and Other Small Engine Mechanics | 383 | 403 | 20 | 5.22% | 16 | 24 | 2 | 42 | 7 | 3 | 4 |
| 49-3092 | Recreational Vehicle Service Technicians | 179 | 205 | 26 | 14.53% | 6 | 15 | 3 | 24 | 7 | 3 | 3 |
| 49-3093 | Tire Repairers and Changers | 1,319 | 1,351 | 32 | 2.43% | 40 | 107 | 3 | 150 | 7 | 3 | 5 |
| **49-9000** | **Other Installation, Maintenance, and Repair Occupations** | **31,286** | **34,670** | **3,384** | **10.82%** | **1,091** | **2,107** | **338** | **3,536** |  |  |  |
| 49-9011 | Mechanical Door Repairers | 453 | 506 | 53 | 11.70% | 12 | 29 | 5 | 46 | 7 | 3 | 4 |
| 49-9012 | Control and Valve Installers and Repairers, Except Mechanical Door | 446 | 449 | 3 | 0.67% | 11 | 27 | 0 | 38 | 7 | 3 | 4 |
| 49-9021 | Heating, Air Conditioning, and Refrigeration Mechanics and Installers | 3,055 | 3,555 | 500 | 16.37% | 90 | 233 | 50 | 373 | 5 | 3 | 3 |
| 49-9031 | Home Appliance Repairers | 200 | 190 | -10 | -5.00% | 9 | 12 | -1 | 20 | 7 | 3 | 4 |
| 49-9041 | Industrial Machinery Mechanics | 6,118 | 6,993 | 875 | 14.30% | 206 | 395 | 88 | 689 | 7 | 3 | 3 |
| 49-9043 | Maintenance Workers, Machinery | 1,101 | 1,246 | 145 | 13.17% | 44 | 62 | 14 | 120 | 7 | 3 | 3 |
| 49-9044 | Millwrights | 428 | 466 | 38 | 8.88% | 12 | 26 | 4 | 42 | 7 | 3 | 1 |
| 49-9051 | Electrical Power-Line Installers and Repairers | 2,162 | 2,407 | 245 | 11.33% | 55 | 137 | 24 | 216 | 7 | 3 | 3 |
| 49-9052 | Telecommunications Line Installers and Repairers | 1,385 | 1,457 | 72 | 5.20% | 33 | 125 | 7 | 165 | 7 | 3 | 3 |
| 49-9062 | Medical Equipment Repairers | 441 | 483 | 42 | 9.52% | 20 | 29 | 4 | 53 | 4 | 3 | 4 |
| 49-9069 | Precision Instrument and Equipment Repairers, All Other | 178 | 190 | 12 | 6.74% | 8 | 11 | 1 | 20 | 7 | 3 | 3 |
| 49-9071 | Maintenance and Repair Workers, General | 12,102 | 13,234 | 1,132 | 9.35% | 444 | 784 | 113 | 1,341 | 7 | 3 | 4 |
| 49-9091 | Coin, Vending, and Amusement Machine Servicers and Repairers | 273 | 261 | -12 | -4.40% | 11 | 20 | -1 | 30 | 7 | 3 | 5 |
| 49-9094 | Locksmiths and Safe Repairers | 218 | 209 | -9 | -4.13% | 10 | 13 | -1 | 22 | 7 | 3 | 3 |
| 49-9096 | Riggers | 201 | 243 | 42 | 20.90% | 5 | 17 | 4 | 26 | 7 | 3 | 4 |
| 49-9098 | Helpers--Installation, Maintenance, and Repair Workers | 1,092 | 1,231 | 139 | 12.73% | 62 | 86 | 14 | 162 | 7 | 3 | 5 |

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| **Standard Occupational Classification (SOC)** | | **Employment** | | **Change** | | **Annual Separations** | | **Annual Openings** | | **Education/Training Codes** | | |
| **Code** | **Title** | **2018**  **Estimated Employment** | **2028**  **Projected Employment** | **Numeric** | **Percent** | **Exits** | **Transfers** | **Change** | **Total** | **Education** | **Work Experience** | **Job Training** |
| 49-9099 | Installation, Maintenance, and Repair Workers, All Other | 1,288 | 1,402 | 114 | 8.85% | 53 | 92 | 11 | 156 | 7 | 3 | 4 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |
| **51-0000** | **PRODUCTION OCCUPATIONS** | **121,842** | **125,536** | **3,694** | **3.03%** | **4,897** | **9,671** | **369** | **14,937** |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |
| **51-1000** | **Supervisors of Production Workers** | **8,968** | **9,567** | **599** | **6.68%** | **294** | **653** | **60** | **1,007** |  |  |  |
| 51-1011 | First-Line Supervisors of Production and Operating Workers | 8,968 | 9,567 | 599 | 6.68% | 294 | 653 | 60 | 1,007 | 7 | 2 | 6 |
| **51-2000** | **Assemblers and Fabricators** | **17,151** | **15,809** | **-1,342** | **-7.82%** | **657** | **1,239** | **-134** | **1,762** |  |  |  |
| 51-2021 | Coil Winders, Tapers, and Finishers | 369 | 275 | -94 | -25.47% | 14 | 23 | -9 | 28 | 7 | 3 | 4 |
| 51-2028 | Electrical, Electronic, and Electromechanical Assemblers, Except Coil Winders, Tapers, and Finishers | 1,824 | 1,803 | -21 | -1.15% | 78 | 128 | -2 | 204 | 7 | 3 | 4 |
| 51-2041 | Structural Metal Fabricators and Fitters | 1,037 | 949 | -88 | -8.49% | 24 | 80 | -9 | 95 | 7 | 3 | 4 |
| 51-2091 | Fiberglass Laminators and Fabricators | 518 | 619 | 101 | 19.50% | 23 | 43 | 10 | 76 | 7 | 3 | 4 |
| 51-2098 | Assemblers and Fabricators, All Other, Including Team Assemblers | 13,077 | 11,896 | -1,181 | -9.03% | 511 | 943 | -118 | 1,336 | 7 | 3 | 4 |
| **51-3000** | **Food Processing Workers** | **19,668** | **20,833** | **1,165** | **5.92%** | **898** | **1,613** | **116** | **2,627** |  |  |  |
| 51-3011 | Bakers | 1,057 | 1,183 | 126 | 11.92% | 65 | 88 | 13 | 166 | 8 | 3 | 3 |
| 51-3021 | Butchers and Meat Cutters | 898 | 920 | 22 | 2.45% | 37 | 75 | 2 | 114 | 8 | 3 | 3 |
| 51-3022 | Meat, Poultry, and Fish Cutters and Trimmers | 7,518 | 7,938 | 420 | 5.59% | 317 | 639 | 42 | 998 | 8 | 3 | 5 |
| 51-3023 | Slaughterers and Meat Packers | 1,669 | 1,760 | 91 | 5.45% | 70 | 142 | 9 | 221 | 8 | 3 | 5 |
| 51-3091 | Food and Tobacco Roasting, Baking, and Drying Machine Operators and Tenders | 81 | 88 | 7 | 8.64% | 5 | 7 | 1 | 13 | 8 | 3 | 4 |
| 51-3092 | Food Batchmakers | 2,139 | 2,245 | 106 | 4.96% | 132 | 193 | 11 | 336 | 7 | 3 | 4 |
| 51-3093 | Food Cooking Machine Operators and Tenders | 943 | 1,049 | 106 | 11.24% | 64 | 92 | 11 | 167 | 7 | 3 | 4 |
| 51-3099 | Food Processing Workers, All Other | 5,363 | 5,650 | 287 | 5.35% | 208 | 378 | 29 | 615 | 8 | 3 | 4 |
| **51-4000** | **Metal Workers and Plastic Workers** | **20,926** | **22,082** | **1,156** | **5.52%** | **675** | **1,662** | **116** | **2,453** |  |  |  |
| 51-4011 | Computer-Controlled Machine Tool Operators, Metal and Plastic | 1,008 | 991 | -17 | -1.69% | 29 | 74 | -2 | 101 | 7 | 3 | 4 |
| 51-4012 | Computer Numerically Controlled Machine Tool Programmers, Metal and Plastic | 97 | 118 | 21 | 21.65% | 3 | 8 | 2 | 13 | 5 | 3 | 4 |
| 51-4021 | Extruding and Drawing Machine Setters, Operators, and Tenders, Metal and Plastic | 1,360 | 1,416 | 56 | 4.12% | 39 | 134 | 6 | 179 | 7 | 3 | 4 |
| 51-4023 | Rolling Machine Setters, Operators, and Tenders, Metal and Plastic | 555 | 572 | 17 | 3.06% | 15 | 38 | 2 | 55 | 7 | 3 | 4 |

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| **Standard Occupational Classification (SOC)** | | **Employment** | | **Change** | | **Annual Separations** | | **Annual Openings** | | **Education/Training Codes** | | |
| **Code** | **Title** | **2018**  **Estimated Employment** | **2028**  **Projected Employment** | **Numeric** | **Percent** | **Exits** | **Transfers** | **Change** | **Total** | **Education** | **Work Experience** | **Job Training** |
| 51-4031 | Cutting, Punching, and Press Machine Setters, Operators, and Tenders, Metal and Plastic | 2,136 | 2,111 | -25 | -1.17% | 80 | 157 | -2 | 235 | 7 | 3 | 4 |
| 51-4032 | Drilling and Boring Machine Tool Setters, Operators, and Tenders, Metal and Plastic | 43 | 33 | -10 | -23.26% | 1 | 3 | -1 | 3 | 7 | 3 | 4 |
| 51-4033 | Grinding, Lapping, Polishing, and Buffing Machine Tool Setters, Operators, and Tenders, Metal and Plastic | 773 | 715 | -58 | -7.50% | 31 | 53 | -6 | 78 | 7 | 3 | 4 |
| 51-4034 | Lathe and Turning Machine Tool Setters, Operators, and Tenders, Metal and Plastic | 454 | 441 | -13 | -2.86% | 21 | 29 | -1 | 49 | 7 | 3 | 4 |
| 51-4041 | Machinists | 2,853 | 3,090 | 237 | 8.31% | 99 | 203 | 24 | 326 | 7 | 3 | 3 |
| 51-4051 | Metal-Refining Furnace Operators and Tenders | 341 | 395 | 54 | 15.84% | 13 | 30 | 5 | 48 | 7 | 3 | 4 |
| 51-4052 | Pourers and Casters, Metal | 79 | 93 | 14 | 17.72% | 3 | 7 | 1 | 11 | 7 | 3 | 4 |
| 51-4071 | Foundry Mold and Coremakers | 90 | 77 | -13 | -14.44% | 2 | 7 | -1 | 8 | 7 | 3 | 4 |
| 51-4072 | Molding, Coremaking, and Casting Machine Setters, Operators, and Tenders, Metal and Plastic | 1,798 | 1,787 | -11 | -0.61% | 55 | 141 | -1 | 195 | 7 | 3 | 4 |
| 51-4081 | Multiple Machine Tool Setters, Operators, and Tenders, Metal and Plastic | 1,294 | 1,427 | 133 | 10.28% | 47 | 95 | 13 | 155 | 7 | 3 | 4 |
| 51-4111 | Tool and Die Makers | 559 | 564 | 5 | 0.89% | 21 | 35 | 0 | 56 | 5 | 3 | 3 |
| 51-4121 | Welders, Cutters, Solderers, and Brazers | 5,845 | 6,627 | 782 | 13.38% | 160 | 524 | 78 | 762 | 7 | 3 | 4 |
| 51-4122 | Welding, Soldering, and Brazing Machine Setters, Operators, and Tenders | 664 | 656 | -8 | -1.20% | 17 | 55 | -1 | 71 | 7 | 3 | 4 |
| 51-4191 | Heat Treating Equipment Setters, Operators, and Tenders, Metal and Plastic | 485 | 490 | 5 | 1.03% | 17 | 34 | 0 | 51 | 7 | 3 | 4 |
| 51-4193 | Plating and Coating Machine Setters, Operators, and Tenders, Metal and Plastic | 119 | 114 | -5 | -4.20% | 4 | 9 | 0 | 13 | 7 | 3 | 4 |
| 51-4194 | Tool Grinders, Filers, and Sharpeners | 157 | 162 | 5 | 3.18% | 11 | 12 | 0 | 23 | 7 | 3 | 4 |
| **51-5100** | **Printing Workers** | **2,444** | **2,285** | **-159** | **-6.51%** | **95** | **168** | **-16** | **247** |  |  |  |
| 51-5111 | Prepress Technicians and Workers | 182 | 156 | -26 | -14.29% | 6 | 14 | -3 | 17 | 5 | 3 | 6 |
| 51-5112 | Printing Press Operators | 2,053 | 1,933 | -120 | -5.85% | 76 | 139 | -12 | 203 | 7 | 3 | 4 |
| 51-5113 | Print Binding and Finishing Workers | 209 | 196 | -13 | -6.22% | 14 | 15 | -1 | 28 | 7 | 3 | 4 |
| **51-6000** | **Textile, Apparel, and Furnishings Workers** | **5,171** | **5,386** | **215** | **4.16%** | **308** | **348** | **22** | **678** |  |  |  |
| 51-6011 | Laundry and Dry-Cleaning Workers | 2,102 | 2,219 | 117 | 5.57% | 134 | 154 | 12 | 300 | 8 | 3 | 5 |
| 51-6021 | Pressers, Textile, Garment, and Related Materials | 268 | 218 | -50 | -18.66% | 13 | 15 | -5 | 23 | 8 | 3 | 5 |
| 51-6031 | Sewing Machine Operators | 1,027 | 1,241 | 214 | 20.84% | 66 | 61 | 21 | 148 | 8 | 3 | 5 |

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Standard Occupational Classification (SOC)** | | **Employment** | | **Change** | | **Annual Separations** | | **Annual Openings** | | **Education/Training Codes** | | |
| **Code** | **Title** | **2018**  **Estimated Employment** | **2028**  **Projected Employment** | **Numeric** | **Percent** | **Exits** | **Transfers** | **Change** | **Total** | **Education** | **Work Experience** | **Job Training** |
| 51-6052 | Tailors, Dressmakers, and Custom Sewers | 97 | 105 | 8 | 8.25% | 8 | 5 | 1 | 14 | 8 | 3 | 4 |
| 51-6062 | Textile Cutting Machine Setters, Operators, and Tenders | 35 | 38 | 3 | 8.57% | 2 | 2 | 0 | 4 | 7 | 3 | 4 |
| 51-6091 | Extruding and Forming Machine Setters, Operators, and Tenders, Synthetic and Glass Fibers | 111 | 151 | 40 | 36.04% | 7 | 10 | 4 | 21 | 7 | 3 | 4 |
| 51-6093 | Upholsterers | 376 | 371 | -5 | -1.33% | 16 | 23 | 0 | 39 | 7 | 3 | 4 |
| 51-6099 | Textile, Apparel, and Furnishings Workers, All Other | 45 | 46 | 1 | 2.22% | 3 | 4 | 0 | 7 | 7 | 3 | 5 |
| **51-7000** | **Woodworkers** | **4,174** | **4,154** | **-20** | **-0.48%** | **170** | **322** | **-2** | **490** |  |  |  |
| 51-7011 | Cabinetmakers and Bench Carpenters | 1,446 | 1,436 | -10 | -0.69% | 60 | 89 | -1 | 148 | 7 | 3 | 4 |
| 51-7021 | Furniture Finishers | 102 | 98 | -4 | -3.92% | 5 | 6 | 0 | 11 | 7 | 3 | 5 |
| 51-7041 | Sawing Machine Setters, Operators, and Tenders, Wood | 1,453 | 1,447 | -6 | -0.41% | 42 | 126 | -1 | 167 | 7 | 3 | 4 |
| 51-7042 | Woodworking Machine Setters, Operators, and Tenders, Except Sawing | 1,166 | 1,166 | 0 | 0.00% | 63 | 100 | 0 | 163 | 7 | 3 | 4 |
| **51-8000** | **Plant and System Operators** | **4,735** | **4,788** | **53** | **1.12%** | **135** | **324** | **5** | **464** |  |  |  |
| 51-8012 | Power Distributors and Dispatchers | 298 | 308 | 10 | 3.36% | 6 | 22 | 1 | 29 | 7 | 3 | 3 |
| 51-8013 | Power Plant Operators | 228 | 226 | -2 | -0.88% | 5 | 16 | 0 | 21 | 7 | 3 | 3 |
| 51-8021 | Stationary Engineers and Boiler Operators | 638 | 622 | -16 | -2.51% | 20 | 46 | -2 | 64 | 7 | 3 | 3 |
| 51-8031 | Water and Wastewater Treatment Plant and System Operators | 2,661 | 2,740 | 79 | 2.97% | 82 | 162 | 8 | 252 | 7 | 3 | 3 |
| 51-8091 | Chemical Plant and System Operators | 217 | 218 | 1 | 0.46% | 5 | 19 | 0 | 24 | 7 | 3 | 4 |
| 51-8092 | Gas Plant Operators | 180 | 168 | -12 | -6.67% | 4 | 15 | -1 | 18 | 7 | 3 | 3 |
| 51-8093 | Petroleum Pump System Operators, Refinery Operators, and Gaugers | 335 | 342 | 7 | 2.09% | 8 | 30 | 1 | 39 | 7 | 3 | 4 |
| **51-9000** | **Other Production Occupations** | **38,605** | **40,632** | **2,027** | **5.25%** | **1,664** | **3,342** | **203** | **5,209** |  |  |  |
| 51-9011 | Chemical Equipment Operators and Tenders | 1,194 | 1,250 | 56 | 4.69% | 31 | 109 | 6 | 146 | 7 | 3 | 4 |
| 51-9012 | Separating, Filtering, Clarifying, Precipitating, and Still Machine Setters, Operators, and  Tenders | 471 | 488 | 17 | 3.61% | 12 | 43 | 2 | 57 | 7 | 3 | 4 |
| 51-9021 | Crushing, Grinding, and Polishing Machine Setters, Operators, and Tenders | 442 | 448 | 6 | 1.36% | 14 | 38 | 1 | 53 | 7 | 3 | 4 |
| 51-9022 | Grinding and Polishing Workers, Hand | 555 | 508 | -47 | -8.47% | 16 | 46 | -5 | 57 | 8 | 3 | 4 |
| 51-9023 | Mixing and Blending Machine Setters, Operators, and Tenders | 1,845 | 1,908 | 63 | 3.41% | 57 | 162 | 6 | 225 | 7 | 3 | 4 |
| 51-9032 | Cutting and Slicing Machine Setters, Operators, and Tenders | 926 | 966 | 40 | 4.32% | 39 | 77 | 4 | 120 | 7 | 3 | 4 |

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Standard Occupational Classification (SOC)** | | **Employment** | | **Change** | | **Annual Separations** | | **Annual Openings** | | **Education/Training Codes** | | |
| **Code** | **Title** | **2018**  **Estimated Employment** | **2028**  **Projected Employment** | **Numeric** | **Percent** | **Exits** | **Transfers** | **Change** | **Total** | **Education** | **Work Experience** | **Job Training** |
| 51-9041 | Extruding, Forming, Pressing, and Compacting Machine Setters, Operators, and Tenders | 1,207 | 1,214 | 7 | 0.58% | 47 | 84 | 1 | 132 | 7 | 3 | 4 |
| 51-9051 | Furnace, Kiln, Oven, Drier, and Kettle Operators and Tenders | 472 | 502 | 30 | 6.36% | 22 | 30 | 3 | 55 | 7 | 3 | 4 |
| 51-9061 | Inspectors, Testers, Sorters, Samplers, and Weighers | 6,867 | 5,886 | -981 | -14.29% | 253 | 533 | -98 | 688 | 7 | 3 | 4 |
| 51-9071 | Jewelers and Precious Stone and Metal Workers | 317 | 325 | 8 | 2.52% | 19 | 21 | 1 | 41 | 7 | 3 | 3 |
| 51-9081 | Dental Laboratory Technicians | 385 | 433 | 48 | 12.47% | 18 | 32 | 5 | 55 | 7 | 3 | 4 |
| 51-9082 | Medical Appliance Technicians | 102 | 121 | 19 | 18.63% | 5 | 9 | 2 | 16 | 7 | 3 | 4 |
| 51-9083 | Ophthalmic Laboratory Technicians | 197 | 232 | 35 | 17.77% | 10 | 17 | 4 | 31 | 7 | 3 | 4 |
| 51-9111 | Packaging and Filling Machine Operators and Tenders | 3,660 | 3,863 | 203 | 5.55% | 166 | 271 | 20 | 457 | 7 | 3 | 4 |
| 51-9121 | Coating, Painting, and Spraying Machine Setters, Operators, and Tenders | 1,020 | 1,071 | 51 | 5.00% | 31 | 82 | 5 | 118 | 7 | 3 | 4 |
| 51-9122 | Painters, Transportation Equipment | 632 | 713 | 81 | 12.82% | 20 | 53 | 8 | 81 | 7 | 3 | 4 |
| 51-9123 | Painting, Coating, and Decorating Workers | 107 | 109 | 2 | 1.87% | 3 | 8 | 0 | 11 | 8 | 3 | 4 |
| 51-9191 | Adhesive Bonding Machine Operators and Tenders | 369 | 364 | -5 | -1.36% | 12 | 36 | 0 | 48 | 7 | 3 | 4 |
| 51-9192 | Cleaning, Washing, and Metal Pickling Equipment Operators and Tenders | 252 | 277 | 25 | 9.92% | 17 | 24 | 2 | 43 | 7 | 3 | 4 |
| 51-9193 | Cooling and Freezing Equipment Operators and Tenders | 526 | 561 | 35 | 6.65% | 20 | 43 | 4 | 67 | 7 | 3 | 4 |
| 51-9195 | Molders, Shapers, and Casters, Except Metal and Plastic | 367 | 376 | 9 | 2.45% | 15 | 26 | 1 | 42 | 7 | 3 | 3 |
| 51-9196 | Paper Goods Machine Setters, Operators, and Tenders | 2,146 | 2,064 | -82 | -3.82% | 65 | 163 | -8 | 220 | 7 | 3 | 4 |
| 51-9198 | Helpers--Production Workers | 10,955 | 13,157 | 2,202 | 20.10% | 641 | 1,136 | 220 | 1,997 | 7 | 3 | 5 |
| 51-9199 | Production Workers, All Other | 2,466 | 2,628 | 162 | 6.57% | 95 | 200 | 16 | 311 | 7 | 3 | 4 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |
| **53-0000** | **TRANSPORTATION AND MATERIAL MOVING OCCUPATIONS** | **112,100** | **120,531** | **8,431** | **7.52%** | **5,206** | **9,069** | **843** | **15,118** |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |
| **53-1000** | **Supervisors of Transportation and Material Moving Workers** | **4,061** | **4,438** | **377** | **9.28%** | **135** | **319** | **38** | **492** |  |  |  |
| **53-2000** | **Air Transportation Workers** | **697** | **740** | **43** | **6.17%** | **20** | **53** | **4** | **77** |  |  |  |
| 53-2012 | Commercial Pilots | 519 | 555 | 36 | 6.94% | 15 | 40 | 4 | 59 | 7 | 3 | 4 |
| 53-2021 | Air Traffic Controllers | 111 | 115 | 4 | 3.60% | 3 | 8 | 0 | 11 | 4 | 3 | 3 |

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Standard Occupational Classification (SOC)** | | **Employment** | | **Change** | | **Annual Separations** | | **Annual Openings** | | **Education/Training Codes** | | |
| **Code** | **Title** | **2018**  **Estimated Employment** | **2028**  **Projected Employment** | **Numeric** | **Percent** | **Exits** | **Transfers** | **Change** | **Total** | **Education** | **Work Experience** | **Job Training** |
| **53-3000** | **Motor Vehicle Operators** | **59,014** | **63,649** | **4,635** | **7.85%** | **2,828** | **4,220** | **464** | **7,512** |  |  |  |
| 53-3021 | Bus Drivers, Transit and Intercity | 515 | 522 | 7 | 1.36% | 40 | 25 | 1 | 66 | 7 | 3 | 4 |
| 53-3022 | Bus Drivers, School or Special Client | 5,938 | 6,391 | 453 | 7.63% | 478 | 300 | 45 | 823 | 7 | 3 | 5 |
| 53-3031 | Driver/Sales Workers | 3,288 | 3,282 | -6 | -0.18% | 135 | 238 | -1 | 372 | 7 | 3 | 5 |
| 53-3032 | Heavy and Tractor-Trailer Truck Drivers | 37,773 | 40,280 | 2,507 | 6.64% | 1,607 | 2,831 | 251 | 4,689 | 5 | 3 | 5 |
| 53-3033 | Light Truck or Delivery Services Drivers | 7,957 | 8,626 | 669 | 8.41% | 341 | 601 | 67 | 1,009 | 7 | 3 | 5 |
| 53-3041 | Taxi Drivers and Chauffeurs | 3,314 | 4,295 | 981 | 29.60% | 204 | 208 | 98 | 510 | 8 | 3 | 5 |
| 53-4013 | Rail Yard Engineers, Dinkey Operators, and Hostlers | 98 | 127 | 29 | 29.59% | 3 | 7 | 3 | 13 | 7 | 3 | 4 |
| 53-4021 | Railroad Brake, Signal, and Switch Operators | 101 | 121 | 20 | 19.80% | 2 | 8 | 2 | 12 | 7 | 3 | 4 |
| 53-5011 | Sailors and Marine Oilers | 95 | 87 | -8 | -8.42% | 3 | 9 | -1 | 11 | 8 | 3 | 4 |
| **53-6000** | **Other Transportation Workers** | **2,584** | **2,779** | **195** | **7.55%** | **124** | **250** | **20** | **394** |  |  |  |
| 53-6011 | Bridge and Lock Tenders | 60 | 61 | 1 | 1.67% | 2 | 4 | 0 | 6 | 7 | 3 | 5 |
| 53-6021 | Parking Lot Attendants | 442 | 464 | 22 | 4.98% | 23 | 46 | 2 | 71 | 8 | 3 | 5 |
| 53-6031 | Automotive and Watercraft Service Attendants | 1,496 | 1,616 | 120 | 8.02% | 69 | 161 | 12 | 242 | 8 | 3 | 5 |
| 53-6051 | Transportation Inspectors | 296 | 293 | -3 | -1.01% | 9 | 21 | 0 | 30 | 7 | 3 | 4 |
| 53-6061 | Transportation Attendants, Except Flight Attendants | 196 | 239 | 43 | 21.94% | 17 | 12 | 4 | 33 | 7 | 3 | 5 |
| **53-7000** | **Material Moving Workers** | **44,492** | **47,727** | **3,235** | **7.27%** | **2,068** | **4,138** | **324** | **6,530** |  |  |  |
| 53-7011 | Conveyor Operators and Tenders | 351 | 355 | 4 | 1.14% | 12 | 30 | 0 | 42 | 8 | 3 | 5 |
| 53-7021 | Crane and Tower Operators | 519 | 594 | 75 | 14.45% | 18 | 47 | 8 | 73 | 7 | 2 | 4 |
| 53-7032 | Excavating and Loading Machine and Dragline Operators | 431 | 471 | 40 | 9.28% | 16 | 37 | 4 | 57 | 7 | 2 | 4 |
| 53-7051 | Industrial Truck and Tractor Operators | 7,535 | 8,007 | 472 | 6.26% | 233 | 641 | 47 | 921 | 8 | 3 | 5 |
| 53-7061 | Cleaners of Vehicles and Equipment | 4,781 | 5,163 | 382 | 7.99% | 248 | 476 | 38 | 762 | 8 | 3 | 5 |
| 53-7062 | Laborers and Freight, Stock, and Material Movers, Hand | 21,936 | 23,733 | 1,797 | 8.19% | 1,031 | 2,140 | 180 | 3,351 | 8 | 3 | 5 |
| 53-7063 | Machine Feeders and Offbearers | 2,142 | 2,226 | 84 | 3.92% | 110 | 179 | 8 | 297 | 8 | 3 | 5 |
| 53-7064 | Packers and Packagers, Hand | 4,688 | 4,756 | 68 | 1.45% | 282 | 398 | 7 | 687 | 8 | 3 | 5 |
| 53-7073 | Wellhead Pumpers | 65 | 63 | -2 | -3.08% | 2 | 6 | 0 | 8 | 7 | 2 | 4 |
| 53-7081 | Refuse and Recyclable Material Collectors | 1,776 | 2,056 | 280 | 15.77% | 104 | 160 | 28 | 292 | 8 | 3 | 5 |
| 53-7121 | Tank Car, Truck, and Ship Loaders | 42 | 45 | 3 | 7.14% | 2 | 3 | 0 | 5 | 8 | 3 | 5 |
| 53-7199 | Material Moving Workers, All Other | 118 | 125 | 7 | 5.93% | 6 | 10 | 1 | 17 | 8 | 3 | 5 |

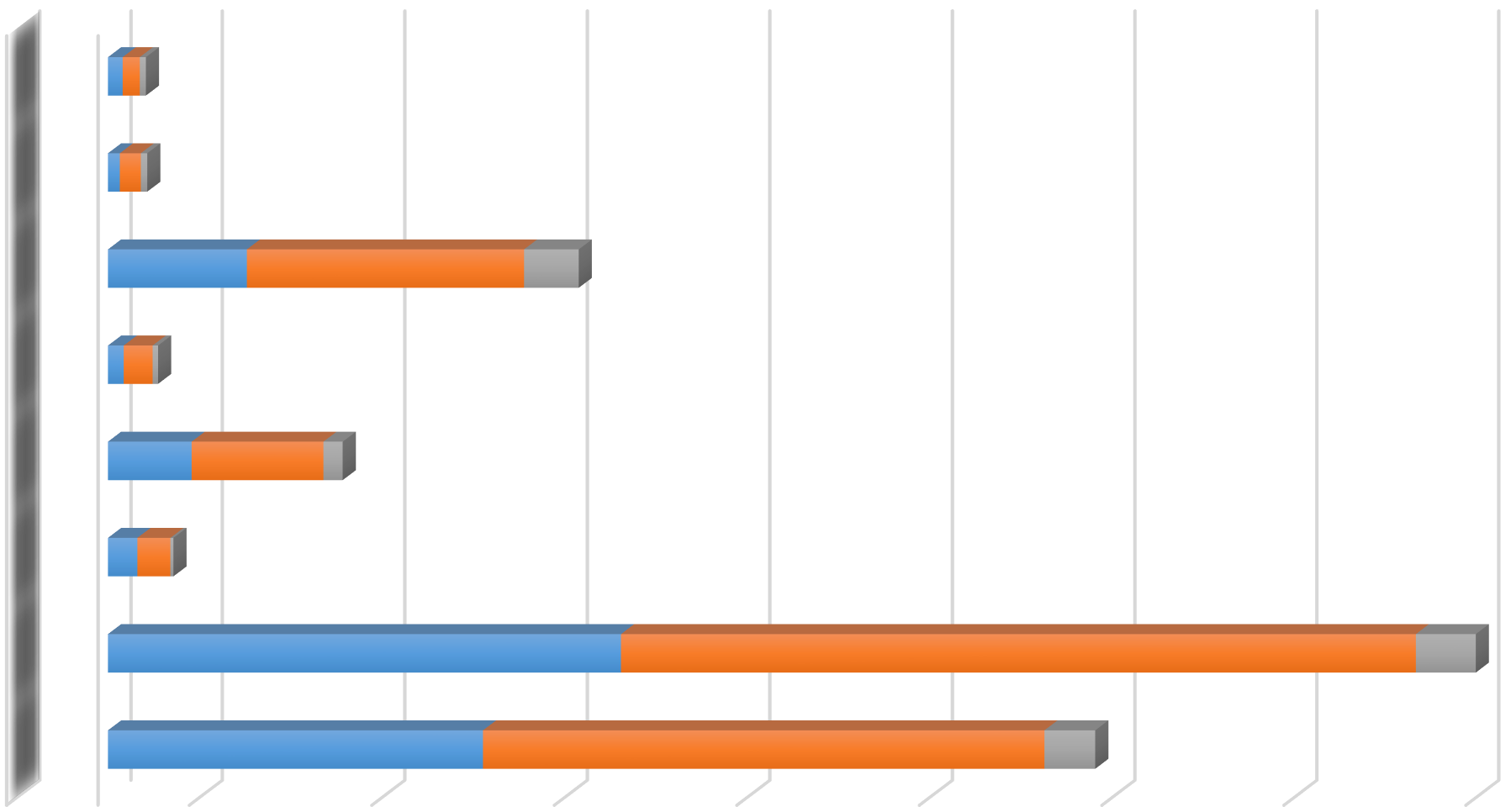
# Education Outlook

Occupations requiring a Bachelor’s degree are likely to add 29,956 jobs during the projection period, but occupations that require a High School Diploma or Equivalent will have more annual job openings and more gain than any other education level, with 75,591 jobs expected each year and 38,803 new jobs between 2018 and 2028. Jobs requiring a Postsecondary Non-Degree Award are estimated to add 10,520 jobs to the workforce. Job seekers with at least an Associate’s degree could see 32,757 annual job openings when they are ready to enter the workforce.

Jobs requiring a Master’s degree could see the largest percent change, with a 16.97 percent gain in employment over the 10-year period. Every educational category is forecasted to see net gains in jobs.

Occupational Projections by Education/Training Level

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Education** | **2018**  **Estimated Employment** | **2028**  **Projected Employment** | **Numeric Change** | **Percent Change** | **Annual Exits** | **Annual Transfers** | **Annual Change** | **Total Annual Openings** |
| Doctoral or Professional Degree | 29,738 | 33,100 | 3,362 | 11.31% | 805 | 937 | 333 | 2,075 |
| Master's Degree | 21,010 | 24,575 | 3,565 | 16.97% | 650 | 1,147 | 354 | 2,151 |
| Bachelor's Degree | 258,855 | 288,811 | 29,956 | 11.57% | 7,609 | 15,184 | 2,996 | 25,789 |
| Associate's Degree | 25,799 | 28,749 | 2,950 | 11.43% | 861 | 1,584 | 297 | 2,742 |
| Postsecondary Non-Degree Award | 109,948 | 120,468 | 10,520 | 9.57% | 4,583 | 7,220 | 1,054 | 12,857 |
| Some College, No Degree | 31,044 | 32,719 | 1,675 | 5.40% | 1,608 | 1,807 | 168 | 3,583 |
| High School Diploma or Equivalent | 608,848 | 647,651 | 38,803 | 6.37% | 28,106 | 43,600 | 3,885 | 75,591 |
| No Formal Educational Credential | 323,505 | 351,355 | 27,850 | 8.61% | 20,546 | 30,758 | 2,784 | 54,088 |



**Total Annual Openings**

**Annual Change**

**Annual Transfers**

**Annual Exits**

**54,088**

**No Formal Educational Credential**

**75,591**

**High School Diploma or Equivalent**

**3,583**

**Some College, No Degree**

**12,857**

**Postsecondary Non-Degree Award**

**2,742**

**Associate's Degree**

**25,789**

**Bachelor's Degree**

**2,151**

**Master's Degree**

**2,075**

**Doctoral or Professional Degree**

**75,000**

**65,000**

**55,000**

**45,000**

**35,000**

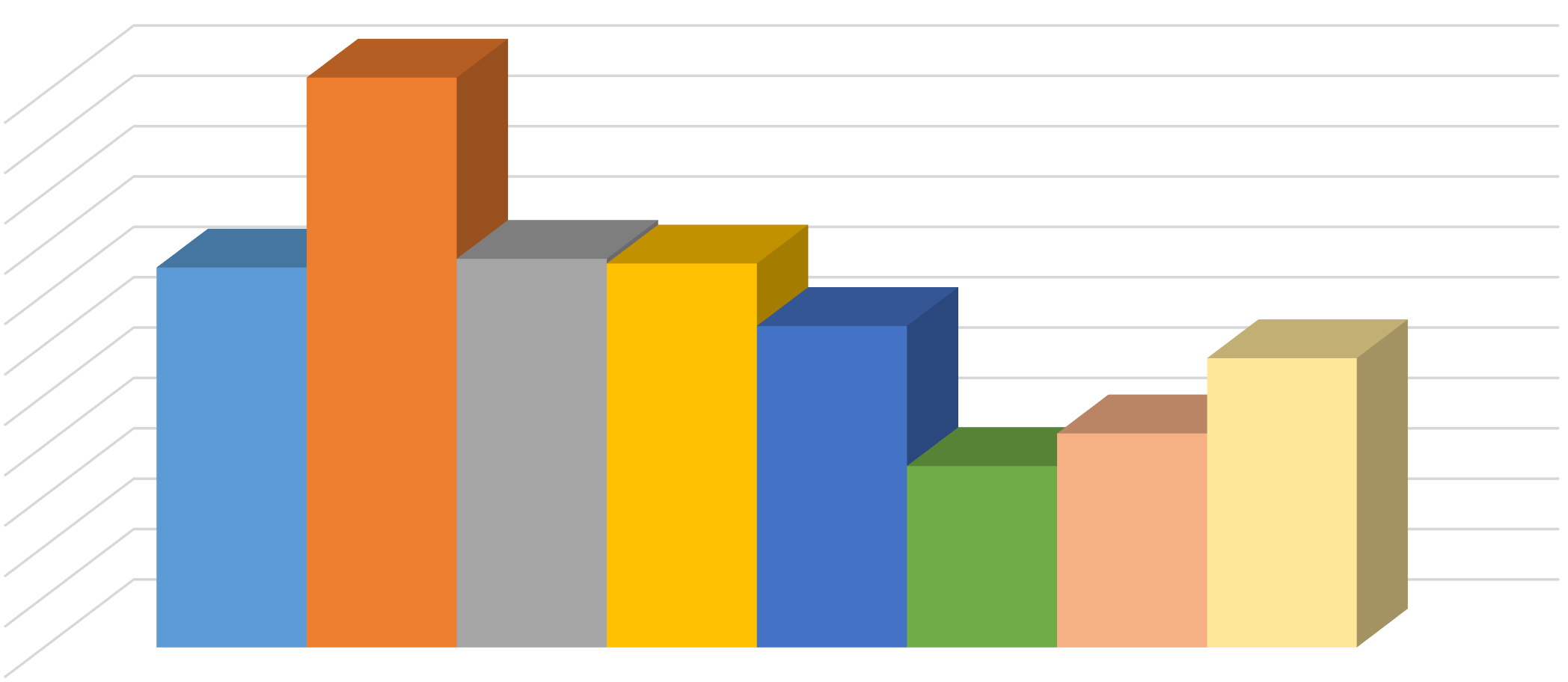
**25,000**

**15,000**

**5,000**

**-5,000**

**Annual Openings by Education Level**



**Percent Growth by Educational Level**

**17%**

**15%**

**14%**

**12%**

**11%**

**9%**

**8%**

**6%**

**5%**

**3%**

**2%**

**0%**

**11.31%**

**16.97%**

**11.57% 11.43%**

**9.57%**

**5.40%**

**6.37%**

**8.61%**

**Doctoral and Professional Degree**

**Bachelor's Degree**

**Postsecondary Non-Degree Award High School Diploma or Equivalent**

**Master's Degree**

**Associate's Degree**

**Some College, No Degree**

**No Formal Educational Credential**

Top 10 Occupations by Educational Level

Top 10 Occupations/High School Diploma or Less (Based on Number of Annual Openings)

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **SOC**  **Code** | **SOC Title** | **2018**  **Estimated Employment** | **2028**  **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 | 38,419 | 45,927 | 7,508 | 19.54% | 3,362 | 4,147 | 751 | 8,260 |
| 41-2031 | Retail Salespersons | 39,654 | 41,652 | 1,998 | 5.04% | 2,336 | 3,602 | 200 | 6,138 |
| 41-2011 | Cashiers | 31,677 | 31,472 | -205 | -0.65% | 2,818 | 3,138 | -20 | 5,936 |
| 11-9013 | Farmers, Ranchers, and Other Agricultural Managers | 53,965 | 53,924 | -41 | -0.08% | 3,354 | 2,005 | -4 | 5,355 |
| 35-3031 | Waiters and Waitresses | 18,758 | 20,342 | 1,584 | 8.44% | 1,357 | 2,396 | 158 | 3,911 |
| 39-9021 | Personal Care Aides | 18,712 | 25,047 | 6,335 | 33.86% | 1,617 | 1,433 | 634 | 3,684 |
| 43-9061 | Office Clerks, General | 28,522 | 28,521 | -1 | 0.00% | 1,594 | 1,819 | 0 | 3,413 |
| 53-7062 | Laborers and Freight, Stock, and Material Movers, Hand | 21,936 | 23,733 | 1,797 | 8.19% | 1,031 | 2,140 | 180 | 3,351 |
| 37-2011 | Janitors and Cleaners, Except Maids and Housekeeping Cleaners | 18,854 | 20,726 | 1,872 | 9.93% | 1,210 | 1,396 | 187 | 2,793 |
| 43-5081 | Stock Clerks and Order Fillers | 18,917 | 19,904 | 987 | 5.22% | 982 | 1,601 | 99 | 2,682 |

Top 10 Occupations/Associate’s Degree/Postsecondary Training (Based on Number of Annual Openings)

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **SOC**  **Code** | **SOC Title** | **2018**  **Estimated Employment** | **2028**  **Projected Employment** | **Numeric Change** | **Percent Change** | **Annual**  **Openings- Exits** | **Annual**  **Openings- Transfers** | **Annual**  **Openings- Change** | **Annual**  **Openings- Total** |
| 53-3032 | Heavy and Tractor-Trailer Truck Drivers | 37,773 | 40,280 | 2,507 | 6.64% | 1,607 | 2,831 | 251 | 4,689 |
| 31-1014 | Nursing Assistants | 18,811 | 21,228 | 2,417 | 12.85% | 1,076 | 1,167 | 242 | 2,485 |
| 43-3031 | Bookkeeping, Accounting, and Auditing Clerks | 13,457 | 13,607 | 150 | 1.11% | 823 | 753 | 15 | 1,591 |
| 25-9041 | Teacher Assistants | 11,610 | 12,590 | 980 | 8.44% | 642 | 633 | 98 | 1,373 |
| 29-2061 | Licensed Practical and Licensed Vocational Nurses | 12,405 | 13,738 | 1,333 | 10.75% | 444 | 552 | 133 | 1,129 |
| 49-3023 | Automotive Service Technicians and Mechanics | 6,894 | 7,169 | 275 | 3.99% | 191 | 494 | 28 | 713 |
| 31-9092 | Medical Assistants | 3,807 | 4,785 | 978 | 25.69% | 168 | 306 | 98 | 572 |
| 25-2011 | Preschool Teachers, Except Special Education | 3,539 | 4,036 | 497 | 14.04% | 150 | 230 | 50 | 430 |
| 39-5012 | Hairdressers, Hairstylists, and Cosmetologists | 3,155 | 3,332 | 177 | 5.61% | 197 | 207 | 18 | 422 |
| 15-1151 | Computer User Support Specialists | 4,129 | 4,649 | 520 | 12.59% | 81 | 279 | 52 | 412 |

Top 10 Occupations/Bachelor's Degree or Higher (Based on Number of Annual Openings)

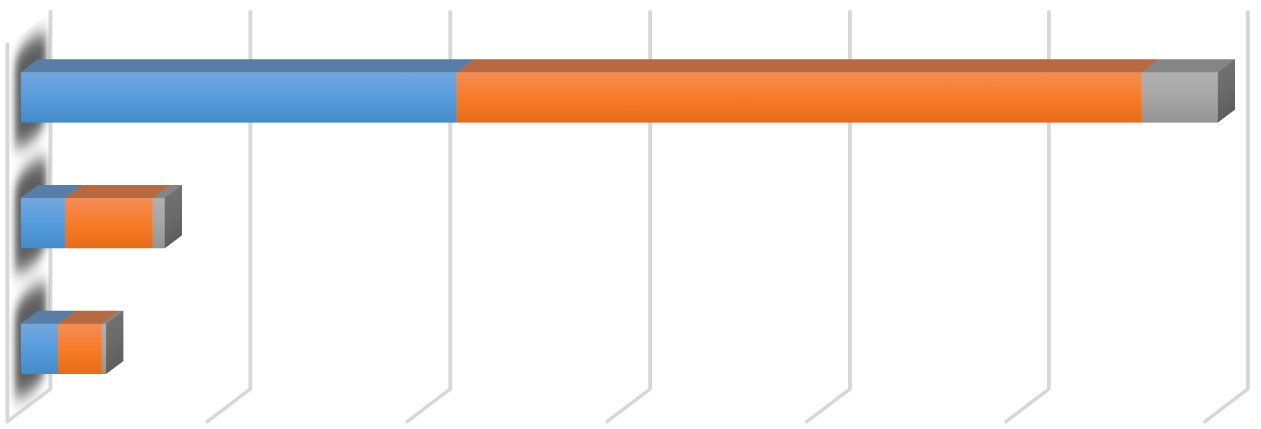
|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **SOC**  **Code** | **SOC Title** | **2018**  **Estimated Employment** | **2028**  **Projected Employment** | **Numeric Change** | **Percent Change** | **Annual**  **Openings- Exits** | **Annual**  **Openings- Transfers** | **Annual**  **Openings- Change** | **Annual**  **Openings- Total** |
| 11-1021 | General and Operations Managers | 20,949 | 23,172 | 2,223 | 10.61% | 463 | 1,453 | 222 | 2,138 |
| 29-1141 | Registered Nurses | 26,274 | 29,824 | 3,550 | 13.51% | 778 | 720 | 355 | 1,853 |
| 21-2011 | Clergy | 12,129 | 13,915 | 1,786 | 14.73% | 570 | 840 | 179 | 1,589 |
| 13-2011 | Accountants and Auditors | 8,786 | 9,895 | 1,109 | 12.62% | 264 | 607 | 111 | 982 |
| 25-2021 | Elementary School Teachers, Except Special Education | 11,943 | 12,664 | 721 | 6.04% | 383 | 525 | 72 | 980 |
| 13-1111 | Management Analysts | 6,860 | 8,323 | 1,463 | 21.33% | 236 | 480 | 146 | 862 |
| 25-2031 | Secondary School Teachers, Except Special and Career/Technical Education | 10,883 | 11,550 | 667 | 6.13% | 312 | 474 | 67 | 853 |
| 13-1199 | Business Operations Specialists, All Other | 6,957 | 7,843 | 886 | 12.74% | 201 | 509 | 89 | 799 |
| 11-9199 | Managers, All Other | 8,509 | 9,444 | 935 | 10.99% | 227 | 453 | 94 | 774 |
| 13-1161 | Market Research Analysts and Marketing Specialists | 4,963 | 6,283 | 1,320 | 26.60% | 132 | 442 | 132 | 706 |
| 11-9111 | Medical and Health Services Managers | 5,249 | 6,265 | 1,016 | 19.36% | 141 | 315 | 102 | 558 |
| 11-3031 | Financial Managers | 4,755 | 5,792 | 1,037 | 21.81% | 114 | 292 | 104 | 510 |

Work Experience Outlook

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Work Experience** | **2018**  **Estimated Employment** | **2028**  **Projected Employment** | **Numeric Change** | **Percent Change** | **Annual Exits** | **Annual Transfers** | **Annual Change** | **Total Annual**  **Openings** |
| Five Years or More | 106,895 | 112,674 | 5,779 | 5.41% | 4,692 | 5,459 | 576 | 10,727 |
| Less than Five Years | 150,326 | 165,822 | 15,496 | 10.31% | 5,550 | 10,955 | 1,551 | 18,056 |
| None | 1,151,526 | 1,248,932 | 97,406 | 8.46% | 54,526 | 85,823 | 9,744 | 150,093 |

## 2018-2028 Occupational Projections by Work Experience

Many occupations require experience beyond formal educational training, but most do not. Occupations requiring no experience beyond formal education are projected to add the most jobs, with an expected 97,406 jobs added over the 10-year period. These occupations are also expected to see 150,093 total annual job openings over the projection period. For occupations requiring less than 5 years of experience, 15,496 new jobs are expected over the projections period, with 18,056 total annual openings expected. Occupations with 5 years or more of experience needed should see a net growth of 5,779 jobs over the projection period, with 10,727 annual openings over the 10-year period.



**Total Annual Openings**

**Annual Change**

**Annual Transfers**

**Annual Exits**

**100,000 125,000 150,000**

**75,000**

**50,000**

**25,000**

**0**

**10,727**

**5 Years or**

**More**

**18,056**

**Less the 5**

**Years**

**150,093**

**None**

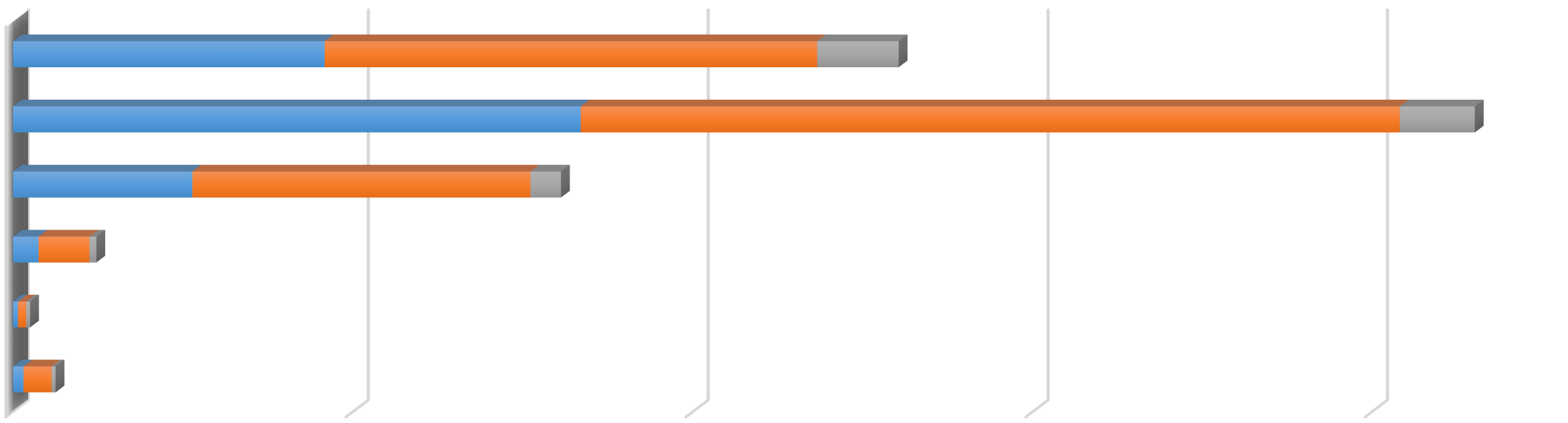
**Annual Openings by Length of Work Experience**

On-the-Job Training Outlook

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Job Training** | **2018**  **Estimated Employment** | **2028**  **Projected Employment** | **Numeric Change** | **Percent Change** | **Annual Exits** | **Annual Transfers** | **Annual Change** | **Total Annual**  **Openings** |
| Apprenticeship | 19,627 | 21,942 | 2,315 | 11.79% | 630 | 1,653 | 231 | 2,514 |
| Internship/Residency | 13,010 | 15,245 | 2,235 | 17.18% | 304 | 483 | 224 | 1,011 |
| Long-Term On-the-Job Training | 45,177 | 49,215 | 4,038 | 8.94% | 1,512 | 2,998 | 403 | 4,913 |
| Moderate-Term On-the-Job Training | 271,398 | 289,268 | 17,870 | 6.58% | 10,561 | 19,894 | 1,793 | 32,248 |
| Short-Term On-the-Job Training | 559,579 | 603,813 | 44,234 | 7.90% | 33,413 | 48,235 | 4,424 | 86,072 |
| None | 499,956 | 547,945 | 47,989 | 9.60% | 18,348 | 28,974 | 4,796 | 52,118 |

Even with a formal education, many occupations require specialized, on-the-job training before a person is fully viable in an occupation. All of the on-the-job training categories should see positive growth.

Internship/residency will see the largest percent growth of 17.18 percent and should have 1,011 total annual openings. Occupations requiring no additional training will see the largest net growth, with 47,989 expected jobs over the projection period, and those requiring short- term on-the-job training could have 86,072 annual job openings.



**Total Annual Openings**

**Annual Change**

**Annual Transfers**

**Annual Exits**

**80,000**

**60,000**

**40,000**

**20,000**

**0**

**2,514**

**Apprenticeship**

**1,011**

**Internship/Residency**

**4,913**

**Long-Term On-the-Job Training**

**32,248**

**Moderate-Term On-the-Job Training**

**86,072**

**Short-Term On-the-Job Training**

**52,118**

**None**

**Annual Openings by Type of Additional Job Training**

**Top 15 Content Skills**

|  |  |  |
| --- | --- | --- |
| **Skills** | **Total 10-Year Demand** | **Definition** |
| Active Listening | 1,557,477 | 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. |
| Critical Thinking | 1,531,852 | Using logic and reasoning to identify the strengths and weaknesses of alternative solutions, conclusions or approaches to problems. |
| Speaking | 1,497,558 | Talking to others to convey information effectively. |
| Monitoring | 1,342,368 | Monitoring/Assessing performance of yourself, other individuals, or organizations to make improvements or take corrective action. |
| Reading Comprehension | 1,259,336 | Understanding written sentences and paragraphs in work related documents. |
| Coordination | 1,190,905 | Adjusting actions in relation to others' actions. |
| Social Perceptiveness | 1,097,241 | Being aware of others' reactions and understanding why they react as they do. |
| Service Orientation | 880,442 | Actively looking for ways to help people. |
| Time Management | 772,660 | Managing one's own time and the time of others. |
| Judgment and Decision Making | 677,660 | Considering the relative costs and benefits of potential actions to choose the most appropriate one. |
| Writing | 619,735 | Communicating effectively in writing as appropriate for the needs of the audience. |
| Active Learning | 414,116 | Understanding the implications of new information for both current and future problem-solving and decision-making. |
| Operation Monitoring | 333,706 | Watching gauges, dials, or other indicators to make sure a machine is working  properly. |
| Operation and Control | 315,770 | Controlling operations of equipment or systems. |
| Persuasion | 301,928 | Persuading others to change their minds or behavior. |

**Top 15 Knowledge Domains**

|  |  |  |
| --- | --- | --- |
| **Knowledges** | **Total 10-Year Demand** | **Definition** |
| English Language | 1,538,444 | Knowledge of the structure and content of the English language, including the meaning and spelling of words, rules of composition, and grammar. |
| Customer and Personal Service | 1,497,586 | 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. |
| Mathematics | 1,155,290 | Knowledge of arithmetic, algebra, geometry, calculus, statistics, and their applications. |
| Education and Training | 1,140,320 | Knowledge of principles and methods for curriculum and training design, teaching and instruction for individuals and groups, and the measurement of training effects. |
| Administration and Management | 926,787 | 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. |
| Computers and Electronics | 775,590 | Knowledge of circuit boards, processors, chips, electronic equipment, and computer hardware and software, including applications and programming. |
| Clerical | 627,376 | 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. |
| Public Safety and Security | 567,235 | 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. |
| Sales and Marketing | 497,224 | Knowledge of principles and methods for showing, promoting, and selling products or services. This includes marketing strategy and tactics, product demonstration, sales techniques, and sales control systems. |
| Mechanical | 490,839 | Knowledge of machines and tools, including their designs, uses, repair, and maintenance. |
| Production and Processing | 433,326 | Knowledge of raw materials, production processes, quality control, costs, and other techniques for maximizing the effective manufacture and distribution of goods. |
| Psychology | 422,171 | 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. |
| Food Production | 248,438 | Knowledge of techniques and equipment for planting, growing, and harvesting food products (both plant and animal) for consumption, including storage/handling techniques. |
| Personnel and Human Resources | 212,139 | Knowledge of principles and procedures for personnel recruitment, selection, training, compensation and benefits, labor relations and negotiation, and personnel information systems. |
| Transportation | 197,551 | Knowledge of principles and methods for moving people or goods by air, rail, sea, or road,  including the relative costs and benefits. |

**Top 15 Generalized Work Activities**

|  |  |  |
| --- | --- | --- |
| **Generalized Work Activities** | **Total 10-year Demand** | **Definition** |
| Communicating with Supervisors, Peers, or Subordinates | 1,454,138 | Providing information to supervisors, co-workers, and subordinates by telephone, in written form, e-mail, or in person. |
| Establishing and Maintaining Interpersonal Relationships | 1,439,922 | Developing constructive and cooperative working relationships with others and maintaining them over time. |
| Getting Information | 1,378,220 | Observing, receiving, and otherwise obtaining information from all  relevant sources. |
| Organizing, Planning, and Prioritizing Work | 1,225,856 | Developing specific goals and plans to prioritize, organize, and accomplish your work. |
| Handling and Moving Objects | 1,042,482 | Using hands and arms in handling, installing, positioning, and moving  materials, and manipulating things. |
| Identifying Objects, Actions, and Events | 852,425 | Identifying information by categorizing, estimating, recognizing differences or similarities, and detecting changes in circumstances or events. |
| Making Decisions and Solving Problems | 805,050 | Analyzing information and evaluating results to choose the best solution and solve problems. |
| Updating and Using Relevant Knowledge | 765,258 | Keeping up-to-date technically and applying new knowledge to your job. |
| Monitor Processes, Materials, or Surroundings | 726,119 | Monitoring and reviewing information from materials, events, or the environment, to detect or assess problems. |
| Performing General Physical Activities | 681,401 | Performing physical activities that require considerable use of your arms and legs and moving your whole body, such as climbing, lifting,  balancing, walking, stooping, and handling of materials. |
| Performing for or Working Directly with the Public | 607,915 | Performing for people or dealing directly with the public. This includes serving customers in restaurants and stores and receiving clients or guests. |
| Communicating with Persons Outside Organization | 430,132 | Communicating with people outside the organization, representing the organization to customers, the public, government, and other external sources. This information can be exchanged in person, in writing, or by telephone or e-mail. |
| Resolving Conflicts and Negotiating with Others | 406,425 | Handling complaints, settling disputes, and resolving grievances and conflicts, or otherwise negotiating with others. |
| Processing Information | 401,526 | Compiling, coding, categorizing, calculating, tabulating, auditing, or verifying information or data. |
| Controlling Machines and Processes | 387,249 | Using either control mechanisms or direct physical activity to operate machines or processes (not including computers or vehicles). |

Appendix: Definition of Education/Training Codes

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

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

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

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