



Arkansas Statewide

2022-2024

Short-Term Industry and
Occupational Projections

ARKANSAS SHORT-TERM INDUSTRY AND OCCUPATIONAL PROJECTIONS 2022-2024



Arkansas Division of
Workforce Services

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ARKANSAS SHORT-TERM INDUSTRY AND OCCUPATIONAL PROJECTIONS 2022-2024

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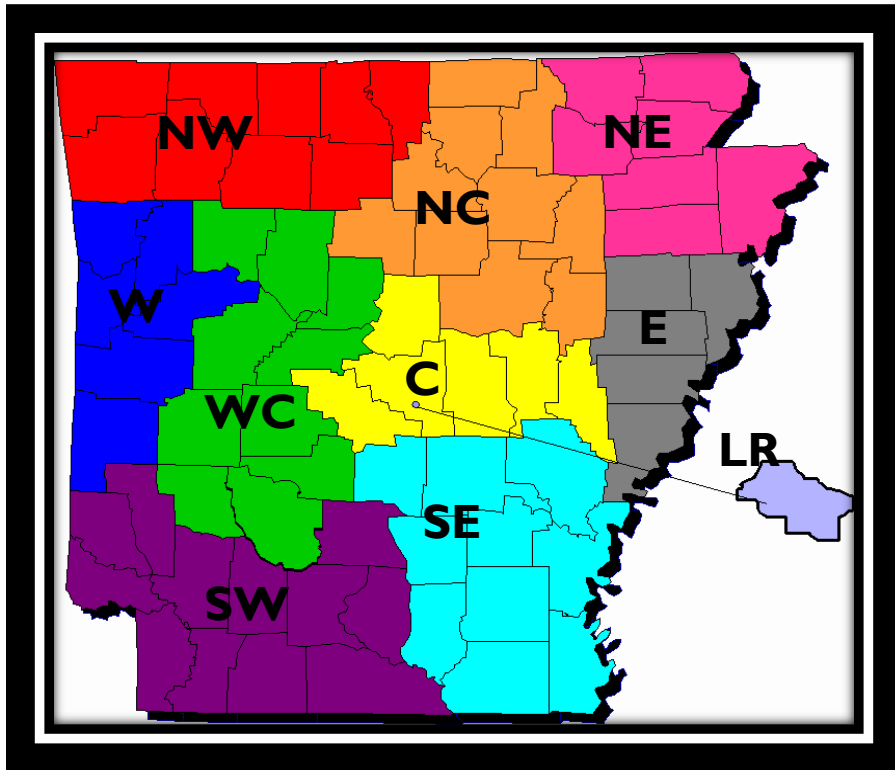
Definitions of Important Terms

Term	Definition
Estimated Employment	The average number of jobs in a particular industry or occupation during the benchmark year or quarter.
Content Skills	Learned capabilities that allow workers to master and perform the specific activities of their jobs.
Current Employment Statistics (CES)	A monthly survey of business establishments that provides estimates of employment, hours, and earnings data by industry for the nation, all states, and most major metropolitan areas.
Employment	The number of jobs in a business or firm at any given time.
Fastest Growing/Declining	Refers to percent growth. The higher the percent growth, the faster an industry or occupation is growing. For declining industries or occupations, the lower the percent growth, the faster it is declining.
Generalized Work Activities	Learned sets of facts and standards required by many work situations.
Industry	A group of establishments that produce similar products or provide similar services.
Knowledge Domain	Learned sets of facts and standards required by many work situations.
Metropolitan Statistical Area	A county or group of contiguous counties that contains an urban center of at least 50,000 residents and has a high degree of economic and social ties.
Numeric Change	The difference between projected employment and base employment.
North American Industry Classification System (NAICS)	A system used in assigning industry-designated code numbers to employers and/or establishments based on the nature of their activities, services rendered, or products delivered; established by the U.S. Office of Management and Budget and used by all agencies for data compilation.
Occupation	A set of activities that employees are paid to perform; employees who perform the same tasks are in the same occupation even if they are in the same industry.
Occupational Employment Statistics (OES)	A federal/state cooperative program that produces employment and wage estimates for over 700 occupations. These are estimates of the number of people employed in certain occupations and estimates of the wages paid to them. They are also used to gather occupational staffing patterns by industry that are used to project employment needs by occupation.
Percent (%) Change	The rate at which an industry or occupation is expected to grow or decline.
Projected Employment	The average number of jobs expected to be in an industry or occupation in the future.
Quarterly Census of Employment and Wage (QCEW)	A federal/state cooperative program that produces employment and wage data for workers covered by state unemployment insurance laws and federal workers covered by the Unemployment Compensation for Federal Employees Program. Data is arranged by the type of industry according to the North American Industry Classification System (NAICS).
Sector	A level of industry classification under supersector according to the NAICS structure.
Standard Occupational Classification (SOC)	A coding system used by all federal statistical agencies to classify workers into occupational categories for the purpose of collecting, calculating, or disseminating data.
Subsector	A level of industry classification under sector according to the NAICS structure.
Supersector	The top level of industry classification according to the NAICS structure.

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Local Workforce Development Areas



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

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

Central Arkansas Workforce Development Area

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

City of Little Rock Workforce Development Area

Inside the city limits of Little Rock

Eastern Arkansas Workforce Development Area

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

Introduction

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

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

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

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

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

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

More projections-related information can be found on my Tableau pages. Visit <https://public.tableau.com/profile/brian.pulliam#!/> to view tables and graphics related to business, education, and other industry and occupational outlook information. Also, some data visualizations can now be found at <https://www.discover.arkansas.gov/Industry/Industry-Outlook>. More data visualizations will be added in the coming months.

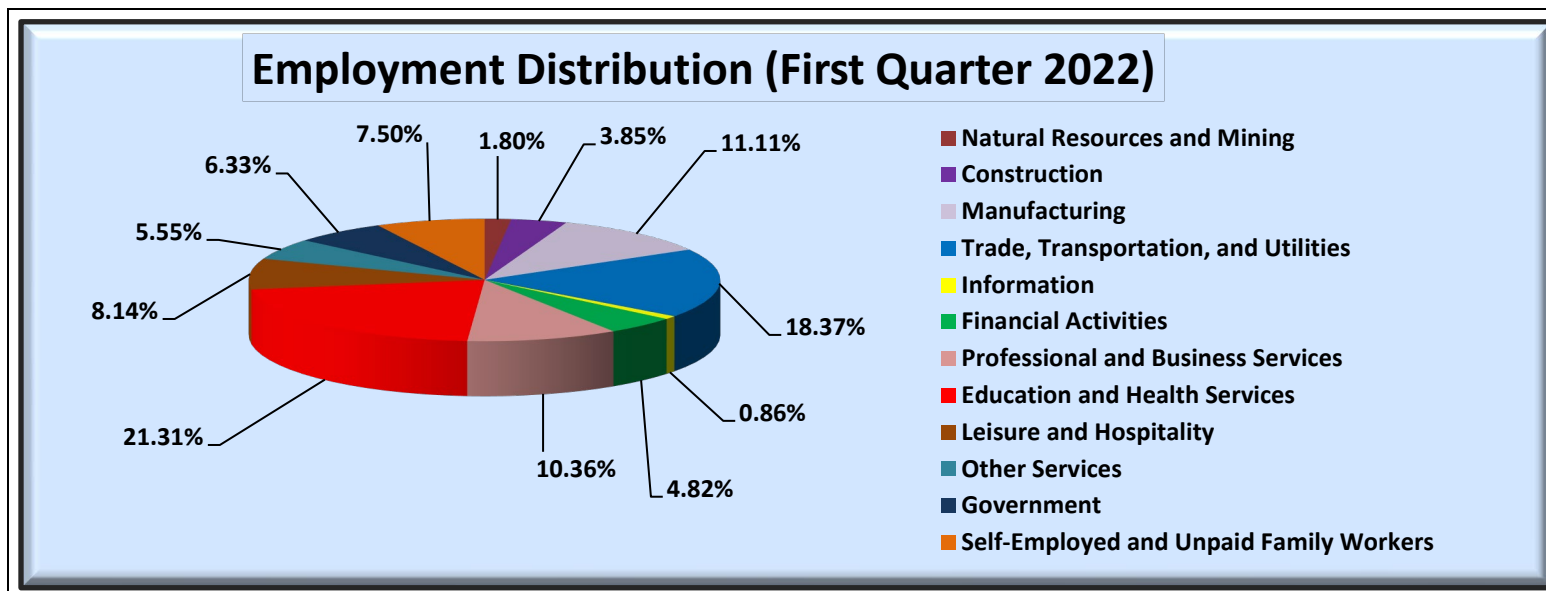
State of Arkansas Profile

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

Arkansas is rich in natural resources. There are many historical landmarks, including over 2,600 listings on the National Registry of Historical Places and around 53 state parks scattered throughout the state. This is one of the reasons 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 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 students.

Arkansas' population, based on State Census Data Center estimates, was 3,045,637 as of July 1, 2022, an increase of 17,515 residents from the July 1, 2021, estimate of 3,028,122. The not-seasonally adjusted average unemployment rate for first quarter 2022 was 3.6 percent, while the seasonally adjusted number was 3.2 percent.



Source: QCEW and CES-Non-Covered

Methodology

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

Data Development

Data development is accomplished by using the following sources:

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

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

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

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

Industry Projections

A monthly time series is developed at the three- and four-digit NAICS levels from the three sources listed above, with a time frame of January 1990 to March of the base year 2022. The industry projections in this publication were produced using the *Projections Suite* software, authorized by the U.S. Department of Labor, and developed by the Utah Department of Workforce Services. The software has several components that deal with industry projections. First, it allows the analyst to choose from a list of national and state variables to determine a state leading index, which is a list of variables that, when factored together, help predict changes in the state employment figures. National economic variables are also provided. State variables are labor force data, such as civilian labor force and unemployment rate, major industry division (CES) totals, nonfarm employment, building permits, manufacturing hours, natural gas prices, air passenger data, and a composite index.

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

Occupational Projections

Occupational projections are produced by merging industries and occupations together into an industry-occupational matrix. This matrix is a table showing the occupational pattern of each industry (i.e., the ratios of employment by occupation in a specific industry). The statewide matrix is based on the Bureau of Labor Statistics' Occupational Employment Statistics (OES) survey and uses a Standard Occupational Classification (SOC) code for each occupation. It uses the May 2021 OES semiannual survey to establish state staffing patterns and is provided through the Local Employment and Wage Information System (LEWIS). National staffing patterns from 2021 are used where state patterns do not exist. Some staffing adjustments are made for some non-covered industries.

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

Data Limitations

The projections contained in this publication are estimates based on historical data. It is important not to rely on these projections as the actual employment numbers that will occur in 2024. While every attempt is made to incorporate current and near-future events, such as business closings, corporate layoffs, openings, and expansions, it's not possible to know everything that might happen. Events that may take place after the projection period or announcements concerning closings, layoffs, openings, and expansions known after projections were completed are not reflected in the forecasts. Also, legislative policy could cause employment to change. Events such as these will likely cause the actual employment numbers to vary significantly from these projections.

It is important to look at both numeric growth and percent growth when looking at projections. Generally, industries or occupations with small employment will have higher growth rates than those with larger employment, but these industries may only add a few employees over the projection period. When examining occupational projections, it is important to look at all types of job openings, which include growth, exits, and transfers. Even if an occupation is in decline, it still may have openings to replace workers who leave the profession due to changing jobs or due to a person retiring or leaving the workforce for some other reason.

EXPLANATION OF INDUSTRY PROJECTIONS DATA
 ARKANSAS-STATEWIDE
 2022-2024

NAICS Code	NAICS Title	2022 Estimated Employment	2024 Projected Employment	Net Growth	Percent Growth
Industry code according to the North American Industry Classification System (NAICS) Title and Coding Structure	Industry title according to the North American Industry Classification System (NAICS) Title and Coding Structure	An estimate of the number of jobs in an industry in 2022	The projected number of jobs expected to be in an industry in 2024	Total number of jobs an industry is expected to gain or lose over the 2022 to 2024 period	Percent change in the number of jobs in an industry over the 2022 to 2024 period

2022-2024 Arkansas Statewide Industry Projections by Major Division

NAICS Code	NAICS Title	2022 Estimated Employment	2024 Projected Employment	Numeric Change	Percent Change
000000	TOTAL ALL INDUSTRIES	1,443,563	1,482,621	39,058	2.71%
006010	Self Employed Workers, All Jobs	108,260	109,685	1,425	1.32%
101000	Goods Producing	242,022	247,972	5,950	2.46%
101100	NATURAL RESOURCES AND MINING	26,030	25,335	-695	-2.67%
110000	Agriculture, Forestry, Fishing and Hunting	22,721	22,011	-710	-3.12%
210000	Mining	3,309	3,324	15	0.45%
101200	CONSTRUCTION	55,566	58,296	2,730	4.91%
101300	MANUFACTURING	160,426	164,341	3,915	2.44%
	Non-Durable Goods Manufacturing	83,122	84,489	1,367	1.64%
	Durable Goods Manufacturing	77,304	79,852	2,548	3.30%
102000	Services Providing	1,093,281	1,124,964	31,683	2.90%
102100	TRADE, TRANSPORTATION, AND UTILITIES	265,150	272,336	7,186	2.71%
420000	Wholesale Trade	49,844	51,989	2,145	4.30%
440000	Retail Trade	140,398	144,103	3,705	2.64%
480000	Transportation and Warehousing	67,390	68,802	1,412	2.10%
220000	Utilities	7,518	7,442	-76	-1.01%
102200	INFORMATION	12,441	12,696	255	2.05%
102300	FINANCIAL ACTIVITIES	69,604	74,754	5,150	7.40%
520000	<i>Finance and Insurance</i>	<i>55,235</i>	<i>59,867</i>	<i>4,632</i>	<i>8.39%</i>
530000	<i>Real Estate and Rental and Leasing</i>	<i>14,369</i>	<i>14,887</i>	<i>518</i>	<i>3.60%</i>
102400	PROFESSIONAL AND BUSINESS SERVICES	149,500	154,928	5,428	3.63%
540000	Professional, Scientific, and Technical Services	47,316	49,307	1,991	4.21%
550000	Management of Companies and Enterprises	35,456	37,684	2,228	6.28%
560000	Administrative and Support and Waste Management and Remediation Services	66,728	67,937	1,209	1.81%
102500	EDUCATION AND HEALTH SERVICES	307,625	314,043	6,418	2.09%
610000	Educational Services	114,916	117,546	2,630	2.29%
620000	Health Care and Social Assistance	192,709	196,497	3,788	1.97%
102600	LEISURE AND HOSPITALITY	117,500	122,830	5,330	4.54%
710000	Arts, Entertainment, and Recreation	11,380	12,186	806	7.08%
720000	Accommodation and Food Services	106,120	110,644	4,524	4.26%
102700	OTHER SERVICES (EXCEPT GOVERNMENT)	80,057	83,386	3,329	4.16%
102800	GOVERNMENT	91,404	89,991	-1,413	-1.55%

Industry Outlook

Between first and second quarter 2020, Arkansas covered employment lost 83,237 jobs, a 6.84 percent drop. By first quarter 2022, employment in Arkansas has surpassed pre-pandemic levels by 0.93 percent. Between first quarter 2022 and first quarter 2024, employment in Arkansas is expected to increase by 39,058 jobs, a 2.71 percent increase. Goods-Producing industries are slated to raise employment levels by 5,950 jobs, or 2.46 percent, while Services-Providing industries could experience a job growth of 31,683 or 2.90 percent increase. Self Employed Workers, All Jobs is slated to see a gain of 1,425 jobs, a 1.32 percent uptick.

Natural Resources and Mining

The **Natural Resources and Mining** supersector was generally not impacted by the pandemic, gaining 320 covered employment jobs between first and second quarter 2020, an increase of 2.06 percent. The industry group, however, has lost 1.61 percent from first quarter 2020 to first quarter 2022. **Natural Resources and Mining** is expected to be one of two supersectors to experience a decline in the 2022-2024 timeframe, losing 695 jobs, or 2.67 percent of its workforce. Driving the decline is the **Agriculture, Forestry, Fishing, and Hunting** sector, which is estimated to lose 710 jobs, a 3.12 percent decline. *Animal Production* is slated to be included among the ten top declining industries, placing fourth, with a loss of 381 jobs, while *Support Activities for Agriculture and Forestry*, places tenth, cutting 192 jobs. The **Mining** sector, however, could see a slight increase in employment, with an increase of 0.45 percent, or 15 jobs.

Construction

Construction was generally not impacted by the pandemic, gaining 414 jobs between first and second quarter 2020, a 0.79 percent increase. The industry group gained 3,311 jobs from first quarter 2020 and first quarter 2022. **Construction** is expected to raise employment by 4.91 percent or 2,730 jobs by first quarter 2024. The *Specialty Trade Contractors* subsector drives this growth, adding an estimated 1,916 jobs, more than 70 percent of the overall growth in **Construction**. Building Equipment Contractors is predicted to place

sixth among the ten highest growing industries, while Residential Construction could be among the ten fastest growing statewide, gaining an estimated 11.04 percent. On the negative side of the economy, Land Subdivision is slated to be the fastest declining industry in the state, cutting 37 jobs, or 46.25 percent of its workforce.

Manufacturing

The **Manufacturing** supersector lost 9,743 jobs during the second quarter of 2020, a 6.05 percent drop. By first quarter of 2022, it recovered all but 540 jobs from pre-pandemic levels. During this projection period, **Manufacturing** is expected to add 3,915 jobs, an increase of 2.44 percent. **Non-Durable Goods Manufacturing** is estimated to gain 1,367 jobs, an increase of 1.64 percent. The group lost 3,960 jobs during the pandemic. *Food Manufacturing* could see the brightest outlook, with a gain of 1,208, more than 88 percent of the gain in **Non-Durable Goods Manufacturing**. Animal Slaughtering and Processing is slated to increase employment by 554 jobs, making the Top 25 Growing Industries list. Beverage and Tobacco Product Manufacturing is projected to be the fastest growing industry among Non-Durable goods industries, increasing its workforce by 8.58 percent. On the flip side, the *Leather and Allied Product Manufacturing* subsector is expected to lose 24.91 percent of its workforce, while the *Paper Manufacturing* subsector is slated to lose 408 jobs. Pulp, Paper, and Paperboard Mills is predicted to lose 285 jobs, or 11.31 percent of its workforce, placing seventh in numeric and percent decline. Footwear Manufacturing is anticipated to be the third

fastest declining industry, cutting 31.50 percent of its workforce, or 200 jobs, placing ninth in percent decline.

Durable Goods Manufacturing is projected to experience a gain of 2,548 jobs, an increase of 3.30 percent. The industry group lost 5,782 jobs during the pandemic. *Machinery Manufacturing* may have the brightest outlook, with a projected gain of 656 new jobs during the projection period. *Primary Metal Manufacturing* is slated to grow by 6.76 percent. Steel Product Manufacturing from Purchased Steel is projected to be the fourth fastest growing industry in the state, raising employment levels by 15.39 percent. On the negative side of the labor market, the *Furniture and Related Product Manufacturing* subsector could lose 140 jobs, or 4.17 percent of its workforce.

Trade, Transportation, and Utilities

The **Trade, Transportation, and Utilities** supersector lost 10,618 jobs between first and second quarter 2020. By first quarter 2022, the supersector has exceeded pre-pandemic employment levels. **Trade, Transportation, and Utilities** is estimated to gain 7,186 jobs, a 2.71 percent increase, becoming the top growing supersector. **Wholesale Trade** is forecasted to experience a gain of 2,145, a 4.30 percent increase. The industry sector lost 1,510 jobs during the pandemic and has since fully recovered. Merchant Wholesalers, Nondurable Goods is slated to be fourth in the state in numeric change, gaining 1,673 jobs, while Merchant Wholesalers, Durable Goods is slated to add 756 to its own workforce. Wholesale Electronic Markets and Agents and Brokers could see a dip of 284, or 6.97 percent of its workforce between 2022 and 2024.

The **Retail Trade** sector lost 5,937 jobs between first and second quarter 2020. The sector has since exceeded pre-pandemic employment levels. During the 2022-2024 projections cycle, **Retail Trade** is estimated to gain 3,705 jobs, an increase of 2.64 percent. *General Merchandise Stores* is slated to add 1,020 jobs during the projection period, placing it eighth in numeric growth. Electronic Shopping and Mail Order Houses could be the fastest growing industry

in the state, increasing by 38.81 percent. On the negative side of the economy, Electronics and Appliance Stores is forecast to lose 119 jobs, or 4.01 percent of its workforce, while *Health and Personal Care Stores* could see a drop of 35 jobs.

The **Transportation and Warehousing** sector lost 3,171 jobs during the pandemic, or 5.64 percent of its workforce. As of first quarter 2022, the sector has fully recovered exceeding pre-pandemic employment levels. **Transportation and Warehousing** could see an increase of 1,412 jobs, an increase of 2.10 percent. Driving the growth is *Truck Transportation*, which is predicted to add 617 jobs, while *Warehousing and Storage*, is projected to increase employment by 609, both making the Top 25 Growing Industries list. On the reverse side of the labor market, *Water Transportation* could see a 42.31 percent reduction in employment, becoming the second fastest declining industry.

The **Utilities** sector was stable during the pandemic but has lost about 321 jobs since first quarter 2020. The industry is predicted to continue its downward trend with a job loss of 76, or 1.01 percent of its workforce. Electric Power Generation, Transmission and Distribution is predicted to lose 79 jobs, or 1.41 percent of its workforce, while Natural Gas Distribution is slated to lose 21 jobs, or 2.16 percent of its own workforce. Water, Sewage and Other Systems may be the only bright spot, adding 24 new jobs, or 2.52 percent to its employment.

Information

The **Information** supersector lost 1,077 jobs between first and second quarter 2020. The **Information** supersector is forecasted to gain 255 jobs, or 2.05 percent during the 2022-2024 projection cycle. The industry group has surpassed pre-pandemic levels, gaining 254 jobs from first quarter 2020 and first quarter 2022, but not all industries have seen the same results. During the pandemic, Motion Picture and Video Industries lost over 62 percent of its workforce. The industry has recovered about 519 of the lost jobs but has not

reached pre-pandemic levels. Data Processing, Hosting and Related Services is expected to add 413 jobs to its workforce, while Software Publishers could be the third fastest growing industry in the state, gaining 18.01 percent. On the flip side of the economy, Newspaper, Periodical, Book, and Directory Publishers is likely to struggle, losing an estimated 219 jobs, or 14.05 percent of its workforce, placing fifth in percent decline and eighth in numeric decline.

Financial Activities

The **Financial Activities** supersector lost 672 jobs between first and second quarter 2020. By first quarter 2022, the industry has exceeded pre-pandemic employment levels. **Financial Activities** is estimated to increase by 5,150 or 7.40 percent during the projection period, making it the fastest growing supersector in the state. Most of those jobs come in the **Finance and Insurance** sector, which is slated to grow by 4,632 jobs. Insurance Carriers leads the supersector in numeric growth, projecting to add 3,468 jobs, an increase of 15.05 percent, becoming the second highest in numeric growth and among the five fastest growing statewide. The **Real Estate and Rental and Leasing** sector is predicted to add 518 jobs to its workforce. The sector lost 443 jobs during the pandemic and has experienced a net gain in jobs since first quarter 2020. Real Estate is slated to add 485 jobs, while Lessors of Nonfinancial Intangible Assets (except Copyrighted Works) could lose 14.06 percent of its workforce, placing it fourth in percent decline.

Professional and Business Services

The **Professional and Business Services** supersector lost 12,215 jobs between first and second quarter 2020. By first quarter 2022, the supersector has exceeded pre-pandemic levels. Between first quarter 2022 and first quarter 2024, **Professional and Business Services** is estimated to gain 5,428 new jobs, a 3.63 percent gain. The **Professional, Scientific, and Technical Services** sector is slated to add 1,991 new jobs, or an additional 4.21 percent. The sector lost 2,057 jobs during the pandemic and has since fully recovered.

Management, Scientific, and Technical Consulting Services is slated to add 575 jobs, an increase of 7.29 percent.

Management of Companies and Enterprises could increase employment by 2,228 jobs, placing fourth in the Top 20 Growing Industries list. The sector lost 862 jobs during the pandemic but has now exceeded pre-pandemic levels.

The **Administrative and Support and Waste Management and Remediation Services** sector lost the most jobs among **Professional Business Services**, cutting 9,296 jobs, or 13.97 percent of the workforce during the pandemic. However, the sector has surpassed pre-pandemic levels. The sector is expected to add 1,209 new jobs, an increase of 1.81 percent. Employment Services is projected to gain 537 jobs, while Other Support Services is expected to raise employment by 7.75 percent. On the flip side of the labor market, Business Support Services could lose 93 jobs, or 1.12 percent of its workforce.

Education and Health Services

Education and Health Services lost 19,875 jobs between first and second quarter 2020, some of which is the seasonal nature of parts of this industry group. This supersector has experienced a mixed recovery with some industries recovering completely, while others continuing to decline. **Education and Health Services** is estimated to add 6,418 jobs, an increase of 2.09 percent during the 2022-2024 projection cycle. The **Educational Services** sector is estimated to increase employment by 2,630 jobs, a 2.29 percent rise in employment. The sector is currently at 98.63% of pre-pandemic employment levels. Elementary and Secondary Schools could be seventh in numeric change, growing by 1,396 jobs. Business Schools and Computer and Management Training is slated to increase its employment by 13.46 percent, becoming one of the ten fastest growing industries in the state.

The **Healthcare and Social Assistance** sector lost 13,020 jobs during the pandemic and parts of this sector have continued to struggle, while others have fully recovered. The sector is slated to gain 3,788 new jobs during the projection period, a 1.97 percent gain. Most of the gain for this projection cycle is estimated to occur in *Ambulatory Health Care Services*, gaining 1,954 new jobs. This industry subsector has since fully recovered from its pandemic employment loss of 4,794 jobs. Offices of Physicians is set to be among the ten highest growing industries, adding 812 new jobs to its workforce, while General Medical and Surgical Hospitals, in the *Hospitals* subsector, is slated to add 781. On the negative side of the job market, Nursing Care Facilities (Skilled Nursing Facilities) could see a drop of 570 jobs, placing it third in numeric decline.

Leisure and Hospitality

The **Leisure and Hospitality** supersector was the hardest hit by the pandemic. The industry group lost 27,948 jobs as restrictions were placed heavily on this supersector. The supersector has struggled a bit, losing 1,524 jobs from first quarter 2020 and first quarter 2022.

Leisure and Hospitality is forecast to increase by 5,330, a growth of 4.54 percent. The **Arts, Entertainment, and Recreation** sector, which lost 3,006 jobs between first and second quarter 2020, is slated to gain 806 jobs between 2022 and 2024, or a 7.08 percent gain. The *Amusement, Gambling, and Recreation Industries* sector is slated to add 714 jobs. Independent Artists, Writers, and Performers is predicted to be the fifth fastest growing industry, increasing its workforce by 15.05 percent. One downside to this sector could come in Performing Arts Companies, which is predicted to cut 3.73 percent of its workforce, or 16 jobs being lost.

Accommodation and Food Services is projected to see a gain of 4,524 jobs, an increase of 4.26 percent. The sector experienced the worst loss of jobs during the pandemic with 24,942 jobs being lost. While strong recovery from the pandemic loss has occurred, the sector has lost 1,344 jobs from first quarter 2020 and first quarter 2022. Restaurants and Other Eating Places is anticipated to gain 3,714 new

jobs, or a 4.14 percent gain, making it the top growing industry in the state.

Other Services (Except Government)

The **Other Services (Except Government)** supersector lost 2,393 jobs between first and second quarter 2020. The industry group has exceeded pre-pandemic employment levels. **Other Services (Except Government)** is projected to gain 3,329 jobs between 2022 and 2024, an increase of 4.16 percent. The outlook is, however, mixed. *Religious, Grantmaking, Civic, Professional, and Similar Organizations* is estimated to gain 3,406 new jobs, an increase of 6.25 percent. Grantmaking and Giving Services is slated to be the third highest in numeric growth, adding 2,458 jobs, and second in percent growth, increasing by 34.41 percent. Two other industries in the major group could be among the ten fastest growing industries. Social Advocacy Organizations and Other Personal Services are each slated to increase by more than ten percent. On the negative side of the economy, Private Households could see a loss of 630 jobs, becoming the second highest declining industry in Arkansas. Drycleaning and Laundry Services could be among the ten fastest declining industries, losing 5.62 percent.

Government

Government employers grew during the pandemic second quarter 2020, gaining 570 jobs. However, the **Government** supersector has lost 2,223 jobs from first quarter 2020 and first quarter 2022. The supersector is expected to struggle this projection cycle, losing a projected 1,413 jobs. All three levels of government are anticipating losses with Local Government, Excluding Education and Hospitals estimating a drop of 941 jobs, while State Government, Excluding Education and Hospitals losing 347 jobs. Federal Government, Excluding Post Office is expected to lose 102 jobs, while Postal Service could experience a more modest cut of only 23 jobs.

Top 25 Growing Industries by Numeric Change

NAICS Code	NAICS Title	2022 Estimated Employment	2024 Projected Employment	Numeric Change	Percent Change
722500	Restaurants and Other Eating Places	89,758	93,472	3,714	4.14%
524100	Insurance Carriers	23,041	26,509	3,468	15.05%
813200	Grantmaking and Giving Services	7,144	9,602	2,458	34.41%
551000	Management of Companies and Enterprises	35,456	37,684	2,228	6.28%
424000	Merchant Wholesalers, Nondurable Goods	19,333	21,006	1,673	8.65%
238200	Building Equipment Contractors	20,175	21,741	1,566	7.76%
611100	Elementary and Secondary Schools	77,255	78,651	1,396	1.81%
452000	General Merchandise Stores	39,209	40,229	1,020	2.60%
621100	Offices of Physicians	27,151	27,963	812	2.99%
622100	General Medical and Surgical Hospitals	51,855	52,636	781	1.51%
423000	Merchant Wholesalers, Durable Goods	26,437	27,193	756	2.86%
611300	Colleges, Universities, and Professional Schools	26,866	27,617	751	2.80%
621300	Offices of Other Health Practitioners	10,684	11,416	732	6.85%
453000	Miscellaneous Store Retailers	7,909	8,595	686	8.67%
522000	Credit Intermediation and Related Activities	20,006	20,687	681	3.40%
813300	Social Advocacy Organizations	5,739	6,412	673	11.73%
444100	Building Material and Supplies Dealers	10,827	11,492	665	6.14%
333000	Machinery Manufacturing	12,261	12,917	656	5.35%
447000	Gasoline Stations	12,740	13,367	627	4.92%
484000	Truck Transportation	32,714	33,331	617	1.89%
493000	Warehousing and Storage	15,840	16,449	609	3.84%
332000	Fabricated Metal Product Manufacturing	15,628	16,234	606	3.88%
541600	Management, Scientific, and Technical Consulting Services	7,891	8,466	575	7.29%
311600	Animal Slaughtering and Processing	32,887	33,441	554	1.68%
561300	Employment Services	27,909	28,446	537	1.92%

Top 25 Fastest Growing Industries by Percent Change (Minimum 50 Employment)

NAICS Code	NAICS Title	2022 Estimated Employment	2024 Projected Employment	Numeric Change	Percent Change
454100	Electronic Shopping and Mail Order Houses	469	651	182	38.81%
813200	Grantmaking and Giving Services	7,144	9,602	2,458	34.41%
511200	Software Publishers	544	642	98	18.01%
331200	Steel Product Manufacturing from Purchased Steel	1,507	1,739	232	15.39%
524100	Insurance Carriers	23,041	26,509	3,468	15.05%
611400	Business Schools and Computer and Management Training	156	177	21	13.46%
813300	Social Advocacy Organizations	5,739	6,412	673	11.73%
236100	Residential Building Construction	4,295	4,769	474	11.04%
812900	Other Personal Services	1,375	1,526	151	10.98%
711500	Independent Artists, Writers, and Performers	79	87	8	10.13%
722300	Special Food Services	4,989	5,491	502	10.06%
518000	Data Processing, Hosting and Related Services	4,358	4,771	413	9.48%
622300	Specialty (except Psychiatric and Substance Abuse) Hospitals	5,986	6,506	520	8.69%
453000	Miscellaneous Store Retailers	7,909	8,595	686	8.67%
424000	Merchant Wholesalers, Nondurable Goods	19,333	21,006	1,673	8.65%
312000	Beverage and Tobacco Product Manufacturing	1,749	1,899	150	8.58%
611500	Technical and Trade Schools	1,283	1,391	108	8.42%
442100	Furniture Stores	1,998	2,161	163	8.16%
331100	Iron and Steel Mills and Ferroalloy Manufacturing	3,831	4,142	311	8.12%
512100	Motion Picture and Video Industries	982	1,059	77	7.84%
238200	Building Equipment Contractors	20,175	21,741	1,566	7.76%
321900	Other Wood Product Manufacturing	3,363	3,624	261	7.76%
561900	Other Support Services	1,238	1,334	96	7.75%
562900	Remediation and Other Waste Management Services	1,524	1,642	118	7.74%
541600	Management, Scientific, and Technical Consulting Services	7,891	8,466	575	7.29%

Top 25 Declining Industries by Numeric Change

NAICS Code	NAICS Title	2022 Estimated Employment	2024 Projected Employment	Numeric Change	Percent Change
999300	Local Government, Excluding Education and Hospitals	39,522	38,581	-941	-2.38%
814000	Private Households	6,370	5,740	-630	-9.89%
623100	Nursing Care Facilities (Skilled Nursing Facilities)	17,866	17,296	-570	-3.19%
112000	Animal Production	7,347	6,966	-381	-5.19%
999200	State Government, Excluding Education and Hospitals	31,276	30,929	-347	-1.11%
322100	Pulp, Paper, and Paperboard Mills	2,519	2,234	-285	-11.31%
425000	Wholesale Electronic Markets and Agents and Brokers	4,074	3,790	-284	-6.97%
511100	Newspaper, Periodical, Book, and Directory Publishers	1,559	1,340	-219	-14.05%
316200	Footwear Manufacturing	635	435	-200	-31.50%
115000	Support Activities for Agriculture and Forestry	5,122	4,930	-192	-3.75%
813100	Religious Organizations	32,651	32,487	-164	-0.50%
337000	Furniture and Related Product Manufacturing	3,358	3,218	-140	-4.17%
322200	Converted Paper Product Manufacturing	6,219	6,096	-123	-1.98%
443000	Electronics and Appliance Stores	2,971	2,852	-119	-4.01%
999100	Federal Government, Excluding Post Office	15,076	14,974	-102	-0.68%
621600	Home Health Care Services	6,379	6,281	-98	-1.54%
812300	Drycleaning and Laundry Services	1,726	1,629	-97	-5.62%
441100	Automobile Dealers	11,606	11,512	-94	-0.81%
517000	Telecommunications	3,274	3,181	-93	-2.84%
561400	Business Support Services	8,298	8,205	-93	-1.12%
221100	Electric Power Generation, Transmission and Distribution	5,595	5,516	-79	-1.41%
111000	Crop Production	8,049	7,984	-65	-0.81%
811200	Electronic and Precision Equipment Repair and Maintenance	893	847	-46	-5.15%
237200	Land Subdivision	80	43	-37	-46.25%
811400	Personal and Household Goods Repair and Maintenance	715	686	-29	-4.06%

Top 25 Fastest Declining Industries by Percent Change (Minimum Decline of 5)

NAICS Code	NAICS Title	2022 Estimated Employment	2024 Projected Employment	Numeric Change	Percent Change
237200	Land Subdivision	80	43	-37	-46.25%
483000	Water Transportation	26	15	-11	-42.31%
316200	Footwear Manufacturing	635	435	-200	-31.50%
533000	Lessors of Nonfinancial Intangible Assets (except Copyrighted Works)	64	55	-9	-14.06%
511100	Newspaper, Periodical, Book, and Directory Publishers	1,559	1,340	-219	-14.05%
322100	Pulp, Paper, and Paperboard Mills	2,519	2,234	-285	-11.31%
814000	Private Households	6,370	5,740	-630	-9.89%
425000	Wholesale Electronic Markets and Agents and Brokers	4,074	3,790	-284	-6.97%
488300	Support Activities for Water Transportation	444	419	-25	-5.63%
812300	Drycleaning and Laundry Services	1,726	1,629	-97	-5.62%
112000	Animal Production	7,347	6,966	-381	-5.19%
811200	Electronic and Precision Equipment Repair and Maintenance	893	847	-46	-5.15%
337000	Furniture and Related Product Manufacturing	3,358	3,218	-140	-4.17%
811400	Personal and Household Goods Repair and Maintenance	715	686	-29	-4.06%
443000	Electronics and Appliance Stores	2,971	2,852	-119	-4.01%
115000	Support Activities for Agriculture and Forestry	5,122	4,930	-192	-3.75%
711100	Performing Arts Companies	429	413	-16	-3.73%
623100	Nursing Care Facilities (Skilled Nursing Facilities)	17,866	17,296	-570	-3.19%
999300	Local Government, Excluding Education and Hospitals	39,522	38,581	-941	-2.38%
451200	Book, Periodical, and Music Stores	379	370	-9	-2.37%
331400	Nonferrous Metal (except Aluminum) Production and Processing	268	262	-6	-2.24%
221200	Natural Gas Distribution	972	951	-21	-2.16%
448200	Shoe Stores	903	884	-19	-2.10%
322200	Converted Paper Product Manufacturing	6,219	6,096	-123	-1.98%
621600	Home Health Care Services	6,379	6,281	-98	-1.54%

2022-2024 Arkansas-Statewide Short-Term Industry Projections

NAICS Code	NAICS Title	2022 Estimated Employment	2024 Projected Employment	Numeric Change	Percent Change
000000	TOTAL ALL INDUSTRIES	1,443,563	1,482,621	39,058	2.71%
006010	Self Employed Workers, All Jobs	108,260	109,685	1,425	1.32%
101000	Goods Producing	242,022	247,972	5,950	2.46%
101100	NATURAL RESOURCES AND MINING	26,030	25,335	-695	-2.67%
110000	Agriculture, Forestry, Fishing and Hunting	22,721	22,011	-710	-3.12%
111000	<i>Crop Production</i>	8,049	7,984	-65	-0.81%
112000	<i>Animal Production</i>	7,347	6,966	-381	-5.19%
115000	<i>Support Activities for Agriculture and Forestry</i>	5,122	4,930	-192	-3.75%
210000	Mining	3,309	3,324	15	0.45%
211000	<i>Oil and Gas Extraction</i>	444	439	-5	-1.13%
212000	<i>Mining (except Oil and Gas)</i>	1,834	1,847	13	0.71%
213000	<i>Support Activities for Mining</i>	1,031	1,038	7	0.68%
101200	CONSTRUCTION	55,566	58,296	2,730	4.91%
236000	<i>Construction of Buildings</i>	11,260	11,764	504	4.48%
236100	Residential Building Construction	4,295	4,769	474	11.04%
236200	Nonresidential Building Construction	6,965	6,995	30	0.43%
237000	<i>Heavy and Civil Engineering Construction</i>	9,204	9,514	310	3.37%
237100	Utility System Construction	5,331	5,612	281	5.27%
237200	Land Subdivision	80	43	-37	-46.25%
237300	Highway, Street, and Bridge Construction	3,083	3,139	56	1.82%
237900	Other Heavy and Civil Engineering Construction	710	720	10	1.41%
238000	<i>Specialty Trade Contractors</i>	35,102	37,018	1,916	5.46%
238100	Foundation, Structure, and Building Exterior Contractors	5,826	5,934	108	1.85%

2022-2024 Arkansas-Statewide Short-Term Industry Projections

NAICS Code	NAICS Title	2022 Estimated Employment	2024 Projected Employment	Numeric Change	Percent Change
238200	Building Equipment Contractors	20,175	21,741	1,566	7.76%
238300	Building Finishing Contractors	3,984	4,158	174	4.37%
238900	Other Specialty Trade Contractors	5,117	5,185	68	1.33%
101300	MANUFACTURING	160,426	164,341	3,915	2.44%
	Non-Durable Goods Manufacturing	83,122	84,489	1,367	1.64%
311000	<i>Food Manufacturing</i>	49,544	50,752	1,208	2.44%
311100	Animal Food Manufacturing	2,007	2,120	113	5.63%
311200	Grain and Oilseed Milling	2,917	3,081	164	5.62%
311400	Fruit and Vegetable Preserving and Specialty Food Manufacturing	4,427	4,489	62	1.40%
311600	Animal Slaughtering and Processing	32,887	33,441	554	1.68%
311800	Bakeries and Tortilla Manufacturing	4,281	4,472	191	4.46%
311900	Other Food Manufacturing	2,474	2,606	132	5.34%
312000	<i>Beverage and Tobacco Product Manufacturing</i>	1,749	1,899	150	8.58%
313000	<i>Textile Mills</i>	148	211	63	42.57%
314000	<i>Textile Product Mills</i>	788	800	12	1.52%
314100	Textile Furnishings Mills	20	20	0	0.00%
314900	Other Textile Product Mills	768	780	12	1.56%
315000	<i>Apparel Manufacturing</i>	709	731	22	3.10%
315100	Apparel Knitting Mills	397	409	12	3.02%
315200	Cut and Sew Apparel Manufacturing	177	181	4	2.26%
315900	Apparel Accessories and Other Apparel Manufacturing	135	141	6	4.44%
316000	<i>Leather and Allied Product Manufacturing</i>	819	615	-204	-24.91%
316200	Footwear Manufacturing	635	435	-200	-31.50%
322000	<i>Paper Manufacturing</i>	8,738	8,330	-408	-4.67%
322100	Pulp, Paper, and Paperboard Mills	2,519	2,234	-285	-11.31%
322200	Converted Paper Product Manufacturing	6,219	6,096	-123	-1.98%
323000	<i>Printing and Related Support Activities</i>	3,039	3,022	-17	-0.56%
324000	<i>Petroleum and Coal Products Manufacturing</i>	1,134	1,177	43	3.79%

2022-2024 Arkansas-Statewide Short-Term Industry Projections

NAICS Code	NAICS Title	2022 Estimated Employment	2024 Projected Employment	Numeric Change	Percent Change
325000	<i>Chemical Manufacturing</i>	5,458	5,555	97	1.78%
326000	<i>Plastics and Rubber Products Manufacturing</i>	10,996	11,397	401	3.65%
326100	Plastics Product Manufacturing	6,777	7,002	225	3.32%
326200	Rubber Product Manufacturing	4,219	4,395	176	4.17%
	Durable Goods Manufacturing	77,304	79,852	2,548	3.30%
321000	<i>Wood Product Manufacturing</i>	10,380	10,843	463	4.46%
321100	Sawmills and Wood Preservation	4,903	4,993	90	1.84%
321200	Veneer, Plywood, and Engineered Wood Product Manufacturing	2,114	2,226	112	5.30%
321900	Other Wood Product Manufacturing	3,363	3,624	261	7.76%
327000	<i>Nonmetallic Mineral Product Manufacturing</i>	3,468	3,461	-7	-0.20%
331000	<i>Primary Metal Manufacturing</i>	7,880	8,413	533	6.76%
331100	Iron and Steel Mills and Ferroalloy Manufacturing	3,831	4,142	311	8.12%
331200	Steel Product Manufacturing from Purchased Steel	1,507	1,739	232	15.39%
331300	Alumina and Aluminum Production	891	907	16	1.80%
331400	Nonferrous Metal (except Aluminum) Production and Processing	268	262	-6	-2.24%
331500	Foundries	1,383	1,363	-20	-1.45%
332000	<i>Fabricated Metal Product Manufacturing</i>	15,628	16,234	606	3.88%
333000	<i>Machinery Manufacturing</i>	12,261	12,917	656	5.35%
336000	<i>Transportation Equipment Manufacturing</i>	14,575	15,065	490	3.36%
336200	Motor Vehicle Body and Trailer Manufacturing	2,255	2,279	24	1.06%
336300	Motor Vehicle Parts Manufacturing	4,683	4,741	58	1.24%
336400	Aerospace Product and Parts Manufacturing	4,095	4,392	297	7.25%
336600	Ship and Boat Building	2,203	2,294	91	4.13%
337000	<i>Furniture and Related Product Manufacturing</i>	3,358	3,218	-140	-4.17%
339000	<i>Miscellaneous Manufacturing</i>	3,607	3,673	66	1.83%
339100	Medical Equipment and Supplies Manufacturing	1,810	1,831	21	1.16%
339900	Other Miscellaneous Manufacturing	1,797	1,842	45	2.50%
102000	Services Providing	1,093,281	1,124,964	31,683	2.90%

2022-2024 Arkansas-Statewide Short-Term Industry Projections

NAICS Code	NAICS Title	2022 Estimated Employment	2024 Projected Employment	Numeric Change	Percent Change
102100	TRADE, TRANSPORTATION, AND UTILITIES	265,150	272,336	7,186	2.71%
420000	Wholesale Trade	49,844	51,989	2,145	4.30%
423000	<i>Merchant Wholesalers, Durable Goods</i>	26,437	27,193	756	2.86%
424000	<i>Merchant Wholesalers, Nondurable Goods</i>	19,333	21,006	1,673	8.65%
425000	<i>Wholesale Electronic Markets and Agents and Brokers</i>	4,074	3,790	-284	-6.97%
440000	Retail Trade	140,398	144,103	3,705	2.64%
441000	<i>Motor Vehicle and Parts Dealers</i>	19,408	19,640	232	1.20%
441100	Automobile Dealers	11,606	11,512	-94	-0.81%
441200	Other Motor Vehicle Dealers	1,846	1,928	82	4.44%
441300	Automotive Parts, Accessories, and Tire Stores	5,956	6,200	244	4.10%
442000	<i>Furniture and Home Furnishings Stores</i>	3,533	3,690	157	4.44%
442100	Furniture Stores	1,998	2,161	163	8.16%
442200	Home Furnishings Stores	1,535	1,529	-6	-0.39%
443000	<i>Electronics and Appliance Stores</i>	2,971	2,852	-119	-4.01%
444000	<i>Building Material and Garden Equipment and Supplies Dealers</i>	13,108	13,882	774	5.90%
444100	Building Material and Supplies Dealers	10,827	11,492	665	6.14%
444200	Lawn and Garden Equipment and Supplies Stores	2,281	2,390	109	4.78%
445000	<i>Food and Beverage Stores</i>	20,503	20,506	3	0.01%
446000	<i>Health and Personal Care Stores</i>	8,817	8,782	-35	-0.40%
447000	<i>Gasoline Stations</i>	12,740	13,367	627	4.92%
448000	<i>Clothing and Clothing Accessories Stores</i>	6,994	7,083	89	1.27%
448100	Clothing Stores	5,434	5,532	98	1.80%
448200	Shoe Stores	903	884	-19	-2.10%
448300	Jewelry, Luggage, and Leather Goods Stores	657	667	10	1.52%
451000	<i>Sporting Goods, Hobby, Book, and Music Stores</i>	4,204	4,301	97	2.31%
451100	Sporting Goods, Hobby, and Musical Instrument Stores	3,825	3,931	106	2.77%
451200	Book, Periodical, and Music Stores	379	370	-9	-2.37%
452000	<i>General Merchandise Stores</i>	39,209	40,229	1,020	2.60%
453000	<i>Miscellaneous Store Retailers</i>	7,909	8,595	686	8.67%

2022-2024 Arkansas-Statewide Short-Term Industry Projections

NAICS Code	NAICS Title	2022 Estimated Employment	2024 Projected Employment	Numeric Change	Percent Change
454000	<i>Nonstore Retailers</i>	1,002	1,176	174	17.37%
454100	Electronic Shopping and Mail Order Houses	469	651	182	38.81%
454300	Direct Selling Establishments	533	525	-8	-1.50%
480000	Transportation and Warehousing	67,390	68,802	1,412	2.10%
481000	<i>Air Transportation</i>	675	686	11	1.63%
481100	Scheduled Air Transportation	598	606	8	1.34%
481200	Nonscheduled Air Transportation	77	80	3	3.90%
483000	<i>Water Transportation</i>	26	15	-11	-42.31%
484000	<i>Truck Transportation</i>	32,714	33,331	617	1.89%
486000	<i>Pipeline Transportation</i>	508	461	-47	-9.25%
488000	<i>Support Activities for Transportation</i>	5,713	5,847	134	2.35%
488100	Support Activities for Air Transportation	1,126	1,172	46	4.09%
488200	Support Activities for Rail Transportation	584	604	20	3.42%
488300	Support Activities for Water Transportation	444	419	-25	-5.63%
488400	Support Activities for Road Transportation	926	965	39	4.21%
488500	Freight Transportation Arrangement	2,556	2,610	54	2.11%
488900	Other Support Activities for Transportation	77	77	0	0.00%
492000	<i>Couriers and Messengers</i>	6,356	6,786	430	6.77%
493000	<i>Warehousing and Storage</i>	15,840	16,449	609	3.84%
220000	Utilities	7,518	7,442	-76	-1.01%
221100	Electric Power Generation, Transmission and Distribution	5,595	5,516	-79	-1.41%
221200	Natural Gas Distribution	972	951	-21	-2.16%
221300	Water, Sewage and Other Systems	951	975	24	2.52%
102200	INFORMATION	12,441	12,696	255	2.05%

2022-2024 Arkansas-Statewide Short-Term Industry Projections

NAICS Code	NAICS Title	2022 Estimated Employment	2024 Projected Employment	Numeric Change	Percent Change
511000	<i>Publishing Industries (except Internet)</i>	2,103	1,982	-121	-5.75%
511100	Newspaper, Periodical, Book, and Directory Publishers	1,559	1,340	-219	-14.05%
511200	Software Publishers	544	642	98	18.01%
512000	<i>Motion Picture and Sound Recording Industries</i>	1,009	1,089	80	7.93%
512100	Motion Picture and Video Industries	982	1,059	77	7.84%
512200	Sound Recording Industries	27	30	3	11.11%
515000	<i>Broadcasting (except Internet)</i>	1,352	1,305	-47	-3.48%
517000	<i>Telecommunications</i>	3,274	3,181	-93	-2.84%
518000	<i>Data Processing, Hosting and Related Services</i>	4,358	4,771	413	9.48%
519000	<i>Other Information Services</i>	345	368	23	6.67%
102300	FINANCIAL ACTIVITIES	69,604	74,754	5,150	7.40%
520000	Finance and Insurance	55,235	59,867	4,632	8.39%
522000	<i>Credit Intermediation and Related Activities</i>	20,006	20,687	681	3.40%
523000	<i>Securities, Commodity Contracts, and Other Financial Investments and Related Activities</i>	3,153	3,202	49	1.55%
524000	<i>Insurance Carriers and Related Activities</i>	31,986	35,893	3,907	12.21%
524100	Insurance Carriers	23,041	26,509	3,468	15.05%
524200	Agencies, Brokerages, and Other Insurance Related Activities	8,945	9,384	439	4.91%
530000	Real Estate and Rental and Leasing	14,369	14,887	518	3.60%
531000	<i>Real Estate</i>	10,533	11,018	485	4.60%
532000	<i>Rental and Leasing Services</i>	3,772	3,814	42	1.11%
533000	<i>Lessors of Nonfinancial Intangible Assets (except Copyrighted Works)</i>	64	55	-9	-14.06%
102400	PROFESSIONAL AND BUSINESS SERVICES	149,500	154,928	5,428	3.63%
540000	Professional, Scientific, and Technical Services	47,316	49,307	1,991	4.21%
541100	Legal Services	6,197	6,470	273	4.41%

2022-2024 Arkansas-Statewide Short-Term Industry Projections

NAICS Code	NAICS Title	2022 Estimated Employment	2024 Projected Employment	Numeric Change	Percent Change
541200	Accounting, Tax Preparation, Bookkeeping, and Payroll Services	6,838	7,105	267	3.90%
541300	Architectural, Engineering, and Related Services	7,039	7,328	289	4.11%
541400	Specialized Design Services	491	497	6	1.22%
541500	Computer Systems Design and Related Services	8,911	9,140	229	2.57%
541600	Management, Scientific, and Technical Consulting Services	7,891	8,466	575	7.29%
541700	Scientific Research and Development Services	1,002	1,017	15	1.50%
541800	Advertising, Public Relations, and Related Services	4,229	4,314	85	2.01%
541900	Other Professional, Scientific, and Technical Services	4,718	4,970	252	5.34%
550000	Management of Companies and Enterprises	35,456	37,684	2,228	6.28%
560000	Administrative and Support and Waste Management and Remediation Services	66,728	67,937	1,209	1.81%
<i>561000</i>	<i>Administrative and Support Services</i>	<i>62,637</i>	<i>63,609</i>	<i>972</i>	<i>1.55%</i>
561100	Office Administrative Services	4,193	4,369	176	4.20%
561200	Facilities Support Services	732	749	17	2.32%
561300	Employment Services	27,909	28,446	537	1.92%
561400	Business Support Services	8,298	8,205	-93	-1.12%
561500	Travel Arrangement and Reservation Services	277	277	0	0.00%
561600	Investigation and Security Services	4,736	4,793	57	1.20%
561700	Services to Buildings and Dwellings	15,254	15,436	182	1.19%
561900	Other Support Services	1,238	1,334	96	7.75%
<i>562000</i>	<i>Waste Management and Remediation Service</i>	<i>4,091</i>	<i>4,328</i>	<i>237</i>	<i>5.79%</i>
562100	Waste Collection	1,335	1,383	48	3.60%
562200	Waste Treatment and Disposal	1,232	1,303	71	5.76%
562900	Remediation and Other Waste Management Services	1,524	1,642	118	7.74%
102500	EDUCATION AND HEALTH SERVICES	307,625	314,043	6,418	2.09%
610000	Educational Services	114,916	117,546	2,630	2.29%

2022-2024 Arkansas-Statewide Short-Term Industry Projections

NAICS Code	NAICS Title	2022 Estimated Employment	2024 Projected Employment	Numeric Change	Percent Change
611100	Elementary and Secondary Schools	77,255	78,651	1,396	1.81%
611200	Junior Colleges	6,788	7,020	232	3.42%
611300	Colleges, Universities, and Professional Schools	26,866	27,617	751	2.80%
611400	Business Schools and Computer and Management Training	156	177	21	13.46%
611500	Technical and Trade Schools	1,283	1,391	108	8.42%
611600	Other Schools and Instruction	1,933	2,023	90	4.66%
611700	Educational Support Services	635	667	32	5.04%
620000	Health Care and Social Assistance	192,709	196,497	3,788	1.97%
621000	<i>Ambulatory Health Care Services</i>	62,455	64,409	1,954	3.13%
621100	Offices of Physicians	27,151	27,963	812	2.99%
621200	Offices of Dentists	7,765	7,839	74	0.95%
621300	Offices of Other Health Practitioners	10,684	11,416	732	6.85%
621400	Outpatient Care Centers	5,704	5,890	186	3.26%
621500	Medical and Diagnostic Laboratories	1,689	1,770	81	4.80%
621600	Home Health Care Services	6,379	6,281	-98	-1.54%
621900	Other Ambulatory Health Care Services	3,083	3,250	167	5.42%
622000	<i>Hospitals</i>	66,630	68,438	1,808	2.71%
622100	General Medical and Surgical Hospitals	51,855	52,636	781	1.51%
622200	Psychiatric and Substance Abuse Hospitals	8,789	9,296	507	5.77%
622300	Specialty (except Psychiatric and Substance Abuse) Hospitals	5,986	6,506	520	8.69%
623000	<i>Nursing and Residential Care Facilities</i>	26,932	26,515	-417	-1.55%
623100	Nursing Care Facilities (Skilled Nursing Facilities)	17,866	17,296	-570	-3.19%
623200	Residential Intellectual & Developmental Disability, Mental Health, & Substance Abuse Facilities	3,957	3,981	24	0.61%
623300	Continuing Care Retirement Communities and Assisted Living Facilities for the Elderly	4,189	4,285	96	2.29%
623900	Other Residential Care Facilities	920	953	33	3.59%
624000	<i>Social Assistance</i>	36,692	37,135	443	1.21%
624100	Individual and Family Services	22,267	22,380	113	0.51%
624200	Community Food and Housing, and Emergency and Other Relief Services	1,459	1,491	32	2.19%
624300	Vocational Rehabilitation Services	2,510	2,484	-26	-1.04%

2022-2024 Arkansas-Statewide Short-Term Industry Projections

NAICS Code	NAICS Title	2022 Estimated Employment	2024 Projected Employment	Numeric Change	Percent Change
624400	Child Day Care Services	10,456	10,780	324	3.10%
102600	LEISURE AND HOSPITALITY	117,500	122,830	5,330	4.54%
710000	Arts, Entertainment, and Recreation	11,380	12,186	806	7.08%
711000	<i>Performing Arts, Spectator Sports, and Related Industries</i>	2,279	2,323	44	1.93%
711100	Performing Arts Companies	429	413	-16	-3.73%
711200	Spectator Sports	1,152	1,175	23	2.00%
711300	Promoters of Performing Arts, Sports, and Similar Events	580	612	32	5.52%
711400	Agents and Managers for Artists, Athletes, Entertainers, and Other Public Figures	39	36	-3	-7.69%
711500	Independent Artists, Writers, and Performers	79	87	8	10.13%
712000	<i>Museums, Historical Sites, and Similar Institution</i>	781	829	48	6.15%
713000	<i>Amusement, Gambling, and Recreation Industries</i>	8,320	9,034	714	8.58%
720000	Accommodation and Food Services	106,120	110,644	4,524	4.26%
721000	<i>Accommodation, including Hotels and Motels</i>	10,410	10,697	287	2.76%
721100	Traveler Accommodation	9,894	10,165	271	2.74%
721200	RV (Recreational Vehicle) Parks and Recreational Camps	427	439	12	2.81%
721300	Rooming and Boarding Houses	89	93	4	4.49%
722000	<i>Food Services and Drinking Places</i>	95,710	99,947	4,237	4.43%
722300	Special Food Services	4,989	5,491	502	10.06%
722400	Drinking Places (Alcoholic Beverages)	963	984	21	2.18%
722500	Restaurants and Other Eating Places	89,758	93,472	3,714	4.14%
102700	Other Services (except Government)	80,057	83,386	3,329	4.16%
811000	<i>Repair and Maintenance</i>	11,809	12,101	292	2.47%
811100	Automotive Repair and Maintenance	7,480	7,766	286	3.82%
811200	Electronic and Precision Equipment Repair and Maintenance	893	847	-46	-5.15%

2022-2024 Arkansas-Statewide Short-Term Industry Projections

NAICS Code	NAICS Title	2022 Estimated Employment	2024 Projected Employment	Numeric Change	Percent Change
811300	Commercial and Industrial Machinery and Equipment (except Automotive and Electronic) Repair and Maintenance	2,721	2,802	81	2.98%
811400	Personal and Household Goods Repair and Maintenance	715	686	-29	-4.06%
812000	<i>Personal and Laundry Services</i>	7,368	7,630	262	3.56%
812100	Personal Care Services	2,773	2,960	187	6.74%
812200	Death Care Services	1,494	1,515	21	1.41%
812300	Drycleaning and Laundry Services	1,726	1,629	-97	-5.62%
812900	Other Personal Services	1,375	1,526	151	10.98%
813000	<i>Religious, Grantmaking, Civic, Professional, and Similar Organizations</i>	54,510	57,915	3,405	6.25%
813100	Religious Organizations	32,651	32,487	-164	-0.50%
813200	Grantmaking and Giving Services	7,144	9,602	2,458	34.41%
813300	Social Advocacy Organizations	5,739	6,412	673	11.73%
813400	Civic and Social Organizations	1,044	1,055	11	1.05%
813900	Business, Professional, Labor, Political, and Similar Organizations	7,932	8,359	427	5.38%
814000	<i>Private Households</i>	6,370	5,740	-630	-9.89%
102800	GOVERNMENT	91,404	89,991	-1,413	-1.55%
910000	<i>Total Federal Government Employment</i>	20,606	20,481	-125	-0.61%
491100	Postal Service	5,530	5,507	-23	-0.42%
999100	Federal Government, Excluding Post Office	15,076	14,974	-102	-0.68%
999200	State Government, Excluding Education and Hospitals	31,276	30,929	-347	-1.11%
999300	Local Government, Excluding Education and Hospitals	39,522	38,581	-941	-2.38%

EXPLANATION OF OCCUPATIONAL PROJECTIONS DATA ARKANSAS-STATEWIDE 2022-2024

Standard Occupational Classification (SOC)		Employment		Change		Annual Separations		Annual Openings		Education/ Training Codes
Code	Title	2022 Estimated	2024 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 2022	The projected number of jobs expected to be in an occupation in 2024	Total number of jobs an occupation is expected to gain or lose over the 2022 to 2024 period	Percent change in the number of jobs in an occupation over the 2022 to 2024 period	Average number of annual job openings expected to be created during the projection period due to those leaving the workforce for four months or more	Average number of annual job openings expected to be created during the projection period due to those transferring to an occupation in a different SOC Major Group	Average number of annual job openings expected to be created during the projection period due to the gain or decline of jobs in an occupation	Average number of annual job openings expected to be created during the projection period due to employment growth and separations	Level of training needed by most workers to become fully qualified in the occupation according to the Bureau of Labor Statistics. See page 82 for definitions.

2022-2024 Arkansas Statewide Occupational Projections by Major Group

Standard Occupational Classification		Employment		Change		Annual Separations		Annual Openings	
SOC Code	SOC Title	2022 Estimated	2024 Projected	Numeric	Percent	Exits	Transfers	Change ¹	Total ²
00-0000	Total, All Occupations	1,443,563	1,482,621	39,058	2.71%	71,868	97,972	19,529	189,369
11-0000	Management Occupations	137,192	141,220	4,028	2.94%	5,599	6,885	2,014	14,498
13-0000	Business and Financial Operations Occupations	75,003	79,716	4,713	6.28%	2,396	4,397	2,356	9,149
15-0000	Computer and Mathematical Occupations	24,083	25,325	1,242	5.16%	554	1,194	621	2,369
17-0000	Architecture and Engineering Occupations	11,899	12,297	398	3.34%	352	578	199	1,129
19-0000	Life, Physical, and Social Science Occupations	8,354	8,503	149	1.78%	194	638	74	906
21-0000	Community and Social Service Occupations	33,681	34,295	614	1.82%	1,400	1,874	307	3,581
23-0000	Legal Occupations	7,607	7,914	307	4.04%	258	332	154	744
25-0000	Educational Instruction and Library Occupations	84,206	86,193	1,987	2.36%	3,698	3,796	994	8,488
27-0000	Arts, Design, Entertainment, Sports, and Media Occupations	15,996	16,503	507	3.17%	676	1,014	254	1,944
29-0000	Healthcare Practitioners and Technical Occupations	87,010	89,116	2,106	2.42%	2,698	2,573	1,053	6,324
31-0000	Healthcare Support Occupations	56,199	57,023	824	1.47%	3,765	4,666	412	8,843
33-0000	Protective Service Occupations	26,725	26,469	-256	-0.96%	1,246	1,589	-128	2,707
35-0000	Food Preparation and Serving Related Occupations	105,351	109,799	4,448	4.22%	9,280	10,850	2,224	22,354
37-0000	Building and Grounds Cleaning and Maintenance Occupations	44,858	45,264	406	0.91%	2,824	3,267	203	6,294
39-0000	Personal Care and Service Occupations	27,077	27,882	805	2.97%	1,942	2,806	402	5,150
41-0000	Sales and Related Occupations	136,496	140,732	4,236	3.10%	8,166	10,428	2,118	20,712
43-0000	Office and Administrative Support Occupations	165,744	168,396	2,652	1.60%	8,978	11,182	1,326	21,486
45-0000	Farming, Fishing, and Forestry Occupations	16,860	16,524	-336	-1.99%	848	1,796	-168	2,476
47-0000	Construction and Extraction Occupations	52,889	54,558	1,669	3.16%	1,875	3,426	834	6,135
49-0000	Installation, Maintenance, and Repair Occupations	61,604	63,518	1,914	3.11%	2,278	3,733	957	6,968
51-0000	Production Occupations	115,441	117,569	2,128	1.84%	5,074	8,442	1,064	14,580
53-0000	Transportation and Material Moving Occupations	149,288	153,805	4,517	3.03%	7,768	12,505	2,258	22,531

1. The Annual Change is the Numeric Change equally distributed between the two years.
2. The Total Annual Openings is the sum of the Annual Exits, Transfers, and Change.

Occupational Outlook

The Arkansas labor market is expected to see a growth of 39,058 jobs over the 2022-2024 projection period, an increase of 2.71 percent. With this, job opportunities for recent graduates and other job seekers are likely available. There is expected to be 189,369 total annual job openings during the projection period, with 71,868 openings available due to employees exiting the workforce. Another 97,972 are estimated to be available due to employees changing jobs, while 19,529 would be available due to growth and expansion in the economy. All but two occupational groups are estimated to see net job gains.

Management Occupations

The **Management Occupations** major group is projected to gain 4,028 jobs, an increase of 2.94 percent of its workforce. During the projection period, 14,498 annual job openings are estimated to be available, with 5,599 due to employees leaving the workforce and 6,885 for those changing jobs. Another 2,014 is forecast to be available annually due to growth and expansion. Driving the gain is General and Operations Managers with a gain of 1,309 jobs, placing second in the Top 25 Growing Occupations list. Fundraising Managers are predicted to be the second fastest growing occupation, increasing by 28.68 percent. Farmers, Ranchers, and Other Agricultural Managers is expected to have 4,638 annual job openings, placing sixth in the state. With 3,049 of those being annual exits, the occupation is the second most likely occupation for employees exiting the workforce.

Business and Financial Operations Occupations

The **Business and Financial Operations Occupations** major group is estimated to gain 4,713 jobs during the projection period, a 6.28 percent gain, becoming the top and fastest growing major group. Of the 9,149 annual job openings, 2,396 could come from employees exiting the workforce, while 4,397 would come from changing jobs. Another 2,356 job openings would be related to growth and expansion. *Business Operations Specialists* is slated to add 3,662 jobs. Within this group, Fundraisers is predicted to be the fastest growing occupation in the state, raising employment by 31.36 percent. Claims

Adjusters, Examiners, and Investigators is predicted to add 878 new jobs to the workforce, placing the occupation ninth on the Top 25 Growing Occupations list. The occupation could be the seventh fastest growing occupation, at a rate of 11.34 percent. Insurance Underwriters is forecast to increase by 13.23 percent, third fastest in the state.

Computer and Mathematical Occupations

The **Computer and Mathematical Occupations** major group is expected to gain 1,242 jobs, an increase of 5.16 percent. With 2,369 annual job openings, 554 are set to come from employees leaving the workforce, 1,194 from those changing jobs, and 621 from growth and expansion. Much of the gain is projected to occur in the *Computer Occupations* occupational family, adding 1,137 jobs. The top growing occupation in the major group is Software Developers with 322 new jobs. *Mathematical Science Occupations* is estimated to add an additional 105 jobs to its workforce. Data Scientists is among the ten fastest growing occupations in the state, gaining 10.18 percent.

Architecture and Engineering Occupations

The **Architecture and Engineering Occupations** major group is predicted to add 398 new jobs between first quarter 2022 and first quarter 2024. The major group is estimated to have 1,129 annual job openings, of which 352 would be from those exiting the workforce and 578 from those transferring to other occupational groups. Another 199 jobs are related to growth and expansion. *Engineers* is projected to add 267 jobs to its workforce, more than two-thirds of the overall

growth. Leading the major group is Civil Engineers, adding 62 jobs to its workforce, while Materials Engineers is slated to be the fastest growing occupation, gaining 9.52 percent.

Life, Physical, and Social Science Occupations

The **Life, Physical, and Social Science Occupations** could see an increase of 149 jobs during the projection period. Of 906 total annual openings, 194 are slated to come from employees leaving the workforce, while 638 would be associated with employees changing jobs. Another 74 jobs are due to growth and expansion. The *Life, Physical, and Social Science Technicians* occupational family is predicted to see a gain of 60 jobs, while *Social Scientists and Related Workers* is projected to add 43 new jobs to its workforce. The biggest gain in this major group is Chemical Technicians, estimated to add 25 jobs. Social Science Research Assistants is predicted to be the fastest growing occupation in the major group, growing by a rate of 7.74 percent. On the negative side of the labor market, Foresters could see a loss of 13 jobs.

Community and Social Service Occupations

The **Community and Social Service Occupations** major group is projected to increase by 614 employees during the projection period, an increase of 1.82 percent. The occupational group is estimated to have 3,581 annual job openings, with 1,400 coming from employees leaving the workforce, 1,874 coming from employees changing jobs, and 307 related to growth and expansion. The entire growth is expected to occur in the *Counselors, Social Workers, and Other Community and Social Service Specialists* occupational family. Leading the major group is Social and Human Service Assistants, gaining 357 jobs. The *Religious Workers* occupational family is predicted to experience stability in its job market, with minimal change during the projection period.

Legal Occupations

The **Legal Occupations** major group is forecast to increase staffing by 307 jobs between first quarter 2022 and first quarter 2024. Of the 744 total annual openings, 258 could come from staff leaving the workforce, while 332 would be related to job transfers. Growth and expansion would account for 154 annual job openings. *Lawyers, Judges, and Related Workers* is slated to add 110 jobs during the projection period, with Lawyers estimated to gain 114 new jobs. *Legal Support Workers* is slated to add 197 jobs to its workforce. Paralegals leads this occupational family with 160 new jobs, a 5.57 percent gain.

Educational Instruction and Library Occupations

The **Educational Instruction and Library Occupations** major group is forecast to gain 1,987 jobs during the 2022-2024 projection cycle. Out of 8,488 annual job openings, 3,698 could come from employees leaving their jobs, while 3,796 could be created from employees changing jobs. Another 994 would be for growth and expansion. *Preschool, Primary, Secondary, and Special Education School Teachers* could see a growth of 928 jobs. Secondary School Teachers, Except Special and Career/Technical Education and Elementary School Teachers, Except Special Education are estimated to see gains of 253 and 252 jobs, respectively. Health Specialties Teachers, Postsecondary is projected to be the fastest growing occupation in the major group, increasing by 6.07 percent.

Arts, Design, Entertainment, Sports, and Media Occupations

The **Arts, Design, Entertainment, Sports, and Media Occupations** major group is estimated to gain 507 jobs during the projection period. Of the 1,944 annual job openings, 676 would come from employees leaving the workforce and 1,014 is connected to those who change jobs. Growth and expansion in the job market could account for 254 openings annually. *Media and Communication Workers* is projected

to add 129 jobs. Leading the major group in growth is Public Relations Specialists, which is anticipated to add 148 jobs to its workforce, an increase of 7.80 percent. *Entertainers and Performers, Sports and Related Workers* is estimated to gain 118 jobs. On the negative side of the labor market, Editors is slated to lose 29 jobs, while News Analysts, Reporters, and Journalists is predicted to cut 8.45 percent from its ranks, becoming the third fastest declining occupation.

Healthcare Practitioners and Technical Occupations

The **Healthcare Practitioners and Technical Occupations** major group is projected to see a net gain of 2,106 jobs. During the projection period, 6,324 annual job openings are anticipated with 2,698 coming from employees leaving the workforce, 2,573 coming from job transfers, and 1,053 from growth and expansion. The *Health Diagnosing and Treating Practitioners* occupational family is estimated to add 1,273 new jobs. Driving this growth is Registered Nurses, slated to add 386 new jobs, placing in the Top 25 Growing Occupations list. Nurse Practitioners is predicted to be among the ten fastest growing occupations, raising employment by 10.46 percent. *Health Technologists and Technicians* are expected to add 474 new jobs to its workforce.

Healthcare Support Occupations

The **Healthcare Support Occupations** major group could see a rise of 824 new jobs during the 2022-2024 projection cycle. With 8,843 annual job openings, 3,765 are estimated to come from employees who leave the workforce, while 4,666 from employees changing jobs. Another 412 job openings are related to growth and expansion. The *Other Healthcare Support Occupations* occupational family is predicted to add 662 jobs. Driving this growth is Medical Assistants, which is forecast to add 174 new jobs to its workforce. Occupational Therapy Assistants made the Top 25 Fastest Growing Occupations list with an anticipated gain of 8.30 percent. On the negative side of the

economy, Nursing Assistants is projected to lose 125 jobs, placing fourth in numeric decline.

Protective Service Occupations

The **Protective Service Occupations** major group is expected to be one of two major groups to experience a loss of jobs, losing 256 jobs between 2022 and 2024. The occupational group is estimated to have 2,707 annual job openings during the projection period. Of these, 1,246 would come from employees leaving the workforce, while 1,589 from employees changing jobs. Around 128 would be lost due to the decline in employment. *Law Enforcement Workers* is likely to take the brunt of the loss, losing an estimated 309 jobs. Correctional Officers and Jailers is slated to be third on the Top 25 Declining Occupations list. One positive outcome in this major group is *Other Protective Service Workers*, which is anticipated to add 118 jobs to its workforce.

Food Preparation and Serving Related Occupations

Food Preparation and Serving Related Occupations is projected to experience a gain of 4,448 jobs between first quarter 2022 and first quarter 2024. The occupational group is forecast to have 22,354 annual job openings, of which 9,280 are estimated to be available due to employees leaving the workforce, 10,850 from employees changing jobs, and 2,224 from growth and expansion. *Food and Beverage Serving Workers* leads this major group with 2,250 new jobs. Fast Food and Counter Workers is forecast to be the top growing occupation in the state, gaining 1,421 new jobs, while Cooks, Restaurant is also slated to be among the ten highest growing occupations, adding 981 new jobs.

Building and Grounds Cleaning and Maintenance Occupations

The **Building and Grounds Cleaning and Maintenance Occupations** major group is estimated to experience a net gain of 406

jobs during the projection period. With 6,294 annual job openings, 2,824 would be associated with employees leaving the workforce, while 3,267 would be connected to those changing jobs. Growth and expansion would account for 203 annual job openings. The *Grounds Maintenance Workers* occupational family is forecast to grow by 212. Driving this gain is Landscaping and Groundskeeping Workers, adding 196 jobs. Janitors and Cleaners, Except Maids and Housekeeping Cleaners is slated to add 309 jobs to its workforce.

Personal Care and Service Occupations

The **Personal Care and Service Occupations** major group is estimated to increase staffing by 805 jobs during the projection period. Of the 5,150 annual job openings, 1,942 are forecast to come from employees leaving the workforce, 2,806 from employees changing jobs, and 402 due to growth and expansion. Animal Care and Service Workers is estimated to add 291 new jobs to its workforce. Leading the major group is Animal Caretakers, which is slated to raise employment by 267. Ushers, Lobby Attendants, and Ticket Takers are projected to be the fastest growing occupation in the major group, raising employment by 8.46 percent. On the negative side of the economy, Childcare Workers is forecast to lose 62 jobs, or 0.60 percent of its workforce.

Sales and Related Occupations

The **Sales and Related Occupations** major group is projected to experience a gain of 4,236 jobs between first quarter 2022 and first quarter 2024, a 3.10 percent gain. Of the 20,712 jobs expected annually, 8,166 could come from employees leaving the workforce, 10,428 from those changing jobs, and 2,118 connected to growth and expansion. The *Retail Sales Workers* occupational family is slated to add 1,861 new jobs, while the *Sales Representatives, Services* family is predicted to raise employment by 1,213. Retail Salespersons and Insurance Sales Agents is projected to be the third and fourth highest growing occupations, growing by 1,093 and 1,071 jobs respectively. Insurance Sales Agents also is among the ten fastest growing, at a rate

of 11.55 percent. Advertising Sales Agents and Telemarketers are slated to lose 38 jobs each.

Office and Administrative Support Occupations

The **Office and Administrative Support Occupations** major group is predicted to gain 2,652 jobs during the projection period. The occupational group is estimated to have 21,486 annual job openings. Of these, 8,978 are connected to employees leaving the workforce, while 11,182 are associated with those changing jobs. Another 1,326 annual job openings would be for growth and expansion. The *Other Office and Administrative Support Workers* occupational family is predicted to add 1,271 jobs, while *Information and Record Clerks* is forecast to add 683 new jobs. Insurance Claims and Policy Processing Clerks is predicted to increase employment by 897, or a 11.72 percent gain, placing eighth in the Top 25 Growing Occupations list and fifth on the Top 25 Fastest Growing Occupations list. On the negative side of the labor market, Secretaries and Administrative Assistants, Except Legal, Medical, and Executive is predicted to experience a decline of 114 jobs, fifth worst in the state. Word Processors and Typists is estimated to be the fourth fastest declining occupation, losing 8.33 percent of its workforce.

Farming, Fishing, and Forestry Occupations

The **Farming, Fishing, and Forestry Occupations** major group is forecast to lose 336 jobs, declining by 1.99 percent. Overall, 2,476 annual job openings are expected, with 848 connected to employees leaving the workforce and 1,796 from employees changing jobs. Around 168 annual openings could be lost by the decline in employment. *Agricultural Workers* are likely to experience most of the decline, cutting 318 jobs from its workforce. Farmworkers, Farm, Ranch, and Aquacultural Animals is slated to be the top declining occupation in the state, losing 211 jobs, while Farmworkers and Laborers, Crop, Nursery, and Greenhouse is estimated to cut 102 from its workforce, sixth worst.

Construction and Extraction Occupations

The **Construction and Extraction Occupations** major group is projected to add 1,669 jobs to its workforce. Of the 6,135 annual job openings, 1,875 would be from employees leaving the workforce, 3,426 would be associated with employees changing jobs, and 834 annual job openings would be from growth and expansion. Much of the growth in the major group is likely to occur in the *Construction Trades Workers* occupational family, increasing employment by 1,456 jobs. Electricians are slated to add 530 jobs to its ranks. On the negative side of the labor force, Rail-Track Laying and Maintenance Equipment Operators could see a decline of 6.33 percent, placing among the ten fastest declining occupations statewide.

Installation, Maintenance, and Repair Occupations

The **Installation, Maintenance, and Repair Occupations** major group is estimated to increase staffing by 1,914 new jobs. During the projection period, 6,968 annual job openings are expected to be available. Of these, 2,278 would be connected to employees leaving the workforce, 3,733 from those changing jobs, and 957 due to growth and expansion. The *Other Installation, Maintenance, and Repair Occupations* occupational family drives the growth in the major group with an anticipated gain of 1,349 jobs. Industrial Machinery Mechanics leads all occupations with 417 new jobs, while Maintenance and Repair Workers, General is slated to increase by 343. On the negative side of the labor market, Rail Car Repairers is predicted to lose 13 jobs, 2.40 percent of its workforce.

Production Occupations

The **Production Occupations** major group is projected to gain 2,128 jobs between first quarter 2022 and first quarter 2024, a 1.84 percent gain. Around 14,580 job openings are anticipated annually. Of these, 5,074 could come from employees leaving the workforce, 8,442 would be connected to employees changing jobs, and 1,064 related to growth and expansion. The *Metal Workers and Plastic Workers* is slated to

add 671 jobs during the projection period, while *Other Production Occupations* is forecast to increase by 578 jobs. Etchers and Engravers is predicted to be the fourth fastest growing occupation in the state, raising employment by 12.86 percent. First-Line Supervisors of Production and Operating Workers is slated to be the top growing occupation in the major group, adding 293 new jobs to its workforce. On the negative side of the labor market, the *Textile, Apparel, and Furnishings Workers* occupational family is predicted to lose 74 jobs, or 2.04 percent of its workforce. Paper Goods Machine Setters, Operators, and Tenders is projected to lead the major group in decline, losing 98 jobs, 3.68 percent of its workforce, while Cutters and Trimmers, Hand could cut 9.88 percent from its own workforce. In all, eight occupations in the major group make the Top 25 Fastest Declining Occupations list, half among the ten fastest.

Transportation and Material Moving Occupations

The **Transportation and Material Moving Occupations** major group is projected to be the second highest growing major group, adding 4,517 new jobs, or 3.03 percent to its workforce. The major group is estimated to experience the highest number of annual openings, with 22,531. Of these, 7,768 is associated with people leaving the workforce, 12,505 connected to job change, and 2,258 related to growth and expansion. The *Material Moving Workers* occupational family is predicted to add an additional 2,556 new jobs to its workforce. Laborers and Freight, Stock, and Material Movers, Hand is projected to add 1,011, placing fifth on the Top 25 Growing Occupations list, while Heavy and Tractor-Trailer Truck Drivers is anticipated to add 926 jobs, also placing among the ten highest growing occupations. Overall, the *Motor Vehicle Operators* occupational family is anticipated to add an additional 1,829 jobs to its ranks. On the negative side of the economy, Sailors and Marine Oilers could lose 15.79 percent of its already small workforce in the state, becoming the fastest declining occupation statewide.

Top 25 Growing Occupations by Numeric Change

Standard Occupational Classification		Employment		Change		Annual Separations		Annual Openings	
SOC Code	SOC Title	2022 Estimated	2024 Projected	Numeric	Percent	Exits	Transfers	Change	Total
35-3023	Fast Food and Counter Workers	36,015	37,436	1,421	3.95%	3,982	3,957	710	8,649
11-1021	General and Operations Managers	29,660	30,969	1,309	4.41%	696	1,931	654	3,281
41-2031	Retail Salespersons	34,308	35,401	1,093	3.19%	2,240	2,824	546	5,610
41-3021	Insurance Sales Agents	9,272	10,343	1,071	11.55%	390	508	536	1,434
53-7062	Laborers and Freight, Stock, and Material Movers, Hand	29,103	30,114	1,011	3.47%	1,435	2,714	506	4,655
35-2014	Cooks, Restaurant	11,013	11,994	981	8.91%	794	972	490	2,256
53-3032	Heavy and Tractor-Trailer Truck Drivers	37,527	38,453	926	2.47%	1,766	2,688	463	4,917
43-9041	Insurance Claims and Policy Processing Clerks	7,655	8,552	897	11.72%	333	501	448	1,282
13-1031	Claims Adjusters, Examiners, and Investigators	7,744	8,622	878	11.34%	224	424	439	1,087
53-7065	Stockers and Order Fillers	21,735	22,589	854	3.93%	1,420	2,355	427	4,202
35-3031	Waiters and Waitresses	16,590	17,235	645	3.89%	1,431	1,998	322	3,751
13-1131	Fundraisers	1,929	2,534	605	31.36%	80	124	302	506
47-2111	Electricians	7,253	7,783	530	7.31%	256	508	265	1,029
41-2011	Cashiers	30,515	31,033	518	1.70%	2,956	2,848	259	6,063
13-2011	Accountants and Auditors	8,988	9,492	504	5.61%	282	514	252	1,048
11-3031	Financial Managers	6,625	7,125	500	7.55%	168	344	250	762
41-4012	Sales Representatives, Wholesale and Manufacturing, Except Technical and Scientific Products	13,332	13,814	482	3.62%	466	898	241	1,605
35-1012	First-Line Supervisors of Food Preparation and Serving Workers	10,730	11,187	457	4.26%	553	1,158	228	1,939
43-9061	Office Clerks, General	26,865	27,306	441	1.64%	1,708	1,704	220	3,632
53-3033	Light Truck Drivers	10,170	10,602	432	4.25%	482	734	216	1,432
49-9041	Industrial Machinery Mechanics	7,117	7,534	417	5.86%	260	378	208	846
53-7051	Industrial Truck and Tractor Operators	11,246	11,645	399	3.55%	383	912	200	1,495
29-1141	Registered Nurses	26,595	26,981	386	1.45%	859	665	193	1,717
13-1161	Market Research Analysts and Marketing Specialists	4,938	5,318	380	7.70%	148	352	190	690
13-1111	Management Analysts	6,986	7,359	373	5.34%	258	392	186	836

Top 25 Fastest Growing Occupations by Percent Change (Minimum Employment of 50)

Standard Occupational Classification		Employment		Change		Annual Separations		Annual Openings	
SOC Code	SOC Title	2022 Estimated	2024 Projected	Numeric	Percent	Exits	Transfers	Change	Total
13-1131	Fundraisers	1,929	2,534	605	31.36%	80	124	302	506
11-2033	Fundraising Managers	129	166	37	28.68%	4	8	18	30
13-2053	Insurance Underwriters	1,534	1,737	203	13.23%	44	78	102	224
51-9194	Etchers and Engravers	70	79	9	12.86%	4	4	4	12
43-9041	Insurance Claims and Policy Processing Clerks	7,655	8,552	897	11.72%	333	501	448	1,282
41-3021	Insurance Sales Agents	9,272	10,343	1,071	11.55%	390	508	536	1,434
13-1031	Claims Adjusters, Examiners, and Investigators	7,744	8,622	878	11.34%	224	424	439	1,087
29-1171	Nurse Practitioners	2,649	2,926	277	10.46%	64	80	138	282
15-2051	Data Scientists	275	303	28	10.18%	7	14	14	35
13-1081	Logisticians	1,375	1,514	139	10.11%	39	87	70	196
15-1254	Web Developers	285	313	28	9.82%	6	16	14	36
17-2131	Materials Engineers	105	115	10	9.52%	3	4	5	12
15-1212	Information Security Analysts	1,007	1,101	94	9.33%	24	52	47	123
35-2014	Cooks, Restaurant	11,013	11,994	981	8.91%	794	972	490	2,256
13-1121	Meeting, Convention, and Event Planners	723	787	64	8.85%	28	50	32	110
15-2041	Statisticians	531	578	47	8.85%	14	26	24	64
21-1093	Social and Human Service Assistants	4,061	4,418	357	8.79%	198	282	178	658
47-4071	Septic Tank Servicers and Sewer Pipe Cleaners	59	64	5	8.47%	2	4	2	8
39-3031	Ushers, Lobby Attendants, and Ticket Takers	473	513	40	8.46%	70	69	20	159
31-2011	Occupational Therapy Assistants	458	496	38	8.30%	26	48	19	93
27-3031	Public Relations Specialists	1,898	2,046	148	7.80%	49	123	74	246
39-2021	Animal Caretakers	3,446	3,713	267	7.75%	248	412	134	794
19-4061	Social Science Research Assistants	168	181	13	7.74%	4	17	6	27
13-1161	Market Research Analysts and Marketing Specialists	4,938	5,318	380	7.70%	148	352	190	690
39-5092	Manicurists and Pedicurists	221	238	17	7.69%	12	16	8	36

Top 25 Occupations by Annual Exits

Standard Occupational Classification		Employment		Change		Annual Separations		Annual Openings	
SOC Code	SOC Title	2022 Estimated	2024 Projected	Numeric	Percent	Exits	Transfers	Change	Total
35-3023	Fast Food and Counter Workers	36,015	37,436	1,421	3.95%	3,982	3,957	710	8,649
11-9013	Farmers, Ranchers, and Other Agricultural Managers	43,648	43,730	82	0.19%	3,049	1,548	41	4,638
41-2011	Cashiers	30,515	31,033	518	1.70%	2,956	2,848	259	6,063
41-2031	Retail Salespersons	34,308	35,401	1,093	3.19%	2,240	2,824	546	5,610
53-3032	Heavy and Tractor-Trailer Truck Drivers	37,527	38,453	926	2.47%	1,766	2,688	463	4,917
43-9061	Office Clerks, General	26,865	27,306	441	1.64%	1,708	1,704	220	3,632
31-1120	Home Health and Personal Care Aides	19,213	19,301	88	0.46%	1,561	1,348	44	2,953
53-7062	Laborers and Freight, Stock, and Material Movers, Hand	29,103	30,114	1,011	3.47%	1,435	2,714	506	4,655
35-3031	Waiters and Waitresses	16,590	17,235	645	3.89%	1,431	1,998	322	3,751
53-7065	Stockers and Order Fillers	21,735	22,589	854	3.93%	1,420	2,355	427	4,202
37-2011	Janitors and Cleaners, Except Maids and Housekeeping Cleaners	17,123	17,432	309	1.80%	1,200	1,212	154	2,566
31-1131	Nursing Assistants	17,342	17,217	-125	-0.72%	1,131	1,462	-62	2,531
43-4051	Customer Service Representatives	20,072	20,407	335	1.67%	1,116	1,728	168	3,012
43-3031	Bookkeeping, Accounting, and Auditing Clerks	12,840	13,033	193	1.50%	866	725	96	1,687
43-4171	Receptionists and Information Clerks	13,819	14,079	260	1.88%	866	1,038	130	2,034
29-1141	Registered Nurses	26,595	26,981	386	1.45%	859	665	193	1,717
35-2014	Cooks, Restaurant	11,013	11,994	981	8.91%	794	972	490	2,256
37-2012	Maids and Housekeeping Cleaners	10,474	10,275	-199	-1.90%	781	675	-100	1,356
43-6014	Secretaries and Administrative Assistants, Except Legal, Medical, and Executive	13,076	12,962	-114	-0.87%	756	776	-57	1,475
39-9011	Childcare Workers	10,250	10,188	-62	-0.60%	748	961	-31	1,678
41-1011	First-Line Supervisors of Retail Sales Workers	17,857	18,201	344	1.93%	746	1,232	172	2,150
11-1021	General and Operations Managers	29,660	30,969	1,309	4.41%	696	1,931	654	3,281
43-1011	First-Line Supervisors of Office and Administrative Support Workers	15,162	15,390	228	1.50%	666	980	114	1,760
51-2090	Miscellaneous Assemblers and Fabricators	15,092	15,273	181	1.20%	664	1,090	90	1,844
25-9045	Teaching Assistants, Except Postsecondary	10,962	11,179	217	1.98%	660	630	108	1,398

Top 25 Occupations by Annual Transfers

Standard Occupational Classification		Employment		Change		Annual Separations		Annual Openings	
SOC Code	SOC Title	2022 Estimated	2024 Projected	Numeric	Percent	Exits	Transfers	Change	Total
35-3023	Fast Food and Counter Workers	36,015	37,436	1,421	3.95%	3,982	3,957	710	8,649
41-2011	Cashiers	30,515	31,033	518	1.70%	2,956	2,848	259	6,063
41-2031	Retail Salespersons	34,308	35,401	1,093	3.19%	2,240	2,824	546	5,610
53-7062	Laborers and Freight, Stock, and Material Movers, Hand	29,103	30,114	1,011	3.47%	1,435	2,714	506	4,655
53-3032	Heavy and Tractor-Trailer Truck Drivers	37,527	38,453	926	2.47%	1,766	2,688	463	4,917
53-7065	Stockers and Order Fillers	21,735	22,589	854	3.93%	1,420	2,355	427	4,202
35-3031	Waiters and Waitresses	16,590	17,235	645	3.89%	1,431	1,998	322	3,751
11-1021	General and Operations Managers	29,660	30,969	1,309	4.41%	696	1,931	654	3,281
43-4051	Customer Service Representatives	20,072	20,407	335	1.67%	1,116	1,728	168	3,012
43-9061	Office Clerks, General	26,865	27,306	441	1.64%	1,708	1,704	220	3,632
11-9013	Farmers, Ranchers, and Other Agricultural Managers	43,648	43,730	82	0.19%	3,049	1,548	41	4,638
31-1131	Nursing Assistants	17,342	17,217	-125	-0.72%	1,131	1,462	-62	2,531
31-1120	Home Health and Personal Care Aides	19,213	19,301	88	0.46%	1,561	1,348	44	2,953
41-1011	First-Line Supervisors of Retail Sales Workers	17,857	18,201	344	1.93%	746	1,232	172	2,150
37-2011	Janitors and Cleaners, Except Maids and Housekeeping Cleaners	17,123	17,432	309	1.80%	1,200	1,212	154	2,566
35-1012	First-Line Supervisors of Food Preparation and Serving Workers	10,730	11,187	457	4.26%	553	1,158	228	1,939
51-2090	Miscellaneous Assemblers and Fabricators	15,092	15,273	181	1.20%	664	1,090	90	1,844
43-4171	Receptionists and Information Clerks	13,819	14,079	260	1.88%	866	1,038	130	2,034
43-1011	First-Line Supervisors of Office and Administrative Support Workers	15,162	15,390	228	1.50%	666	980	114	1,760
35-2014	Cooks, Restaurant	11,013	11,994	981	8.91%	794	972	490	2,256
39-9011	Childcare Workers	10,250	10,188	-62	-0.60%	748	961	-31	1,678
53-7051	Industrial Truck and Tractor Operators	11,246	11,645	399	3.55%	383	912	200	1,495
41-4012	Sales Representatives, Wholesale and Manufacturing, Except Technical and Scientific Products	13,332	13,814	482	3.62%	466	898	241	1,605
21-2011	Clergy	15,413	15,412	-1	-0.01%	647	788	0	1,435
43-6014	Secretaries and Administrative Assistants, Except Legal, Medical, and Executive	13,076	12,962	-114	-0.87%	756	776	-57	1,475

Top 25 Occupations by Total Annual Openings

Standard Occupational Classification		Employment		Change		Annual Separations		Annual Openings	
SOC Code	SOC Title	2022 Estimated	2024 Projected	Numeric	Percent	Exits	Transfers	Change	Total
35-3023	Fast Food and Counter Workers	36,015	37,436	1,421	3.95%	3,982	3,957	710	8,649
41-2011	Cashiers	30,515	31,033	518	1.70%	2,956	2,848	259	6,063
41-2031	Retail Salespersons	34,308	35,401	1,093	3.19%	2,240	2,824	546	5,610
53-3032	Heavy and Tractor-Trailer Truck Drivers	37,527	38,453	926	2.47%	1,766	2,688	463	4,917
53-7062	Laborers and Freight, Stock, and Material Movers, Hand	29,103	30,114	1,011	3.47%	1,435	2,714	506	4,655
11-9013	Farmers, Ranchers, and Other Agricultural Managers	43,648	43,730	82	0.19%	3,049	1,548	41	4,638
53-7065	Stockers and Order Fillers	21,735	22,589	854	3.93%	1,420	2,355	427	4,202
35-3031	Waiters and Waitresses	16,590	17,235	645	3.89%	1,431	1,998	322	3,751
43-9061	Office Clerks, General	26,865	27,306	441	1.64%	1,708	1,704	220	3,632
11-1021	General and Operations Managers	29,660	30,969	1,309	4.41%	696	1,931	654	3,281
43-4051	Customer Service Representatives	20,072	20,407	335	1.67%	1,116	1,728	168	3,012
31-1120	Home Health and Personal Care Aides	19,213	19,301	88	0.46%	1,561	1,348	44	2,953
37-2011	Janitors and Cleaners, Except Maids and Housekeeping Cleaners	17,123	17,432	309	1.80%	1,200	1,212	154	2,566
31-1131	Nursing Assistants	17,342	17,217	-125	-0.72%	1,131	1,462	-62	2,531
35-2014	Cooks, Restaurant	11,013	11,994	981	8.91%	794	972	490	2,256
41-1011	First-Line Supervisors of Retail Sales Workers	17,857	18,201	344	1.93%	746	1,232	172	2,150
43-4171	Receptionists and Information Clerks	13,819	14,079	260	1.88%	866	1,038	130	2,034
35-1012	First-Line Supervisors of Food Preparation and Serving Workers	10,730	11,187	457	4.26%	553	1,158	228	1,939
51-2090	Miscellaneous Assemblers and Fabricators	15,092	15,273	181	1.20%	664	1,090	90	1,844
43-1011	First-Line Supervisors of Office and Administrative Support Workers	15,162	15,390	228	1.50%	666	980	114	1,760
29-1141	Registered Nurses	26,595	26,981	386	1.45%	859	665	193	1,717
43-3031	Bookkeeping, Accounting, and Auditing Clerks	12,840	13,033	193	1.50%	866	725	96	1,687
39-9011	Childcare Workers	10,250	10,188	-62	-0.60%	748	961	-31	1,678
41-4012	Sales Representatives, Wholesale and Manufacturing, Except Technical and Scientific Products	13,332	13,814	482	3.62%	466	898	241	1,605
53-7051	Industrial Truck and Tractor Operators	11,246	11,645	399	3.55%	383	912	200	1,495

Top 25 Declining Occupations by Numeric Change

Standard Occupational Classification		Employment		Change		Annual Separations		Annual Openings	
SOC Code	SOC Title	2022 Estimated	2024 Projected	Numeric	Percent	Exits	Transfers	Change	Total
45-2093	Farmworkers, Farm, Ranch, and Aquacultural Animals	4,785	4,574	-211	-4.41%	244	506	-106	644
37-2012	Maids and Housekeeping Cleaners	10,474	10,275	-199	-1.90%	781	675	-100	1,356
33-3012	Correctional Officers and Jailers	6,122	5,925	-197	-3.22%	214	345	-98	461
31-1131	Nursing Assistants	17,342	17,217	-125	-0.72%	1,131	1,462	-62	2,531
43-6014	Secretaries and Administrative Assistants, Except Legal, Medical, and Executive	13,076	12,962	-114	-0.87%	756	776	-57	1,475
45-2092	Farmworkers and Laborers, Crop, Nursery, and Greenhouse	6,006	5,904	-102	-1.70%	310	644	-51	903
51-9196	Paper Goods Machine Setters, Operators, and Tenders	2,661	2,563	-98	-3.68%	138	182	-49	271
33-3051	Police and Sheriff's Patrol Officers	5,631	5,534	-97	-1.72%	167	286	-48	405
39-9011	Childcare Workers	10,250	10,188	-62	-0.60%	748	961	-31	1,678
51-8031	Water and Wastewater Treatment Plant and System Operators	2,003	1,960	-43	-2.15%	73	118	-22	169
41-3011	Advertising Sales Agents	884	846	-38	-4.30%	32	72	-19	85
41-9041	Telemarketers	736	698	-38	-5.16%	38	68	-19	87
43-4111	Interviewers, Except Eligibility and Loan	2,637	2,599	-38	-1.44%	147	196	-19	324
43-9021	Data Entry Keyers	1,243	1,208	-35	-2.82%	65	87	-18	134
33-1012	First-Line Supervisors of Police and Detectives	1,765	1,733	-32	-1.81%	42	74	-16	100
43-4031	Court, Municipal, and License Clerks	1,743	1,711	-32	-1.84%	96	100	-16	180
51-6011	Laundry and Dry-Cleaning Workers	1,587	1,557	-30	-1.89%	120	103	-15	208
27-3041	Editors	493	464	-29	-5.88%	20	28	-14	34
11-1031	Legislators	1,341	1,317	-24	-1.79%	40	64	-12	92
47-4061	Rail-Track Laying and Maintenance Equipment Operators	316	296	-20	-6.33%	6	16	-10	12
27-3023	News Analysts, Reporters, and Journalists	213	195	-18	-8.45%	8	16	-9	15
33-2011	Firefighters	1,816	1,798	-18	-0.99%	48	97	-9	136
33-1011	First-Line Supervisors of Correctional Officers	687	670	-17	-2.47%	26	32	-8	50
43-3011	Bill and Account Collectors	1,651	1,634	-17	-1.03%	76	114	-8	182
45-4022	Logging Equipment Operators	1,406	1,389	-17	-1.21%	62	156	-8	210

Top 25 Fastest Declining Occupations by Percent Change (Numeric Change No Greater than - 5)

Standard Occupational Classification		Employment		Change		Annual Separations		Annual Openings	
SOC Code	SOC Title	2022 Estimated	2024 Projected	Numeric	Percent	Exits	Transfers	Change	Total
53-5011	Sailors and Marine Oilers	38	32	-6	-15.79%	1	3	-3	1
51-9031	Cutters and Trimmers, Hand	81	73	-8	-9.88%	4	6	-4	6
27-3023	News Analysts, Reporters, and Journalists	213	195	-18	-8.45%	8	16	-9	15
43-9022	Word Processors and Typists	60	55	-5	-8.33%	4	3	-2	5
51-6062	Textile Cutting Machine Setters, Operators, and Tenders	100	93	-7	-7.00%	6	7	-4	9
47-4061	Rail-Track Laying and Maintenance Equipment Operators	316	296	-20	-6.33%	6	16	-10	12
51-6021	Pressers, Textile, Garment, and Related Materials	193	181	-12	-6.22%	12	10	-6	16
27-3041	Editors	493	464	-29	-5.88%	20	28	-14	34
51-8092	Gas Plant Operators	157	148	-9	-5.73%	4	12	-4	12
41-9041	Telemarketers	736	698	-38	-5.16%	38	68	-19	87
43-2011	Switchboard Operators, Including Answering Service	337	321	-16	-4.75%	19	20	-8	31
27-3011	Broadcast Announcers and Radio Disc Jockeys	190	181	-9	-4.74%	7	12	-4	15
45-2093	Farmworkers, Farm, Ranch, and Aquacultural Animals	4,785	4,574	-211	-4.41%	244	506	-106	644
41-3011	Advertising Sales Agents	884	846	-38	-4.30%	32	72	-19	85
51-8013	Power Plant Operators	198	190	-8	-4.04%	6	12	-4	14
51-2021	Coil Winders, Tapers, and Finishers	390	375	-15	-3.85%	18	25	-8	35
51-5111	Prepress Technicians and Workers	158	152	-6	-3.80%	8	12	-3	17
51-9196	Paper Goods Machine Setters, Operators, and Tenders	2,661	2,563	-98	-3.68%	138	182	-49	271
19-1032	Foresters	387	374	-13	-3.36%	8	25	-6	27
33-3012	Correctional Officers and Jailers	6,122	5,925	-197	-3.22%	214	345	-98	461
45-4021	Fallers	157	152	-5	-3.18%	7	17	-2	22
43-9021	Data Entry Keyers	1,243	1,208	-35	-2.82%	65	87	-18	134
31-9094	Medical Transcriptionists	364	354	-10	-2.75%	20	40	-5	55
49-9031	Home Appliance Repairers	299	291	-8	-2.68%	12	18	-4	26
33-1011	First-Line Supervisors of Correctional Officers	687	670	-17	-2.47%	26	32	-8	50

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Standard Occupational Classification		Employment		Change		Annual Separations		Annual Openings		Recommended Education/Training		
Code	Title	2022 Estimated	2024 Projected	Numeric	Percent	Exits	Transfers	Change	Total	Education	Work Experience	Job Training
00-0000	TOTAL, ALL OCCUPATIONS	1,443,563	1,482,621	39,058	2.71%	71,868	97,972	19,529	189,369			
11-0000	Management Occupations	137,192	141,220	4,028	2.94%	5,599	6,885	2,014	14,498			
11-1000	Top Executives	35,058	36,422	1,364	3.89%	864	2,164	682	3,710			
11-1011	Chief Executives	4,057	4,136	79	1.95%	127	170	40	337	BD	5+	None
11-1021	General and Operations Managers	29,660	30,969	1,309	4.41%	696	1,931	654	3,281	BD	5+	None
11-1031	Legislators	1,341	1,317	-24	-1.79%	40	64	-12	92	BD	<5	None
11-2000	Advertising, Marketing, Promotions, Public Relations, and Sales Managers	4,266	4,473	207	4.85%	101	264	104	469			
11-2011	Advertising and Promotions Managers	134	137	3	2.24%	2	10	2	14	BD	<5	None
11-2021	Marketing Managers	1,143	1,206	63	5.51%	26	75	32	133	BD	5+	None
11-2022	Sales Managers	2,528	2,616	88	3.48%	59	152	44	255	BD	<5	None
11-2032	Public Relations Managers	332	348	16	4.82%	9	18	8	35	BD	5+	None
11-2033	Fundraising Managers	129	166	37	28.68%	4	8	18	30	BD	5+	None
11-3000	Operations Specialties Managers	16,760	17,706	946	5.64%	422	892	473	1,787			
11-3012	Administrative Services Managers	1,285	1,336	51	3.97%	43	65	26	134	BD	<5	None
11-3013	Facilities Managers	501	516	15	2.99%	15	26	8	49	BD	<5	None
11-3021	Computer and Information Systems Managers	2,519	2,675	156	6.19%	48	142	78	268	BD	5+	None
11-3031	Financial Managers	6,625	7,125	500	7.55%	168	344	250	762	BD	5+	None
11-3051	Industrial Production Managers	2,177	2,257	80	3.67%	50	108	40	198	BD	5+	None
11-3061	Purchasing Managers	964	1,005	41	4.25%	28	53	20	101	BD	5+	None
11-3071	Transportation, Storage, and Distribution Managers	1,165	1,204	39	3.35%	28	69	20	117	HS	5+	None
11-3111	Compensation and Benefits Managers	141	147	6	4.26%	4	8	3	15	BD	5+	None
11-3121	Human Resources Managers	1,167	1,217	50	4.28%	34	64	25	123	BD	5+	None
11-3131	Training and Development Managers	216	224	8	3.70%	5	14	4	23	BD	5+	None
11-9000	Other Management Occupations	81,108	82,619	1,511	1.86%	4,212	3,564	756	8,532			
11-9013	Farmers, Ranchers, and Other Agricultural Managers	43,648	43,730	82	0.19%	3,049	1,548	41	4,638	HS	5+	None
11-9021	Construction Managers	3,294	3,414	120	3.64%	78	178	60	316	BD	None	MTOJT
11-9031	Education and Childcare Administrators, Preschool and Daycare	643	658	15	2.33%	18	30	8	56	BD	<5	None
11-9032	Education Administrators, Kindergarten through Secondary	2,486	2,539	53	2.13%	70	116	26	212	MD	5+	None
11-9033	Education Administrators, Postsecondary	1,269	1,306	37	2.92%	36	60	18	114	MD	<5	None

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Standard Occupational Classification		Employment		Change		Annual Separations		Annual Openings		Recommended Education/Training		
Code	Title	2022 Estimated	2024 Projected	Numeric	Percent	Exits	Transfers	Change	Total	Education	Work Experience	Job Training
11-9039	Education Administrators, All Other	646	663	17	2.63%	18	30	8	56	BD	<5	None
11-9041	Architectural and Engineering Managers	669	693	24	3.59%	14	34	12	60	BD	5+	None
11-9051	Food Service Managers	4,092	4,255	163	3.98%	150	354	82	586	HS	<5	STOJT
11-9081	Lodging Managers	776	802	26	3.35%	32	54	13	99	HS	<5	None
11-9111	Medical and Health Services Managers	5,977	6,327	350	5.86%	172	310	175	657	BD	<5	None
11-9121	Natural Sciences Managers	317	320	3	0.95%	8	17	2	27	BD	5+	None
11-9131	Postmasters and Mail Superintendents	178	177	-1	-0.56%	6	8	0	14	HS	<5	MTOJT
11-9141	Property, Real Estate, and Community Association Managers	1,995	2,070	75	3.76%	86	78	38	202	HS	<5	None
11-9151	Social and Community Service Managers	1,892	2,014	122	6.45%	65	104	61	230	BD	<5	None
11-9161	Emergency Management Directors	169	169	0	0.00%	6	8	0	14	BD	5+	None
11-9171	Funeral Home Managers	471	483	12	2.55%	14	23	6	43	AD	<5	None
11-9179	Personal Service Managers, All Other	65	68	3	4.62%	2	3	2	7	HS	<5	None
11-9199	Managers, All Other	12,479	12,887	408	3.27%	388	605	204	1,197	BD	<5	None
13-0000	BUSINESS AND FINANCIAL OPERATIONS OCCUPATIONS	75,003	79,716	4,713	6.28%	2,396	4,397	2,356	9,149			
13-1000	Business Operations Specialists	53,873	57,535	3,662	6.80%	1,716	3,266	1,831	6,813			
13-1020	Buyers and Purchasing Agents	4,229	4,307	78	1.84%	158	268	39	465	BD	None	MTOJT
13-1031	Claims Adjusters, Examiners, and Investigators	7,744	8,622	878	11.34%	224	424	439	1,087	HS	None	LTOJT
13-1032	Insurance Appraisers, Auto Damage	95	99	4	4.21%	2	5	2	9	PS	None	MTOJT
13-1041	Compliance Officers	2,931	3,008	77	2.63%	88	148	38	274	BD	None	MTOJT
13-1051	Cost Estimators	1,021	1,051	30	2.94%	31	62	15	108	BD	None	MTOJT
13-1071	Human Resources Specialists	4,667	4,817	150	3.21%	141	303	75	519	BD	None	None
13-1075	Labor Relations Specialists	741	772	31	4.18%	22	48	16	86	BD	<5	None
13-1081	Logisticians	1,375	1,514	139	10.11%	39	87	70	196	BD	None	None
13-1082	Project Management Specialists	5,072	5,324	252	4.97%	119	296	126	541	BD	None	None
13-1111	Management Analysts	6,986	7,359	373	5.34%	258	392	186	836	BD	<5	None
13-1121	Meeting, Convention, and Event Planners	723	787	64	8.85%	28	50	32	110	BD	None	None
13-1131	Fundraisers	1,929	2,534	605	31.36%	80	124	302	506	BD	None	None
13-1141	Compensation, Benefits, and Job Analysis Specialists	501	520	19	3.79%	16	26	10	52	BD	<5	None
13-1151	Training and Development Specialists	2,970	3,094	124	4.18%	96	180	62	338	BD	<5	None

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Standard Occupational Classification		Employment		Change		Annual Separations		Annual Openings		Recommended Education/Training		
Code	Title	2022 Estimated	2024 Projected	Numeric	Percent	Exits	Transfers	Change	Total	Education	Work Experience	Job Training
13-1161	Market Research Analysts and Marketing Specialists	4,938	5,318	380	7.70%	148	352	190	690	BD	None	None
13-1199	Business Operations Specialists, All Other	7,870	8,330	460	5.84%	262	494	230	986	BD	None	None
13-2000	Financial Specialists	21,130	22,181	1,051	4.97%	680	1,131	526	2,337			
13-2011	Accountants and Auditors	8,988	9,492	504	5.61%	282	514	252	1,048	BD	None	None
13-2020	Property Appraisers and Assessors	1,014	1,019	5	0.49%	47	38	2	87	BD	None	LTOJT
13-2031	Budget Analysts	418	418	0	0.00%	12	20	0	32	BD	None	None
13-2041	Credit Analysts	239	245	6	2.51%	5	14	3	22	BD	None	None
13-2051	Financial and Investment Analysts	1,148	1,208	60	5.23%	24	62	30	116	BD	None	None
13-2052	Personal Financial Advisors	1,537	1,591	54	3.51%	43	68	27	138	BD	None	LTOJT
13-2053	Insurance Underwriters	1,534	1,737	203	13.23%	44	78	102	224	BD	None	MTOJT
13-2054	Financial Risk Specialists	136	142	6	4.41%	4	7	3	14	BD	None	None
13-2061	Financial Examiners	424	452	28	6.60%	13	22	14	49	BD	None	LTOJT
13-2072	Loan Officers	3,226	3,341	115	3.56%	83	172	58	313	BD	<5	MTOJT
13-2081	Tax Examiners and Collectors, and Revenue Agents	556	548	-8	-1.44%	22	26	-4	44	BD	None	MTOJT
13-2082	Tax Preparers	1,621	1,689	68	4.19%	94	96	34	224	HS	None	MTOJT
15-0000	COMPUTER AND MATHEMATICAL OCCUPATIONS	24,083	25,325	1,242	5.16%	554	1,194	621	2,369			
15-1200	Computer Occupations	22,895	24,032	1,137	4.97%	524	1,138	568	2,230			
15-1211	Computer Systems Analysts	2,498	2,618	120	4.80%	63	116	60	239	BD	None	None
15-1212	Information Security Analysts	1,007	1,101	94	9.33%	24	52	47	123	BD	<5	None
15-1231	Computer Network Support Specialists	1,699	1,790	91	5.36%	41	93	46	180	AD	None	MTOJT
15-1232	Computer User Support Specialists	3,515	3,602	87	2.48%	84	190	44	318	SC	None	MTOJT
15-1241	Computer Network Architects	815	849	34	4.17%	14	38	17	69	BD	5+	None
15-1242	Database Administrators	472	495	23	4.87%	12	21	12	45	BD	None	None
15-1243	Database Architects	268	281	13	4.85%	6	12	6	24	BD	<5	None
15-1244	Network and Computer Systems Administrators	1,688	1,733	45	2.67%	36	78	22	136	BD	None	None
15-1251	Computer Programmers	1,767	1,770	3	0.17%	42	79	2	123	BD	None	None
15-1252	Software Developers	4,384	4,706	322	7.34%	80	220	161	461	BD	None	None
15-1254	Web Developers	285	313	28	9.82%	6	16	14	36	BD	None	None
15-1255	Web and Digital Interface Designers	765	803	38	4.97%	24	42	19	85	BD	None	None

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Standard Occupational Classification		Employment		Change		Annual Separations		Annual Openings		Recommended Education/Training		
Code	Title	2022 Estimated	2024 Projected	Numeric	Percent	Exits	Transfers	Change	Total	Education	Work Experience	Job Training
15-1299	Computer Occupations, All Other	1,162	1,197	35	3.01%	28	56	18	102	BD	None	None
15-2000	Mathematical Science Occupations	1,188	1,293	105	8.84%	30	55	52	137			
15-2031	Operations Research Analysts	286	303	17	5.94%	8	12	8	28	BD	None	None
15-2041	Statisticians	531	578	47	8.85%	14	26	24	64	MD	None	None
15-2051	Data Scientists	275	303	28	10.18%	7	14	14	35	BD	None	None
17-0000	ARCHITECTURE AND ENGINEERING OCCUPATIONS	11,899	12,297	398	3.34%	352	578	199	1,129			
17-1000	Architects, Surveyors, and Cartographers	1,486	1,537	51	3.43%	48	59	26	133			
17-1011	Architects, Except Landscape and Naval	1,021	1,062	41	4.02%	32	40	20	92	BD	None	I/R
17-1012	Landscape Architects	47	48	1	2.13%	2	2	0	4	BD	None	I/R
17-1021	Cartographers and Photogrammetrists	65	63	-2	-3.08%	2	2	-1	3	BD	None	None
17-1022	Surveyors	353	364	11	3.12%	12	15	6	33	BD	None	I/R
17-2000	Engineers	6,869	7,136	267	3.89%	160	280	134	574			
17-2031	Bioengineers and Biomedical Engineers	28	29	1	3.57%	0	1	0	1	BD	None	None
17-2041	Chemical Engineers	164	172	8	4.88%	4	6	4	14	BD	None	None
17-2051	Civil Engineers	1,761	1,823	62	3.52%	38	81	31	150	BD	None	None
17-2061	Computer Hardware Engineers	100	107	7	7.00%	2	4	4	10	BD	None	None
17-2071	Electrical Engineers	769	772	3	0.39%	20	28	2	50	BD	None	None
17-2072	Electronics Engineers, Except Computer	172	175	3	1.74%	4	6	2	12	BD	None	None
17-2081	Environmental Engineers	147	156	9	6.12%	4	6	4	14	BD	None	None
17-2111	Health and Safety Engineers, Except Mining Safety Engineers and Inspectors	190	201	11	5.79%	4	8	6	18	BD	None	None
17-2112	Industrial Engineers	1,622	1,709	87	5.36%	39	62	44	145	BD	None	None
17-2121	Marine Engineers and Naval Architects	20	21	1	5.00%	0	0	0	0	BD	None	None
17-2131	Materials Engineers	105	115	10	9.52%	3	4	5	12	BD	None	None
17-2141	Mechanical Engineers	1,233	1,292	59	4.79%	26	50	30	106	BD	None	None
17-2171	Petroleum Engineers	46	47	1	2.17%	1	2	0	3	BD	None	None
17-2199	Engineers, All Other	319	327	8	2.51%	8	13	4	25	BD	None	None
17-3000	Drafters, Engineering Technicians, and Mapping Technicians	3,544	3,624	80	2.26%	144	238	40	422			
17-3011	Architectural and Civil Drafters	756	784	28	3.70%	38	50	14	102	AD	None	None
17-3012	Electrical and Electronics Drafters	52	50	-2	-3.85%	2	3	-1	4	AD	None	None
17-3013	Mechanical Drafters	308	318	10	3.25%	10	18	5	33	AD	None	None

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Standard Occupational Classification		Employment		Change		Annual Separations		Annual Openings		Recommended Education/Training		
Code	Title	2022 Estimated	2024 Projected	Numeric	Percent	Exits	Transfers	Change	Total	Education	Work Experience	Job Training
17-3019	Drafters, All Other	39	39	0	0.00%	2	2	0	4	AD	None	None
17-3022	Civil Engineering Technologists and Technicians	245	247	2	0.82%	8	16	1	25	AD	None	None
17-3023	Electrical and Electronics Engineering Technologists and Technicians	256	262	6	2.34%	13	14	3	30	AD	None	None
17-3025	Environmental Engineering Technologists and Technicians	194	196	2	1.03%	7	12	1	20	AD	None	None
17-3026	Industrial Engineering Technologists and Technicians	362	374	12	3.31%	13	23	6	42	AD	None	None
17-3027	Mechanical Engineering Technologists and Technicians	64	64	0	0.00%	2	4	0	6	AD	None	None
17-3028	Calibration Technologists and Technicians	62	65	3	4.84%	2	4	2	8	AD	None	None
17-3029	Engineering Technologists and Technicians, Except Drafters, All Other	488	490	2	0.41%	18	30	1	49	AD	None	None
17-3031	Surveying and Mapping Technicians	705	721	16	2.27%	28	60	8	96	HS	None	MTOJT
19-0000	LIFE, PHYSICAL, AND SOCIAL SCIENCE OCCUPATIONS	8,354	8,503	149	1.78%	194	638	74	906			
19-1000	Life Scientists	2,130	2,149	19	0.89%	46	140	10	196			
19-1011	Animal Scientists	55	54	-1	-1.82%	2	4	0	6	BD	None	None
19-1012	Food Scientists and Technologists	338	356	18	5.33%	10	25	9	44	BD	None	None
19-1013	Soil and Plant Scientists	221	223	2	0.90%	6	16	1	23	BD	None	None
19-1022	Microbiologists	233	237	4	1.72%	4	16	2	22	BD	None	None
19-1023	Zoologists and Wildlife Biologists	165	164	-1	-0.61%	3	11	0	14	BD	None	None
19-1031	Conservation Scientists	156	155	-1	-0.64%	4	10	0	14	BD	None	None
19-1032	Foresters	387	374	-13	-3.36%	8	25	-6	27	BD	None	None
19-1041	Epidemiologists	44	47	3	6.82%	0	2	2	4	MD	None	None
19-1042	Medical Scientists, Except Epidemiologists	201	207	6	2.99%	3	10	3	16	DD	None	None
19-2000	Physical Scientists	891	905	14	1.57%	16	58	7	81			
19-2012	Physicists	50	49	-1	-2.00%	2	2	0	4	DD	None	None
19-2021	Atmospheric and Space Scientists	34	34	0	0.00%	0	2	0	2	BD	None	None
19-2031	Chemists	389	395	6	1.54%	7	25	3	35	BD	None	None
19-2041	Environmental Scientists and Specialists, Including Health	180	186	6	3.33%	4	12	3	19	BD	None	None

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Standard Occupational Classification		Employment		Change		Annual Separations		Annual Openings		Recommended Education/Training		
Code	Title	2022 Estimated	2024 Projected	Numeric	Percent	Exits	Transfers	Change	Total	Education	Work Experience	Job Training
19-2042	Geoscientists, Except Hydrologists and Geographers	118	122	4	3.39%	2	9	2	13	BD	None	None
19-2099	Physical Scientists, All Other	100	99	-1	-1.00%	2	6	0	8	BD	None	None
19-3000	<i>Social Scientists and Related Workers</i>	1,621	1,664	43	2.65%	44	76	22	142			
19-3011	Economists	132	135	3	2.27%	3	7	2	12	MD	None	None
19-3033	Clinical and Counseling Psychologists	498	518	20	4.02%	15	18	10	43	DD	None	I/R
19-3034	School Psychologists	250	257	7	2.80%	6	14	4	24	MD	None	I/R
19-3039	Psychologists, All Other	350	357	7	2.00%	12	12	4	28	MD	None	I/R
19-3051	Urban and Regional Planners	179	186	7	3.91%	4	12	4	20	MD	None	None
19-3091	Anthropologists and Archeologists	30	30	0	0.00%	0	2	0	2	MD	None	None
19-3099	Social Scientists and Related Workers, All Other	166	165	-1	-0.60%	4	12	0	16	BD	None	None
19-4000	<i>Life, Physical, and Social Science Technicians</i>	2,908	2,968	60	2.06%	70	299	30	399			
19-4012	Agricultural Technicians	503	514	11	2.19%	10	61	6	77	AD	None	MTOJT
19-4013	Food Science Technicians	85	83	-2	-2.35%	2	10	-1	11	AD	None	MTOJT
19-4021	Biological Technicians	333	336	3	0.90%	10	34	2	46	BD	None	None
19-4031	Chemical Technicians	703	728	25	3.56%	15	72	12	99	AD	None	MTOJT
19-4042	Environmental Science and Protection Technicians, Including Health	127	130	3	2.36%	3	10	2	15	AD	None	None
19-4044	Hydrologic Technicians	35	36	1	2.86%	1	3	0	4	AD	None	MTOJT
19-4061	Social Science Research Assistants	168	181	13	7.74%	4	17	6	27	BD	None	None
19-4071	Forest and Conservation Technicians	289	287	-2	-0.69%	8	28	-1	35	AD	None	None
19-4092	Forensic Science Technicians	163	165	2	1.23%	4	16	1	21	BD	None	MTOJT
19-4099	Life, Physical, and Social Science Technicians, All Other	437	447	10	2.29%	12	42	5	59	AD	None	None
19-5000	<i>Occupational Health and Safety Specialists and Technicians</i>	804	817	13	1.62%	18	64	6	88			
19-5011	Occupational Health and Safety Specialists	654	661	7	1.07%	15	52	4	71	BD	None	None
19-5012	Occupational Health and Safety Technicians	150	156	6	4.00%	4	12	3	19	HS	None	MTOJT
21-0000	COMMUNITY AND SOCIAL SERVICE OCCUPATIONS	33,681	34,295	614	1.82%	1,400	1,874	307	3,581			

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Standard Occupational Classification		Employment		Change		Annual Separations		Annual Openings		Recommended Education/Training		
Code	Title	2022 Estimated	2024 Projected	Numeric	Percent	Exits	Transfers	Change	Total	Education	Work Experience	Job Training
21-1000	<i>Counselors, Social Workers, and Other Community and Social Service Specialists</i>	16,154	16,768	614	3.80%	643	952	307	1,902			
21-1012	Educational, Guidance, and Career Counselors and Advisors	2,135	2,193	58	2.72%	68	109	29	206	MD	None	None
21-1013	Marriage and Family Therapists	34	34	0	0.00%	2	2	0	4	MD	None	I/R
21-1015	Rehabilitation Counselors	293	293	0	0.00%	12	15	0	27	MD	None	None
21-1018	Substance Abuse, Behavioral Disorder, and Mental Health Counselors	2,361	2,445	84	3.56%	87	134	42	263	BD	None	None
21-1019	Counselors, All Other	172	174	2	1.16%	8	10	1	19	MD	None	None
21-1021	Child, Family, and School Social Workers	1,248	1,246	-2	-0.16%	41	74	-1	114	BD	None	None
21-1022	Healthcare Social Workers	1,208	1,228	20	1.66%	48	65	10	123	MD	None	I/R
21-1023	Mental Health and Substance Abuse Social Workers	1,146	1,179	33	2.88%	58	46	16	120	MD	None	I/R
21-1029	Social Workers, All Other	1,315	1,314	-1	-0.08%	44	78	0	122	BD	None	None
21-1091	Health Education Specialists	243	246	3	1.23%	10	16	2	28	BD	None	None
21-1092	Probation Officers and Correctional Treatment Specialists	1,016	1,004	-12	-1.18%	29	56	-6	79	BD	None	STOJT
21-1093	Social and Human Service Assistants	4,061	4,418	357	8.79%	198	282	178	658	HS	None	STOJT
21-1094	Community Health Workers	192	196	4	2.08%	8	13	2	23	HS	None	STOJT
21-1099	Community and Social Service Specialists, All Other	730	798	68	9.32%	31	51	34	116	BD	None	None
21-2000	<i>Religious Workers</i>	17,527	17,527	0	0.00%	756	922	0	1,678			
21-2011	Clergy	15,413	15,412	-1	-0.01%	647	788	0	1,435	BD	None	MTOJT
21-2021	Directors, Religious Activities and Education	1,167	1,168	1	0.09%	49	73	0	122	BD	<5	None
21-2099	Religious Workers, All Other	947	947	0	0.00%	60	62	0	122	BD	None	None
23-0000	LEGAL OCCUPATIONS	7,607	7,914	307	4.04%	258	332	154	744			
23-1000	<i>Lawyers, Judges, and Related Workers</i>	3,867	3,977	110	2.84%	100	86	55	241			
23-1011	Lawyers	3,320	3,434	114	3.43%	85	72	57	214	DD	None	None
23-1012	Judicial Law Clerks	82	81	-1	-1.22%	3	3	0	6	DD	None	None
23-1021	Administrative Law Judges, Adjudicators, and Hearing Officers	226	224	-2	-0.88%	6	5	-1	10	DD	5+	STOJT
23-1022	Arbitrators, Mediators, and Conciliators	23	23	0	0.00%	0	0	0	0	BD	<5	MTOJT

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Code	Title	2022 Estimated	2024 Projected	Numeric	Percent	Exits	Transfers	Change	Total	Education	Work Experience	Job Training
23-1023	Judges, Magistrate Judges, and Magistrates	216	215	-1	-0.46%	6	4	0	10	DD	5+	STOJT
23-2000	Legal Support Workers	3,740	3,937	197	5.27%	158	246	98	502			
23-2011	Paralegals and Legal Assistants	2,875	3,035	160	5.57%	123	196	80	399	AD	None	None
23-2093	Title Examiners, Abstractors, and Searchers	774	813	39	5.04%	32	44	20	96	HS	None	MTOJT
23-2099	Legal Support Workers, All Other	91	89	-2	-2.20%	4	6	-1	9	AD	None	None
25-0000	EDUCATIONAL INSTRUCTION AND LIBRARY OCCUPATIONS	84,206	86,193	1,987	2.36%	3,698	3,796	994	8,488			
25-1000	Postsecondary Teachers	10,890	11,273	383	3.52%	498	421	192	1,111			
25-1011	Business Teachers, Postsecondary	560	575	15	2.68%	26	22	8	56	DD	None	None
25-1021	Computer Science Teachers, Postsecondary	374	386	12	3.21%	17	14	6	37	DD	None	None
25-1022	Mathematical Science Teachers, Postsecondary	463	478	15	3.24%	21	18	8	47	DD	None	None
25-1032	Engineering Teachers, Postsecondary	202	211	9	4.46%	10	8	4	22	DD	None	None
25-1041	Agricultural Sciences Teachers, Postsecondary	117	118	1	0.85%	6	4	0	10	DD	None	None
25-1042	Biological Science Teachers, Postsecondary	1,745	1,783	38	2.18%	80	67	19	166	DD	None	None
25-1051	Atmospheric, Earth, Marine, and Space Sciences Teachers, Postsecondary	43	44	1	2.33%	2	2	0	4	DD	None	None
25-1052	Chemistry Teachers, Postsecondary	255	263	8	3.14%	12	10	4	26	DD	None	None
25-1054	Physics Teachers, Postsecondary	106	109	3	2.83%	5	4	2	11	DD	None	None
25-1061	Anthropology and Archeology Teachers, Postsecondary	32	33	1	3.13%	2	1	0	3	DD	None	None
25-1063	Economics Teachers, Postsecondary	109	113	4	3.67%	5	4	2	11	DD	None	None
25-1065	Political Science Teachers, Postsecondary	111	114	3	2.70%	5	4	2	11	DD	None	None
25-1066	Psychology Teachers, Postsecondary	254	262	8	3.15%	12	10	4	26	DD	None	None
25-1067	Sociology Teachers, Postsecondary	128	132	4	3.13%	6	5	2	13	DD	None	None
25-1069	Social Sciences Teachers, Postsecondary, All Other	227	235	8	3.52%	10	9	4	23	DD	None	None
25-1071	Health Specialties Teachers, Postsecondary	807	856	49	6.07%	38	32	24	94	DD	<5	None

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Standard Occupational Classification		Employment		Change		Annual Separations		Annual Openings		Recommended Education/Training		
Code	Title	2022 Estimated	2024 Projected	Numeric	Percent	Exits	Transfers	Change	Total	Education	Work Experience	Job Training
25-1072	Nursing Instructors and Teachers, Postsecondary	515	544	29	5.63%	24	20	14	58	DD	<5	None
25-1081	Education Teachers, Postsecondary	481	497	16	3.33%	22	18	8	48	DD	<5	None
25-1082	Library Science Teachers, Postsecondary	37	38	1	2.70%	2	2	0	4	DD	None	None
25-1111	Criminal Justice and Law Enforcement Teachers, Postsecondary	68	71	3	4.41%	3	2	2	7	DD	None	None
25-1112	Law Teachers, Postsecondary	69	71	2	2.90%	3	2	1	6	DD	<5	None
25-1113	Social Work Teachers, Postsecondary	143	147	4	2.80%	6	6	2	14	DD	None	None
25-1121	Art, Drama, and Music Teachers, Postsecondary	813	838	25	3.08%	37	32	12	81	MD	None	None
25-1122	Communications Teachers, Postsecondary	354	365	11	3.11%	16	14	6	36	DD	None	None
25-1123	English Language and Literature Teachers, Postsecondary	534	551	17	3.18%	24	20	8	52	DD	None	None
25-1124	Foreign Language and Literature Teachers, Postsecondary	180	185	5	2.78%	8	7	2	17	DD	None	None
25-1125	History Teachers, Postsecondary	219	226	7	3.20%	10	8	4	22	DD	None	None
25-1126	Philosophy and Religion Teachers, Postsecondary	111	114	3	2.70%	5	4	2	11	DD	None	None
25-1192	Family and Consumer Sciences Teachers, Postsecondary	45	47	2	4.44%	2	2	1	5	DD	None	None
25-1193	Recreation and Fitness Studies Teachers, Postsecondary	155	160	5	3.23%	7	6	2	15	DD	None	None
25-1194	Career/Technical Education Teachers, Postsecondary	1,083	1,140	57	5.26%	50	42	28	120	BD	<5	None
25-1199	Postsecondary Teachers, All Other	499	514	15	3.01%	23	19	8	50	DD	None	None
25-2000	Preschool, Elementary, Middle, Secondary, and Special Education Teachers	43,722	44,650	928	2.12%	1,516	1,883	464	3,863			
25-2011	Preschool Teachers, Except Special Education	5,155	5,332	177	3.43%	242	320	88	650	AD	None	None
25-2012	Kindergarten Teachers, Except Special Education	2,336	2,366	30	1.28%	109	144	15	268	BD	None	None
25-2021	Elementary School Teachers, Except Special Education	12,859	13,111	252	1.96%	436	504	126	1,066	BD	None	None
25-2022	Middle School Teachers, Except Special and Career/Technical Education	5,811	5,926	115	1.98%	197	228	58	483	BD	None	None

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Standard Occupational Classification		Employment		Change		Annual Separations		Annual Openings		Recommended Education/Training		
Code	Title	2022 Estimated	2024 Projected	Numeric	Percent	Exits	Transfers	Change	Total	Education	Work Experience	Job Training
25-2031	Secondary School Teachers, Except Special and Career/Technical Education	12,197	12,450	253	2.07%	353	478	126	957	BD	None	None
25-2032	Career/Technical Education Teachers, Secondary School	1,184	1,205	21	1.77%	34	46	10	90	BD	<5	None
25-2051	Special Education Teachers, Preschool	396	403	7	1.77%	14	16	4	34	BD	None	None
25-2052	Special Education Teachers, Kindergarten and Elementary School	1,406	1,432	26	1.85%	49	55	13	117	BD	None	None
25-2057	Special Education Teachers, Middle School	911	928	17	1.87%	32	36	8	76	BD	None	None
25-2058	Special Education Teachers, Secondary School	1,438	1,467	29	2.02%	50	56	14	120	BD	None	None
25-3000	Other Teachers and Instructors	2,786	2,854	68	2.44%	182	151	34	367			
25-3011	Adult Basic Education, Adult Secondary Education, and English as a Second Language Instructors	340	342	2	0.59%	21	18	1	40	BD	None	None
25-3021	Self-Enrichment Teachers	710	732	22	3.10%	44	38	11	93	HS	<5	None
25-3031	Substitute Teachers, Short-Term	262	269	7	2.67%	16	14	4	34	BD	None	None
25-3041	Tutors	353	366	13	3.68%	31	22	6	59	SC	None	None
25-3099	Teachers and Instructors, All Other	1,121	1,145	24	2.14%	70	60	12	142	BD	None	None
25-4000	Librarians, Curators, and Archivists	2,057	2,081	24	1.17%	137	93	12	242			
25-4011	Archivists	51	52	1	1.96%	3	3	0	6	MD	None	None
25-4012	Curators	76	78	2	2.63%	4	4	1	9	MD	None	None
25-4013	Museum Technicians and Conservators	60	61	1	1.67%	4	4	0	8	BD	None	None
25-4022	Librarians and Media Collections Specialists	1,386	1,409	23	1.66%	82	56	12	150	MD	None	None
25-4031	Library Technicians	484	481	-3	-0.62%	44	26	-2	68	PS	None	None
25-9000	Other Educational Instruction and Library Occupations	24,751	25,335	584	2.36%	1,364	1,248	292	2,904			
25-9021	Farm and Home Management Educators	209	207	-2	-0.96%	10	9	-1	18	MD	None	None
25-9031	Instructional Coordinators	1,234	1,257	23	1.86%	61	52	12	125	MD	5+	None
25-9044	Teaching Assistants, Postsecondary	1,984	2,042	58	2.92%	120	114	29	263	BD	None	None
25-9045	Teaching Assistants, Except Postsecondary	10,962	11,179	217	1.98%	660	630	108	1,398	SC	None	None
25-9099	Educational Instruction and Library Workers, All Other	10,362	10,650	288	2.78%	514	442	144	1,100	BD	None	None
27-0000	ARTS, DESIGN, ENTERTAINMENT, SPORTS, AND MEDIA OCCUPATIONS	15,996	16,503	507	3.17%	676	1,014	254	1,944			

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Code	Title	2022 Estimated	2024 Projected	Numeric	Percent	Exits	Transfers	Change	Total	Education	Work Experience	Job Training
27-1000	Art and Design Workers	6,461	6,676	215	3.33%	272	397	108	777			
27-1011	Art Directors	638	649	11	1.72%	33	34	6	73	BD	5+	None
27-1013	Fine Artists, Including Painters, Sculptors, and Illustrators	48	50	2	4.17%	2	2	1	5	BD	None	LTOJT
27-1014	Special Effects Artists and Animators	151	157	6	3.97%	8	8	3	19	BD	None	None
27-1021	Commercial and Industrial Designers	228	237	9	3.95%	7	14	4	25	BD	None	None
27-1022	Fashion Designers	197	204	7	3.55%	7	13	4	24	BD	None	None
27-1023	Floral Designers	384	395	11	2.86%	24	22	6	52	HS	None	MTOJT
27-1024	Graphic Designers	1,510	1,538	28	1.85%	46	91	14	151	BD	None	None
27-1025	Interior Designers	1,126	1,167	41	3.64%	41	58	20	119	BD	None	None
27-1026	Merchandise Displayers and Window Trimmers	2,009	2,105	96	4.78%	96	144	48	288	HS	None	STOJT
27-1027	Set and Exhibit Designers	30	30	0	0.00%	1	2	0	3	BD	None	None
27-1029	Designers, All Other	38	39	1	2.63%	1	2	0	3	BD	None	None
27-2000	Entertainers and Performers, Sports, and Related Workers	3,635	3,753	118	3.25%	200	260	59	519			
27-2012	Producers and Directors	571	576	5	0.88%	16	38	2	56	BD	<5	None
27-2021	Athletes and Sports Competitors	442	464	22	4.98%	22	36	11	69	NFE	None	LTOJT
27-2022	Coaches and Scouts	1,971	2,063	92	4.67%	114	149	46	309	BD	None	None
27-3000	Media and Communication Workers	4,142	4,271	129	3.11%	148	252	64	464			
27-3011	Broadcast Announcers and Radio Disc Jockeys	190	181	-9	-4.74%	7	12	-4	15	BD	None	None
27-3023	News Analysts, Reporters, and Journalists	213	195	-18	-8.45%	8	16	-9	15	BD	None	None
27-3031	Public Relations Specialists	1,898	2,046	148	7.80%	49	123	74	246	BD	None	None
27-3041	Editors	493	464	-29	-5.88%	20	28	-14	34	BD	<5	None
27-3042	Technical Writers	174	179	5	2.87%	5	10	2	17	BD	<5	STOJT
27-3043	Writers and Authors	665	685	20	3.01%	30	38	10	78	BD	None	LTOJT
27-3091	Interpreters and Translators	290	306	16	5.52%	16	14	8	38	BD	None	None
27-4000	Media and Communication Equipment Workers	1,758	1,803	45	2.56%	56	106	22	184			
27-4011	Audio and Video Technicians	144	148	4	2.78%	4	10	2	16	PS	None	STOJT
27-4012	Broadcast Technicians	370	366	-4	-1.08%	10	25	-2	33	AD	None	STOJT
27-4014	Sound Engineering Technicians	31	34	3	9.68%	1	2	2	5	PS	None	STOJT
27-4021	Photographers	947	981	34	3.59%	33	52	17	102	HS	None	MTOJT

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Standard Occupational Classification		Employment		Change		Annual Separations		Annual Openings		Recommended Education/Training		
Code	Title	2022 Estimated	2024 Projected	Numeric	Percent	Exits	Transfers	Change	Total	Education	Work Experience	Job Training
27-4031	Camera Operators, Television, Video, and Film	68	69	1	1.47%	2	4	0	6	BD	None	None
27-4032	Film and Video Editors	171	179	8	4.68%	6	12	4	22	BD	None	None
29-0000	HEALTHCARE PRACTITIONERS AND TECHNICAL OCCUPATIONS	87,010	89,116	2,106	2.42%	2,698	2,573	1,053	6,324			
29-1000	<i>Health Diagnosing or Treating Practitioners</i>	51,829	53,102	1,273	2.46%	1,479	1,166	636	3,281			
29-1011	Chiropractors	438	458	20	4.57%	10	4	10	24	DD	None	None
29-1021	Dentists, General	797	804	7	0.88%	16	6	4	26	DD	None	None
29-1022	Oral and Maxillofacial Surgeons	121	121	0	0.00%	2	1	0	3	DD	None	I/R
29-1029	Dentists, All Other Specialists	25	25	0	0.00%	0	0	0	0	DD	None	I/R
29-1031	Dietitians and Nutritionists	778	805	27	3.47%	28	25	14	67	BD	None	I/R
29-1041	Optometrists	319	332	13	4.08%	6	3	6	15	DD	None	None
29-1051	Pharmacists	3,028	3,049	21	0.69%	65	54	10	129	DD	None	None
29-1071	Physician Assistants	789	831	42	5.32%	18	28	21	67	MD	None	None
29-1081	Podiatrists	44	45	1	2.27%	1	0	0	1	DD	None	I/R
29-1122	Occupational Therapists	1,168	1,224	56	4.79%	33	36	28	97	MD	None	None
29-1123	Physical Therapists	1,986	2,090	104	5.24%	50	40	52	142	DD	None	None
29-1125	Recreational Therapists	51	52	1	1.96%	2	2	0	4	BD	None	None
29-1126	Respiratory Therapists	1,529	1,583	54	3.53%	44	37	27	108	AD	None	None
29-1127	Speech-Language Pathologists	1,703	1,799	96	5.64%	48	56	48	152	MD	None	I/R
29-1128	Exercise Physiologists	84	85	1	1.19%	3	2	0	5	BD	None	None
29-1129	Therapists, All Other	232	238	6	2.59%	8	7	3	18	BD	None	None
29-1131	Veterinarians	578	608	30	5.19%	12	8	15	35	DD	None	None
29-1141	Registered Nurses	26,595	26,981	386	1.45%	859	665	193	1,717	BD	None	None
29-1171	Nurse Practitioners	2,649	2,926	277	10.46%	64	80	138	282	MD	None	None
29-1181	Audiologists	201	208	7	3.48%	4	4	4	12	DD	None	None
29-1214	Emergency Medicine Physicians	647	657	10	1.55%	12	6	5	23	DD	None	I/R
29-1215	Family Medicine Physicians	1,290	1,312	22	1.71%	25	12	11	48	DD	None	I/R
29-1216	General Internal Medicine Physicians	109	111	2	1.83%	2	1	1	4	DD	None	I/R
29-1221	Pediatricians, General	170	171	1	0.59%	4	2	0	6	DD	None	I/R
29-1222	Physicians, Pathologists	65	68	3	4.62%	2	0	2	4	DD	None	I/R
29-1223	Psychiatrists	116	120	4	3.45%	2	1	2	5	DD	None	I/R
29-1224	Radiologists	558	566	8	1.43%	11	5	4	20	DD	None	I/R

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Code	Title	2022 Estimated	2024 Projected	Numeric	Percent	Exits	Transfers	Change	Total	Education	Work Experience	Job Training
29-1229	Physicians, All Other	2,564	2,591	27	1.05%	50	24	14	88	DD	None	I/R
29-1242	Orthopedic Surgeons, Except Pediatric	247	251	4	1.62%	4	2	2	8	DD	None	I/R
29-1292	Dental Hygienists	1,287	1,300	13	1.01%	54	30	6	90	AD	None	None
29-1299	Healthcare Diagnosing or Treating Practitioners, All Other	209	210	1	0.48%	12	4	0	16	MD	None	None
29-2000	Health Technologists and Technicians	29,759	30,233	474	1.59%	1,052	1,221	237	2,510			
29-2010	Clinical Laboratory Technologists and Technicians	2,532	2,578	46	1.82%	82	94	23	199	BD	None	None
29-2031	Cardiovascular Technologists and Technicians	443	448	5	1.13%	14	14	2	30	AD	None	None
29-2032	Diagnostic Medical Sonographers	505	522	17	3.37%	15	13	8	36	AD	None	None
29-2033	Nuclear Medicine Technologists	179	180	1	0.56%	4	4	0	8	AD	None	None
29-2034	Radiologic Technologists and Technicians	2,335	2,376	41	1.76%	64	62	20	146	AD	None	None
29-2035	Magnetic Resonance Imaging Technologists	392	399	7	1.79%	14	10	4	28	AD	<5	None
29-2042	Emergency Medical Technicians	883	911	28	3.17%	22	46	14	82	PS	None	None
29-2043	Paramedics	1,127	1,170	43	3.82%	23	38	22	83	PS	<5	None
29-2051	Dietetic Technicians	88	89	1	1.14%	4	5	0	9	AD	None	None
29-2052	Pharmacy Technicians	4,228	4,296	68	1.61%	153	230	34	417	HS	None	MTOJT
29-2053	Psychiatric Technicians	570	604	34	5.96%	22	28	17	67	PS	<5	STOJT
29-2055	Surgical Technologists	1,312	1,334	22	1.68%	40	50	11	101	PS	None	None
29-2056	Veterinary Technologists and Technicians	374	395	21	5.61%	12	25	10	47	AD	None	None
29-2057	Ophthalmic Medical Technicians	539	563	24	4.45%	26	32	12	70	PS	None	None
29-2061	Licensed Practical and Licensed Vocational Nurses	10,487	10,518	31	0.30%	419	428	16	863	PS	None	None
29-2072	Medical Records Specialists	1,807	1,841	34	1.88%	66	64	17	147	PS	None	None
29-2081	Opticians, Dispensing	563	582	19	3.37%	25	23	10	58	HS	None	LTOJT
29-2091	Orthotists and Prosthetists	157	165	8	5.10%	6	6	4	16	MD	None	I/R
29-2099	Health Technologists and Technicians, All Other	1,125	1,145	20	1.78%	38	43	10	91	PS	None	None
29-9000	Other Healthcare Practitioners and Technical Occupations	5,422	5,781	359	6.62%	166	186	180	532			
29-9021	Health Information Technologists and Medical Registrars	130	136	6	4.62%	4	4	3	11	AD	None	None
29-9091	Athletic Trainers	183	190	7	3.83%	6	6	4	16	MD	None	None

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Code	Title	2022 Estimated	2024 Projected	Numeric	Percent	Exits	Transfers	Change	Total	Education	Work Experience	Job Training
29-9099	Healthcare Practitioners and Technical Workers, All Other	5,018	5,362	344	6.86%	154	172	172	498	PS	None	None
31-0000	HEALTHCARE SUPPORT OCCUPATIONS	56,199	57,023	824	1.47%	3,765	4,666	412	8,843			
31-1100	<i>Home Health and Personal Care Aides; and Nursing Assistants, Orderlies, and Psychiatric Aides</i>	37,486	37,477	-9	-0.02%	2,748	2,901	-4	5,645			
31-1120	Home Health and Personal Care Aides	19,213	19,301	88	0.46%	1,561	1,348	44	2,953	HS	None	STOJT
31-1131	Nursing Assistants	17,342	17,217	-125	-0.72%	1,131	1,462	-62	2,531	PS	None	None
31-1132	Orderlies	392	404	12	3.06%	24	38	6	68	HS	None	STOJT
31-1133	Psychiatric Aides	539	555	16	2.97%	32	52	8	92	HS	None	STOJT
31-2000	<i>Occupational Therapy and Physical Therapist Assistants and Aides</i>	2,441	2,612	171	7.01%	124	237	86	447			
31-2011	Occupational Therapy Assistants	458	496	38	8.30%	26	48	19	93	AD	None	None
31-2021	Physical Therapist Assistants	1,585	1,693	108	6.81%	78	151	54	283	AD	None	None
31-9000	<i>Other Healthcare Support Occupations</i>	16,272	16,934	662	4.07%	892	1,528	331	2,751			
31-9011	Massage Therapists	568	602	34	5.99%	40	38	17	95	PS	None	None
31-9091	Dental Assistants	3,221	3,252	31	0.96%	178	284	16	478	PS	None	None
31-9092	Medical Assistants	4,224	4,398	174	4.12%	199	398	87	684	PS	None	None
31-9093	Medical Equipment Preparers	297	301	4	1.35%	17	26	2	45	HS	None	MTOJT
31-9094	Medical Transcriptionists	364	354	-10	-2.75%	20	40	-5	55	PS	None	None
31-9095	Pharmacy Aides	173	171	-2	-1.16%	10	20	-1	29	HS	None	STOJT
31-9096	Veterinary Assistants and Laboratory Animal Caretakers	1,324	1,398	74	5.59%	80	183	37	300	HS	None	STOJT
31-9097	Phlebotomists	873	909	36	4.12%	44	82	18	144	PS	None	None
31-9099	Healthcare Support Workers, All Other	5,228	5,549	321	6.14%	304	456	160	920	HS	None	None
33-0000	PROTECTIVE SERVICE OCCUPATIONS	26,725	26,469	-256	-0.96%	1,246	1,589	-128	2,707			
33-1000	<i>Supervisors of Protective Service Workers</i>	3,989	3,937	-52	-1.30%	121	180	-26	275			
33-1011	First-Line Supervisors of Correctional Officers	687	670	-17	-2.47%	26	32	-8	50	HS	<5	None

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Standard Occupational Classification		Employment		Change		Annual Separations		Annual Openings		Recommended Education/Training		
Code	Title	2022 Estimated	2024 Projected	Numeric	Percent	Exits	Transfers	Change	Total	Education	Work Experience	Job Training
33-1012	First-Line Supervisors of Police and Detectives	1,765	1,733	-32	-1.81%	42	74	-16	100	HS	<5	MTOJT
33-1021	First-Line Supervisors of Firefighting and Prevention Workers	823	811	-12	-1.46%	26	32	-6	52	PS	<5	MTOJT
33-1091	First-line Supervisors of Security Workers	588	596	8	1.36%	22	35	4	61	HS	<5	None
33-1099	First-Line Supervisors of Protective Service Workers, All Other	126	127	1	0.79%	4	8	0	12	HS	<5	None
33-2000	Firefighting and Prevention Workers	1,997	1,984	-13	-0.65%	55	106	-6	155			
33-2011	Firefighters	1,816	1,798	-18	-0.99%	48	97	-9	136	PS	None	LTOJT
33-3000	Law Enforcement Workers	12,660	12,351	-309	-2.44%	421	674	-154	941			
33-3011	Bailiffs	103	100	-3	-2.91%	10	4	-2	12	HS	None	MTOJT
33-3012	Correctional Officers and Jailers	6,122	5,925	-197	-3.22%	214	345	-98	461	HS	None	MTOJT
33-3021	Detectives and Criminal Investigators	582	575	-7	-1.20%	18	27	-4	41	HS	<5	MTOJT
33-3051	Police and Sheriff's Patrol Officers	5,631	5,534	-97	-1.72%	167	286	-48	405	HS	None	MTOJT
33-9000	Other Protective Service Workers	8,079	8,197	118	1.46%	650	628	59	1,337			
33-9011	Animal Control Workers	144	141	-3	-2.08%	4	8	-2	10	HS	None	MTOJT
33-9021	Private Detectives and Investigators	207	217	10	4.83%	8	12	5	25	HS	<5	MTOJT
33-9032	Security Guards	5,759	5,830	71	1.23%	350	448	36	834	HS	None	STOJT
33-9092	Lifeguards, Ski Patrol, and Other Recreational Protective Service Workers	475	485	10	2.11%	71	55	5	131	NFE	None	STOJT
33-9093	Transportation Security Screeners	148	147	-1	-0.68%	6	8	0	14	HS	None	STOJT
33-9094	School Bus Monitors	613	622	9	1.47%	102	24	4	130	HS	None	STOJT
33-9099	Protective Service Workers, All Other	566	582	16	2.83%	85	66	8	159	HS	None	STOJT
35-0000	FOOD PREPARATION AND SERVING RELATED OCCUPATIONS	105,351	109,799	4,448	4.22%	9,280	10,850	2,224	22,354			
35-1000	Supervisors of Food Preparation and Serving Workers	11,295	11,779	484	4.29%	573	1,216	242	2,031			
35-1011	Chefs and Head Cooks	565	592	27	4.78%	20	57	14	91	HS	5+	None
35-1012	First-Line Supervisors of Food Preparation and Serving Workers	10,730	11,187	457	4.26%	553	1,158	228	1,939	HS	<5	None
35-2000	Cooks and Food Preparation Workers	29,944	31,286	1,342	4.48%	2,225	2,588	671	5,484			
35-2011	Cooks, Fast Food	4,649	4,664	15	0.32%	322	393	8	723	NFE	None	STOJT
35-2012	Cooks, Institution and Cafeteria	8,076	8,230	154	1.91%	562	688	77	1,327	NFE	None	STOJT

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Standard Occupational Classification		Employment		Change		Annual Separations		Annual Openings		Recommended Education/Training		
Code	Title	2022 Estimated	2024 Projected	Numeric	Percent	Exits	Transfers	Change	Total	Education	Work Experience	Job Training
35-2013	Cooks, Private Household	92	89	-3	-3.26%	6	8	-2	12	PS	<5	None
35-2014	Cooks, Restaurant	11,013	11,994	981	8.91%	794	972	490	2,256	NFE	<5	MTOJT
35-2015	Cooks, Short Order	631	658	27	4.28%	44	54	14	112	NFE	None	STOJT
35-2019	Cooks, All Other	76	77	1	1.32%	6	6	0	12	NFE	None	MTOJT
35-2021	Food Preparation Workers	5,407	5,574	167	3.09%	491	466	84	1,041	NFE	None	STOJT
35-3000	Food and Beverage Serving Workers	56,695	58,945	2,250	3.97%	5,680	6,386	1,125	13,191			
35-3011	Bartenders	2,634	2,779	145	5.50%	145	319	72	536	NFE	None	STOJT
35-3023	Fast Food and Counter Workers	36,015	37,436	1,421	3.95%	3,982	3,957	710	8,649	NFE	None	STOJT
35-3031	Waiters and Waitresses	16,590	17,235	645	3.89%	1,431	1,998	322	3,751	NFE	None	STOJT
35-3041	Food Servers, Nonrestaurant	1,456	1,495	39	2.68%	122	112	20	254	NFE	None	STOJT
35-9000	Other Food Preparation and Serving Related Workers	7,417	7,789	372	5.02%	803	660	186	1,649			
35-9011	Dining Room and Cafeteria Attendants and Bartender Helpers	2,488	2,633	145	5.83%	250	216	72	538	NFE	None	STOJT
35-9021	Dishwashers	2,903	3,025	122	4.20%	265	238	61	564	NFE	None	STOJT
35-9031	Hosts and Hostesses, Restaurant, Lounge, and Coffee Shop	1,641	1,718	77	4.69%	228	176	38	442	NFE	None	STOJT
35-9099	Food Preparation and Serving Related Workers, All Other	385	413	28	7.27%	59	32	14	105	NFE	None	STOJT
37-0000	BUILDING AND GROUNDS CLEANING AND MAINTENANCE OCCUPATIONS	44,858	45,264	406	0.91%	2,824	3,267	203	6,294			
37-1000	Supervisors of Building and Grounds Cleaning and Maintenance Workers	4,007	4,077	70	1.75%	174	268	35	477			
37-1011	First-Line Supervisors of Housekeeping and Janitorial Workers	2,208	2,239	31	1.40%	111	143	16	270	HS	<5	None
37-1012	First-Line Supervisors of Landscaping, Lawn Service, and Groundskeeping Workers	1,799	1,838	39	2.17%	63	126	20	209	HS	<5	None
37-2000	Building Cleaning and Pest Control Workers	31,865	31,989	124	0.39%	2,228	2,232	62	4,522			
37-2011	Janitors and Cleaners, Except Maids and Housekeeping Cleaners	17,123	17,432	309	1.80%	1,200	1,212	154	2,566	NFE	None	STOJT
37-2012	Maids and Housekeeping Cleaners	10,474	10,275	-199	-1.90%	781	675	-100	1,356	NFE	None	STOJT
37-3000	Grounds Maintenance Workers	8,986	9,198	212	2.36%	421	766	106	1,293			
37-3011	Landscaping and Groundskeeping Workers	8,028	8,224	196	2.44%	388	670	98	1,156	NFE	None	STOJT

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Standard Occupational Classification		Employment		Change		Annual Separations		Annual Openings		Recommended Education/Training		
Code	Title	2022 Estimated	2024 Projected	Numeric	Percent	Exits	Transfers	Change	Total	Education	Work Experience	Job Training
37-3012	Pesticide Handlers, Sprayers, and Applicators, Vegetation	327	336	9	2.75%	10	32	4	46	HS	None	MTOJT
37-3013	Tree Trimmers and Pruners	554	561	7	1.26%	20	56	4	80	HS	None	STOJT
37-3019	Grounds Maintenance Workers, All Other	77	77	0	0.00%	2	8	0	10	NFE	None	STOJT
39-0000	PERSONAL CARE AND SERVICE OCCUPATIONS	27,077	27,882	805	2.97%	1,942	2,806	402	5,150			
39-1000	Supervisors of Personal Care and Service Workers	1,394	1,470	76	5.45%	68	106	38	212			
39-1022	First-line Supervisors of Personal Service Workers	831	872	41	4.93%	40	63	20	123	HS	<5	None
39-2000	Animal Care and Service Workers	4,756	5,047	291	6.12%	318	544	146	1,008			
39-2011	Animal Trainers	1,310	1,334	24	1.83%	70	131	12	213	HS	None	MTOJT
39-2021	Animal Caretakers	3,446	3,713	267	7.75%	248	412	134	794	HS	None	STOJT
39-3000	Entertainment Attendants and Related Workers	2,367	2,539	172	7.27%	268	354	86	708			
39-3021	Motion Picture Projectionists	41	44	3	7.32%	5	6	2	13	NFE	None	STOJT
39-3031	Ushers, Lobby Attendants, and Ticket Takers	473	513	40	8.46%	70	69	20	159	NFE	None	STOJT
39-3091	Amusement and Recreation Attendants	1,438	1,518	80	5.56%	166	226	40	432	NFE	None	STOJT
39-3093	Locker Room, Coatroom, and Dressing Room Attendants	55	57	2	3.64%	6	8	1	15	HS	None	STOJT
39-4000	Funeral Service Workers	761	782	21	2.76%	46	70	10	126			
39-4021	Funeral Attendants	247	253	6	2.43%	16	24	3	43	HS	None	STOJT
39-4031	Morticians, Undertakers, and Funeral Arrangers	412	425	13	3.16%	24	36	6	66	AD	None	LTOJT
39-5000	Personal Appearance Workers	3,134	3,289	155	4.95%	195	244	78	517			
39-5011	Barbers	72	74	2	2.78%	3	6	1	10	PS	None	None
39-5012	Hairdressers, Hairstylists, and Cosmetologists	2,519	2,636	117	4.64%	160	196	58	414	PS	None	None
39-5092	Manicurists and Pedicurists	221	238	17	7.69%	12	16	8	36	PS	None	None
39-5093	Shampooers	113	119	6	5.31%	8	9	3	20	NFE	None	STOJT
39-5094	Skincare Specialists	209	222	13	6.22%	12	18	6	36	PS	None	None
39-6000	Baggage Porters, Bellhops, and Concierges	64	66	2	3.13%	4	6	1	11			
39-6011	Baggage Porters and Bellhops	32	33	1	3.13%	2	3	0	5	HS	None	STOJT

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Standard Occupational Classification		Employment		Change		Annual Separations		Annual Openings		Recommended Education/Training		
Code	Title	2022 Estimated	2024 Projected	Numeric	Percent	Exits	Transfers	Change	Total	Education	Work Experience	Job Training
39-6012	Concierges	32	33	1	3.13%	2	3	0	5	HS	None	MTOJT
39-7000	Tour and Travel Guides	224	234	10	4.46%	18	26	5	49			
39-7010	Tour and Travel Guides	224	234	10	4.46%	18	26	5	49	HS	None	MTOJT
39-9000	Other Personal Care and Service Workers	14,377	14,455	78	0.54%	1,024	1,455	39	2,518			
39-9011	Childcare Workers	10,250	10,188	-62	-0.60%	748	961	-31	1,678	HS	None	STOJT
39-9031	Exercise Trainers and Group Fitness Instructors	1,465	1,572	107	7.30%	96	174	54	324	HS	None	STOJT
39-9032	Recreation Workers	1,357	1,370	13	0.96%	100	174	6	280	HS	None	STOJT
39-9041	Residential Advisors	980	999	19	1.94%	56	114	10	180	HS	None	STOJT
39-9099	Personal Care and Service Workers, All Other	325	326	1	0.31%	24	32	0	56	HS	None	STOJT
41-0000	SALES AND RELATED OCCUPATIONS	136,496	140,732	4,236	3.10%	8,166	10,428	2,118	20,712			
41-1000	Supervisors of Sales Workers	21,418	21,825	407	1.90%	870	1,437	204	2,511			
41-1011	First-Line Supervisors of Retail Sales Workers	17,857	18,201	344	1.93%	746	1,232	172	2,150	HS	<5	None
41-1012	First-Line Supervisors of Non-Retail Sales Workers	3,561	3,624	63	1.77%	124	206	32	362	HS	<5	None
41-2000	Retail Sales Workers	73,014	74,875	1,861	2.55%	5,654	6,246	930	12,830			
41-2011	Cashiers	30,515	31,033	518	1.70%	2,956	2,848	259	6,063	NFE	None	STOJT
41-2021	Counter and Rental Clerks	4,778	4,922	144	3.01%	283	310	72	665	NFE	None	STOJT
41-2031	Retail Salespersons	34,308	35,401	1,093	3.19%	2,240	2,824	546	5,610	NFE	None	STOJT
41-3000	Sales Representatives, Services	18,403	19,616	1,213	6.59%	661	1,196	606	2,463			
41-3011	Advertising Sales Agents	884	846	-38	-4.30%	32	72	-19	85	HS	None	MTOJT
41-3021	Insurance Sales Agents	9,272	10,343	1,071	11.55%	390	508	536	1,434	HS	None	MTOJT
41-3031	Securities, Commodities, and Financial Services Sales Agents	1,922	1,992	70	3.64%	54	113	35	202	BD	None	MTOJT
41-3041	Travel Agents	130	129	-1	-0.77%	8	8	0	16	HS	None	MTOJT
41-3091	Sales Representatives of Services, Except Advertising, Insurance, Financial Services, and Travel	6,195	6,306	111	1.79%	177	495	56	728	HS	None	MTOJT
41-4000	Sales Representatives, Wholesale and Manufacturing	15,466	16,028	562	3.63%	541	1,041	281	1,863			

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Standard Occupational Classification		Employment		Change		Annual Separations		Annual Openings		Recommended Education/Training		
Code	Title	2022 Estimated	2024 Projected	Numeric	Percent	Exits	Transfers	Change	Total	Education	Work Experience	Job Training
41-4011	Sales Representatives, Wholesale and Manufacturing, Technical and Scientific Products	2,134	2,214	80	3.75%	74	144	40	258	BD	None	MTOJT
41-4012	Sales Representatives, Wholesale and Manufacturing, Except Technical and Scientific Products	13,332	13,814	482	3.62%	466	898	241	1,605	HS	None	MTOJT
41-9000	Other Sales and Related Workers	8,195	8,388	193	2.36%	441	508	96	1,045			
41-9021	Real Estate Brokers	177	183	6	3.39%	9	8	3	20	HS	<5	None
41-9022	Real Estate Sales Agents	3,879	4,029	150	3.87%	194	160	75	429	HS	None	MTOJT
41-9031	Sales Engineers	79	85	6	7.59%	2	6	3	11	BD	None	MTOJT
41-9041	Telemarketers	736	698	-38	-5.16%	38	68	-19	87	NFE	None	STOJT
41-9099	Sales and Related Workers, All Other	3,136	3,204	68	2.17%	176	254	34	464	HS	None	None
43-0000	OFFICE AND ADMINISTRATIVE SUPPORT OCCUPATIONS	165,744	168,396	2,652	1.60%	8,978	11,182	1,326	21,486			
43-1000	Supervisors of Office and Administrative Support Workers	15,162	15,390	228	1.50%	666	980	114	1,760			
43-1011	First-Line Supervisors of Office and Administrative Support Workers	15,162	15,390	228	1.50%	666	980	114	1,760	HS	<5	None
43-2000	Communications Equipment Operators	366	349	-17	-4.64%	20	23	-8	35			
43-2011	Switchboard Operators, Including Answering Service	337	321	-16	-4.75%	19	20	-8	31	HS	None	STOJT
43-3000	Financial Clerks	24,577	24,868	291	1.18%	1,409	1,501	146	3,056			
43-3011	Bill and Account Collectors	1,651	1,634	-17	-1.03%	76	114	-8	182	HS	None	MTOJT
43-3021	Billing and Posting Clerks	3,478	3,536	58	1.67%	169	231	29	429	HS	None	MTOJT
43-3031	Bookkeeping, Accounting, and Auditing Clerks	12,840	13,033	193	1.50%	866	725	96	1,687	SC	None	MTOJT
43-3051	Payroll and Timekeeping Clerks	1,118	1,108	-10	-0.89%	56	68	-5	119	HS	None	MTOJT
43-3061	Procurement Clerks	712	716	4	0.56%	22	50	2	74	HS	None	MTOJT
43-3071	Tellers	4,545	4,589	44	0.97%	210	296	22	528	HS	None	STOJT
43-4000	Information and Record Clerks	49,426	50,109	683	1.38%	2,793	3,906	342	7,041			
43-4031	Court, Municipal, and License Clerks	1,743	1,711	-32	-1.84%	96	100	-16	180	HS	None	LTOJT
43-4041	Credit Authorizers, Checkers, and Clerks	116	117	1	0.86%	5	7	0	12	HS	None	MTOJT
43-4051	Customer Service Representatives	20,072	20,407	335	1.67%	1,116	1,728	168	3,012	HS	None	STOJT

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Standard Occupational Classification		Employment		Change		Annual Separations		Annual Openings		Recommended Education/Training		
Code	Title	2022 Estimated	2024 Projected	Numeric	Percent	Exits	Transfers	Change	Total	Education	Work Experience	Job Training
43-4061	Eligibility Interviewers, Government Programs	1,636	1,633	-3	-0.18%	70	90	-2	158	HS	None	MTOJT
43-4071	File Clerks	520	512	-8	-1.54%	31	34	-4	61	HS	None	STOJT
43-4081	Hotel, Motel, and Resort Desk Clerks	2,655	2,707	52	1.96%	184	295	26	505	HS	None	STOJT
43-4111	Interviewers, Except Eligibility and Loan	2,637	2,599	-38	-1.44%	147	196	-19	324	HS	None	STOJT
43-4121	Library Assistants, Clerical	397	391	-6	-1.51%	40	26	-3	63	HS	None	STOJT
43-4131	Loan Interviewers and Clerks	2,587	2,687	100	3.87%	90	162	50	302	HS	None	STOJT
43-4141	New Accounts Clerks	674	680	6	0.89%	24	52	3	79	HS	None	MTOJT
43-4151	Order Clerks	420	421	1	0.24%	20	29	0	49	SC	None	STOJT
43-4161	Human Resources Assistants, Except Payroll and Timekeeping	647	657	10	1.55%	32	42	5	79	AD	None	None
43-4171	Receptionists and Information Clerks	13,819	14,079	260	1.88%	866	1,038	130	2,034	HS	None	STOJT
43-4181	Reservation and Transportation Ticket Agents and Travel Clerks	200	202	2	1.00%	10	14	1	25	HS	None	STOJT
43-4199	Information and Record Clerks, All Other	1,213	1,217	4	0.33%	59	84	2	145	HS	None	STOJT
43-5000	Material Recording, Scheduling, Dispatching, and Distributing Workers	20,710	20,997	287	1.39%	880	1,258	144	2,282			
43-5011	Cargo and Freight Agents	1,336	1,383	47	3.52%	60	93	24	177	HS	None	STOJT
43-5021	Couriers and Messengers	1,044	1,063	19	1.82%	50	63	10	123	HS	None	STOJT
43-5031	Public Safety Telecommunicators	1,233	1,218	-15	-1.22%	52	76	-8	120	HS	None	MTOJT
43-5032	Dispatchers, Except Police, Fire, and Ambulance	1,541	1,565	24	1.56%	64	94	12	170	HS	None	MTOJT
43-5041	Meter Readers, Utilities	380	384	4	1.05%	14	18	2	34	HS	None	STOJT
43-5051	Postal Service Clerks	1,051	1,048	-3	-0.29%	54	42	-2	94	HS	None	STOJT
43-5052	Postal Service Mail Carriers	3,161	3,151	-10	-0.32%	122	122	-5	239	HS	None	STOJT
43-5053	Postal Service Mail Sorters, Processors, and Processing Machine Operators	588	580	-8	-1.36%	34	22	-4	52	HS	None	STOJT
43-5061	Production, Planning, and Expediting Clerks	2,747	2,843	96	3.49%	110	200	48	358	HS	None	MTOJT
43-5071	Shipping, Receiving, and Inventory Clerks	6,837	6,946	109	1.59%	286	472	54	812	HS	None	STOJT
43-5111	Weighers, Measurers, Checkers, and Samplers, Recordkeeping	792	816	24	3.03%	36	56	12	104	HS	None	STOJT
43-6000	Secretaries and Administrative Assistants	17,710	17,619	-91	-0.51%	1,000	1,076	-46	2,030			
43-6011	Executive Secretaries and Executive Administrative Assistants	2,397	2,402	5	0.21%	114	162	2	278	HS	<5	None

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Standard Occupational Classification		Employment		Change		Annual Separations		Annual Openings		Recommended Education/Training		
Code	Title	2022 Estimated	2024 Projected	Numeric	Percent	Exits	Transfers	Change	Total	Education	Work Experience	Job Training
43-6012	Legal Secretaries and Administrative Assistants	1,021	1,010	-11	-1.08%	58	67	-6	119	HS	None	MTOJT
43-6013	Medical Secretaries and Administrative Assistants	1,216	1,245	29	2.38%	70	72	14	156	HS	None	MTOJT
43-6014	Secretaries and Administrative Assistants, Except Legal, Medical, and Executive	13,076	12,962	-114	-0.87%	756	776	-57	1,475	HS	None	STOJT
43-9000	Other Office and Administrative Support Workers	37,793	39,064	1,271	3.36%	2,210	2,440	636	5,286			
43-9021	Data Entry Keyers	1,243	1,208	-35	-2.82%	65	87	-18	134	HS	None	STOJT
43-9022	Word Processors and Typists	60	55	-5	-8.33%	4	3	-2	5	HS	None	STOJT
43-9041	Insurance Claims and Policy Processing Clerks	7,655	8,552	897	11.72%	333	501	448	1,282	HS	None	MTOJT
43-9051	Mail Clerks and Mail Machine Operators, Except Postal Service	405	399	-6	-1.48%	26	26	-3	49	HS	None	STOJT
43-9061	Office Clerks, General	26,865	27,306	441	1.64%	1,708	1,704	220	3,632	HS	None	STOJT
43-9071	Office Machine Operators, Except Computer	152	152	0	0.00%	10	12	0	22	HS	None	STOJT
43-9081	Proofreaders and Copy Markers	67	67	0	0.00%	5	4	0	9	BD	None	None
43-9199	Office and Administrative Support Workers, All Other	1,321	1,302	-19	-1.44%	56	98	-10	144	HS	None	STOJT
45-0000	FARMING, FISHING, AND FORESTRY OCCUPATIONS	16,860	16,524	-336	-1.99%	848	1,796	-168	2,476			
45-2000	Agricultural Workers	14,089	13,771	-318	-2.26%	720	1,496	-159	2,057			
45-2011	Agricultural Inspectors	141	142	1	0.71%	6	19	0	25	BD	None	MTOJT
45-2041	Graders and Sorters, Agricultural Products	1,904	1,892	-12	-0.63%	95	190	-6	279	NFE	None	STOJT
45-2091	Agricultural Equipment Operators	974	986	12	1.23%	51	106	6	163	NFE	None	MTOJT
45-2092	Farmworkers and Laborers, Crop, Nursery, and Greenhouse	6,006	5,904	-102	-1.70%	310	644	-51	903	NFE	None	STOJT
45-2093	Farmworkers, Farm, Ranch, and Aquacultural Animals	4,785	4,574	-211	-4.41%	244	506	-106	644	NFE	None	STOJT
45-4000	Forest, Conservation, and Logging Workers	2,012	1,999	-13	-0.65%	93	226	-6	313			
45-4021	Fallers	157	152	-5	-3.18%	7	17	-2	22	HS	None	MTOJT
45-4022	Logging Equipment Operators	1,406	1,389	-17	-1.21%	62	156	-8	210	HS	None	MTOJT
45-4023	Log Graders and Scalers	128	129	1	0.78%	6	14	0	20	HS	None	MTOJT

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Standard Occupational Classification		Employment		Change		Annual Separations		Annual Openings		Recommended Education/Training		
Code	Title	2022 Estimated	2024 Projected	Numeric	Percent	Exits	Transfers	Change	Total	Education	Work Experience	Job Training
47-0000	CONSTRUCTION AND EXTRACTION OCCUPATIONS	52,889	54,558	1,669	3.16%	1,875	3,426	834	6,135			
47-1000	Supervisors of Construction and Extraction Workers	5,984	6,135	151	2.52%	198	366	76	640			
47-1011	First-Line Supervisors of Construction Trades and Extraction Workers	5,984	6,135	151	2.52%	198	366	76	640	HS	5+	None
47-2000	Construction Trades Workers	38,729	40,185	1,456	3.76%	1,342	2,500	728	4,570			
47-2011	Boilermakers	31	32	1	3.23%	1	2	0	3	HS	None	App.
47-2021	Brickmasons and Blockmasons	381	389	8	2.10%	15	22	4	41	HS	None	App.
47-2031	Carpenters	3,974	4,110	136	3.42%	140	236	68	444	HS	None	App.
47-2041	Carpet Installers	160	160	0	0.00%	5	8	0	13	NFE	None	STOJT
47-2042	Floor Layers, Except Carpet, Wood, and Hard Tiles	278	294	16	5.76%	10	16	8	34	NFE	None	MTOJT
47-2044	Tile and Stone Setters	223	232	9	4.04%	8	12	4	24	NFE	None	LTOJT
47-2051	Cement Masons and Concrete Finishers	1,265	1,268	3	0.24%	33	79	2	114	NFE	None	MTOJT
47-2061	Construction Laborers	11,193	11,546	353	3.15%	404	705	176	1,285	NFE	None	STOJT
47-2073	Operating Engineers and Other Construction Equipment Operators	4,687	4,740	53	1.13%	168	312	26	506	HS	None	MTOJT
47-2081	Drywall and Ceiling Tile Installers	436	454	18	4.13%	12	24	9	45	NFE	None	MTOJT
47-2111	Electricians	7,253	7,783	530	7.31%	256	508	265	1,029	HS	None	App.
47-2121	Glaziers	416	428	12	2.88%	14	31	6	51	HS	None	App.
47-2131	Insulation Workers, Floor, Ceiling, and Wall	313	329	16	5.11%	9	19	8	36	NFE	None	STOJT
47-2132	Insulation Workers, Mechanical	130	138	8	6.15%	4	8	4	16	HS	None	App.
47-2141	Painters, Construction and Maintenance	1,282	1,317	35	2.73%	44	66	18	128	NFE	None	MTOJT
47-2142	Paperhangers	36	36	0	0.00%	1	2	0	3	NFE	None	LTOJT
47-2151	Pipelayers	374	377	3	0.80%	11	26	2	39	NFE	None	STOJT
47-2152	Plumbers, Pipefitters, and Steamfitters	3,509	3,689	180	5.13%	120	243	90	453	HS	None	App.
47-2171	Reinforcing Iron and Rebar Workers	94	96	2	2.13%	4	6	1	11	HS	None	App.
47-2181	Roofers	958	973	15	1.57%	28	60	8	96	NFE	None	MTOJT
47-2211	Sheet Metal Workers	894	938	44	4.92%	28	60	22	110	HS	None	App.
47-2221	Structural Iron and Steel Workers	389	395	6	1.54%	12	28	3	43	HS	None	App.
47-3000	Helpers, Construction Trades	1,314	1,361	47	3.58%	45	115	24	184			
47-3011	Helpers--Brickmasons, Blockmasons, Stonemasons, and Tile and Marble Setters	113	112	-1	-0.88%	4	10	0	14	NFE	None	STOJT
47-3012	Helpers--Carpenters	85	90	5	5.88%	3	8	2	13	NFE	None	STOJT

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Standard Occupational Classification		Employment		Change		Annual Separations		Annual Openings		Recommended Education/Training		
Code	Title	2022 Estimated	2024 Projected	Numeric	Percent	Exits	Transfers	Change	Total	Education	Work Experience	Job Training
47-3013	Helpers--Electricians	379	400	21	5.54%	13	34	10	57	HS	None	STOJT
47-3014	Helpers--Painters, Paperhangers, Plasterers, and Stucco Masons	65	67	2	3.08%	2	6	1	9	NFE	None	STOJT
47-3015	Helpers--Pipelayers, Plumbers, Pipefitters, and Steamfitters	210	224	14	6.67%	8	19	7	34	HS	None	STOJT
47-3016	Helpers--Roofers	63	64	1	1.59%	2	6	0	8	NFE	None	STOJT
47-3019	Helpers, Construction Trades, All Other	399	404	5	1.25%	14	34	2	50	NFE	None	STOJT
47-4000	Other Construction and Related Workers	5,062	5,060	-2	-0.04%	238	306	-1	543			
47-4011	Construction and Building Inspectors	1,103	1,095	-8	-0.73%	70	63	-4	129	HS	5+	MTOJT
47-4021	Elevator and Escalator Installers and Repairers	68	73	5	7.35%	2	4	2	8	HS	None	App.
47-4031	Fence Erectors	208	209	1	0.48%	6	14	0	20	NFE	None	MTOJT
47-4041	Hazardous Materials Removal Workers	491	512	21	4.28%	24	40	10	74	HS	None	MTOJT
47-4051	Highway Maintenance Workers	2,583	2,571	-12	-0.46%	118	146	-6	258	HS	None	MTOJT
47-4061	Rail-Track Laying and Maintenance Equipment Operators	316	296	-20	-6.33%	6	16	-10	12	HS	None	MTOJT
47-4071	Septic Tank Servicers and Sewer Pipe Cleaners	59	64	5	8.47%	2	4	2	8	HS	None	MTOJT
47-4090	Miscellaneous Construction and Related Workers	234	240	6	2.56%	10	16	3	29	HS	None	MTOJT
47-5000	Extraction Workers	1,800	1,817	17	0.94%	52	140	8	200			
47-5013	Service Unit Operators, Oil and Gas	289	287	-2	-0.69%	7	26	-1	32	NFE	None	MTOJT
47-5022	Excavating and Loading Machine and Dragline Operators, Surface Mining	551	554	3	0.54%	18	40	2	60	HS	<5	MTOJT
47-5023	Earth Drillers, Except Oil and Gas	106	110	4	3.77%	4	8	2	14	HS	<5	LTOJT
47-5041	Continuous Mining Machine Operators	103	105	2	1.94%	4	9	1	14	NFE	None	MTOJT
47-5051	Rock Splitters, Quarry	39	40	1	2.56%	1	4	0	5	NFE	None	STOJT
47-5071	Roustabouts, Oil and Gas	283	286	3	1.06%	7	26	2	35	NFE	None	MTOJT
47-5081	Helpers--Extraction Workers	74	77	3	4.05%	2	6	2	10	HS	None	MTOJT
49-0000	INSTALLATION, MAINTENANCE, AND REPAIR OCCUPATIONS	61,604	63,518	1,914	3.11%	2,278	3,733	957	6,968			
49-1000	Supervisors of Installation, Maintenance, and Repair Workers	6,269	6,408	139	2.22%	238	352	70	660			

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Standard Occupational Classification		Employment		Change		Annual Separations		Annual Openings		Recommended Education/Training		
Code	Title	2022 Estimated	2024 Projected	Numeric	Percent	Exits	Transfers	Change	Total	Education	Work Experience	Job Training
49-1011	First-Line Supervisors of Mechanics, Installers, and Repairers	6,269	6,408	139	2.22%	238	352	70	660	HS	<5	None
49-2000	Electrical and Electronic Equipment Mechanics, Installers, and Repairers	4,109	4,124	15	0.37%	146	290	8	444			
49-2011	Computer, Automated Teller, and Office Machine Repairers	539	532	-7	-1.30%	18	39	-4	53	SC	None	STOJT
49-2021	Radio, Cellular, and Tower Equipment Installers and Repairers	105	111	6	5.71%	4	8	3	15	AD	None	MTOJT
49-2022	Telecommunications Equipment Installers and Repairers, Except Line Installers	1,734	1,742	8	0.46%	66	131	4	201	PS	None	MTOJT
49-2091	Avionics Technicians	45	46	1	2.22%	2	2	0	4	AD	None	None
49-2092	Electric Motor, Power Tool, and Related Repairers	176	180	4	2.27%	5	10	2	17	HS	<5	MTOJT
49-2094	Electrical and Electronics Repairers, Commercial and Industrial Equipment	380	388	8	2.11%	12	24	4	40	PS	None	LTOJT
49-2095	Electrical and Electronics Repairers, Powerhouse, Substation, and Relay	198	195	-3	-1.52%	6	12	-2	16	PS	<5	MTOJT
49-2097	Audiovisual Equipment Installers and Repairers	281	275	-6	-2.14%	10	20	-3	27	PS	None	STOJT
49-2098	Security and Fire Alarm Systems Installers	505	520	15	2.97%	18	36	8	62	HS	None	MTOJT
49-3000	Vehicle and Mobile Equipment Mechanics, Installers, and Repairers	17,439	17,850	411	2.36%	600	1,098	206	1,904			
49-3011	Aircraft Mechanics and Service Technicians	509	523	14	2.75%	15	26	7	48	PS	None	None
49-3021	Automotive Body and Related Repairers	1,351	1,389	38	2.81%	53	78	19	150	HS	None	LTOJT
49-3022	Automotive Glass Installers and Repairers	137	143	6	4.38%	4	10	3	17	HS	None	MTOJT
49-3023	Automotive Service Technicians and Mechanics	5,120	5,198	78	1.52%	178	327	39	544	PS	None	STOJT
49-3031	Bus and Truck Mechanics and Diesel Engine Specialists	4,876	4,982	106	2.17%	164	284	53	501	HS	None	LTOJT
49-3041	Farm Equipment Mechanics and Service Technicians	1,205	1,238	33	2.74%	40	77	16	133	HS	None	LTOJT
49-3042	Mobile Heavy Equipment Mechanics, Except Engines	1,433	1,486	53	3.70%	47	92	26	165	HS	None	LTOJT
49-3043	Rail Car Repairers	542	529	-13	-2.40%	18	34	-6	46	HS	None	LTOJT

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Standard Occupational Classification		Employment		Change		Annual Separations		Annual Openings		Recommended Education/Training		
Code	Title	2022 Estimated	2024 Projected	Numeric	Percent	Exits	Transfers	Change	Total	Education	Work Experience	Job Training
49-3051	Motorboat Mechanics and Service Technicians	272	285	13	4.78%	11	18	6	35	HS	None	LTOJT
49-3052	Motorcycle Mechanics	118	123	5	4.24%	5	8	2	15	PS	None	STOJT
49-3053	Outdoor Power Equipment and Other Small Engine Mechanics	314	323	9	2.87%	12	20	4	36	HS	None	MTOJT
49-3091	Bicycle Repairers	128	134	6	4.69%	4	10	3	17	HS	None	MTOJT
49-3092	Recreational Vehicle Service Technicians	166	176	10	6.02%	6	14	5	25	HS	None	LTOJT
49-3093	Tire Repairers and Changers	1,268	1,321	53	4.18%	44	100	26	170	HS	None	STOJT
49-9000	Other Installation, Maintenance, and Repair Occupations	33,787	35,136	1,349	3.99%	1,293	1,994	674	3,961			
49-9011	Mechanical Door Repairers	371	397	26	7.01%	11	19	13	43	HS	None	MTOJT
49-9012	Control and Valve Installers and Repairers, Except Mechanical Door	584	575	-9	-1.54%	16	29	-4	41	HS	None	MTOJT
49-9021	Heating, Air Conditioning, and Refrigeration Mechanics and Installers	4,083	4,373	290	7.10%	129	270	145	544	PS	None	LTOJT
49-9031	Home Appliance Repairers	299	291	-8	-2.68%	12	18	-4	26	HS	None	MTOJT
49-9041	Industrial Machinery Mechanics	7,117	7,534	417	5.86%	260	378	208	846	HS	None	LTOJT
49-9043	Maintenance Workers, Machinery	620	636	16	2.58%	30	36	8	74	HS	None	LTOJT
49-9044	Millwrights	878	906	28	3.19%	30	48	14	92	HS	None	App.
49-9051	Electrical Power-Line Installers and Repairers	1,664	1,694	30	1.80%	38	100	15	153	HS	None	LTOJT
49-9052	Telecommunications Line Installers and Repairers	1,401	1,472	71	5.07%	43	109	36	188	HS	None	LTOJT
49-9061	Camera and Photographic Equipment Repairers	29	27	-2	-6.90%	1	2	-1	2	HS	None	LTOJT
49-9062	Medical Equipment Repairers	581	603	22	3.79%	26	36	11	73	AD	None	MTOJT
49-9063	Musical Instrument Repairers and Tuners	32	32	0	0.00%	2	2	0	4	HS	None	App.
49-9069	Precision Instrument and Equipment Repairers, All Other	117	117	0	0.00%	5	7	0	12	HS	None	LTOJT
49-9071	Maintenance and Repair Workers, General	12,315	12,658	343	2.79%	512	694	172	1,378	HS	None	MTOJT
49-9091	Coin, Vending, and Amusement Machine Servicers and Repairers	312	315	3	0.96%	16	22	2	40	HS	None	STOJT
49-9094	Locksmiths and Safe Repairers	68	67	-1	-1.47%	3	4	0	7	HS	None	LTOJT
49-9096	Riggers	147	154	7	4.76%	8	10	4	22	HS	None	MTOJT
49-9098	Helpers--Installation, Maintenance, and Repair Workers	1,757	1,843	86	4.89%	100	116	43	259	HS	None	STOJT

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Standard Occupational Classification		Employment		Change		Annual Separations		Annual Openings		Recommended Education/Training		
Code	Title	2022 Estimated	2024 Projected	Numeric	Percent	Exits	Transfers	Change	Total	Education	Work Experience	Job Training
49-9099	Installation, Maintenance, and Repair Workers, All Other	1,220	1,255	35	2.87%	44	82	18	144	HS	None	MTOJT
51-0000	PRODUCTION OCCUPATIONS	115,441	117,569	2,128	1.84%	5,074	8,442	1,064	14,580			
51-1000	Supervisors of Production Workers	10,079	10,372	293	2.91%	370	687	146	1,203			
51-1011	First-Line Supervisors of Production and Operating Workers	10,079	10,372	293	2.91%	370	687	146	1,203	HS	<5	None
51-2000	Assemblers and Fabricators	20,023	20,289	266	1.33%	884	1,429	133	2,446			
51-2021	Coil Winders, Tapers, and Finishers	390	375	-15	-3.85%	18	25	-8	35	HS	None	MTOJT
51-2028	Electrical, Electronic, and Electromechanical Assemblers, Except Coil Winders, Tapers, and Finishers	2,363	2,441	78	3.30%	116	158	39	313	HS	None	MTOJT
51-2041	Structural Metal Fabricators and Fitters	1,215	1,220	5	0.41%	34	86	2	122	HS	None	MTOJT
51-2051	Fiberglass Laminators and Fabricators	374	392	18	4.81%	16	28	9	53	HS	None	MTOJT
51-2090	Miscellaneous Assemblers and Fabricators	15,092	15,273	181	1.20%	664	1,090	90	1,844	HS	None	MTOJT
51-3000	Food Processing Workers	13,927	14,240	313	2.25%	715	1,096	156	1,967			
51-3011	Bakers	791	826	35	4.42%	52	62	18	132	NFE	None	MTOJT
51-3021	Butchers and Meat Cutters	924	933	9	0.97%	45	72	4	121	NFE	None	LTOJT
51-3022	Meat, Poultry, and Fish Cutters and Trimmers	7,172	7,314	142	1.98%	349	561	71	981	NFE	None	STOJT
51-3023	Slaughterers and Meat Packers	1,382	1,395	13	0.94%	67	108	6	181	NFE	None	STOJT
51-3091	Food and Tobacco Roasting, Baking, and Drying Machine Operators and Tenders	42	43	1	2.38%	2	4	0	6	NFE	None	MTOJT
51-3092	Food Batchmakers	2,098	2,188	90	4.29%	126	168	45	339	HS	None	MTOJT
51-3093	Food Cooking Machine Operators and Tenders	355	361	6	1.69%	24	42	3	69	HS	None	MTOJT
51-3099	Food Processing Workers, All Other	1,163	1,180	17	1.46%	50	79	8	137	NFE	None	MTOJT
51-4000	Metal Workers and Plastic Workers	20,666	21,337	671	3.25%	762	1,492	336	2,590			
51-4021	Extruding and Drawing Machine Setters, Operators, and Tenders, Metal and Plastic	1,299	1,351	52	4.00%	56	88	26	170	HS	None	MTOJT
51-4022	Forging Machine Setters, Operators, and Tenders, Metal and Plastic	158	155	-3	-1.90%	6	10	-2	14	HS	None	MTOJT
51-4023	Rolling Machine Setters, Operators, and Tenders, Metal and Plastic	869	912	43	4.95%	38	58	22	118	HS	None	MTOJT

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Standard Occupational Classification		Employment		Change		Annual Separations		Annual Openings		Recommended Education/Training		
Code	Title	2022 Estimated	2024 Projected	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	2,502	2,559	57	2.28%	93	172	28	293	HS	None	MTOJT
51-4033	Grinding, Lapping, Polishing, and Buffing Machine Tool Setters, Operators, and Tenders, Metal and Plastic	370	373	3	0.81%	19	28	2	49	HS	None	MTOJT
51-4034	Lathe and Turning Machine Tool Setters, Operators, and Tenders, Metal and Plastic	118	125	7	5.93%	8	8	4	20	HS	None	MTOJT
51-4035	Milling and Planing Machine Setters, Operators, and Tenders, Metal and Plastic	164	165	1	0.61%	12	11	0	23	HS	None	MTOJT
51-4041	Machinists	2,524	2,628	104	4.12%	98	176	52	326	HS	None	LTOJT
51-4051	Metal-Refining Furnace Operators and Tenders	232	248	16	6.90%	6	19	8	33	HS	None	MTOJT
51-4052	Pourers and Casters, Metal	100	102	2	2.00%	2	8	1	11	HS	None	MTOJT
51-4071	Foundry Mold and Coremakers	90	88	-2	-2.22%	3	6	-1	8	HS	None	MTOJT
51-4072	Molding, Coremaking, and Casting Machine Setters, Operators, and Tenders, Metal and Plastic	2,433	2,485	52	2.14%	79	172	26	277	HS	None	MTOJT
51-4081	Multiple Machine Tool Setters, Operators, and Tenders, Metal and Plastic	2,020	2,117	97	4.80%	78	140	48	266	HS	None	MTOJT
51-4111	Tool and Die Makers	510	522	12	2.35%	25	32	6	63	PS	None	LTOJT
51-4121	Welders, Cutters, Solderers, and Brazers	5,919	6,140	221	3.73%	189	467	110	766	HS	None	MTOJT
51-4122	Welding, Soldering, and Brazing Machine Setters, Operators, and Tenders	579	574	-5	-0.86%	18	44	-2	60	HS	None	MTOJT
51-4191	Heat Treating Equipment Setters, Operators, and Tenders, Metal and Plastic	206	208	2	0.97%	8	14	1	23	HS	None	MTOJT
51-4193	Plating Machine Setters, Operators, and Tenders, Metal and Plastic	186	194	8	4.30%	7	13	4	24	HS	None	MTOJT
51-4194	Tool Grinders, Filers, and Sharpeners	196	196	0	0.00%	8	13	0	21	HS	None	MTOJT
51-4199	Metal Workers and Plastic Workers, All Other	160	161	1	0.63%	6	11	0	17	HS	None	MTOJT
51-5100	Printing Workers	2,239	2,219	-20	-0.89%	98	148	-10	236			
51-5111	Prepress Technicians and Workers	158	152	-6	-3.80%	8	12	-3	17	PS	None	None
51-5112	Printing Press Operators	1,703	1,695	-8	-0.47%	73	114	-4	183	HS	None	MTOJT

For training codes, refer to page 82.

2022-2024 Arkansas Statewide Occupational Projections

Standard Occupational Classification		Employment		Change		Annual Separations		Annual Openings		Recommended Education/Training		
Code	Title	2022 Estimated	2024 Projected	Numeric	Percent	Exits	Transfers	Change	Total	Education	Work Experience	Job Training
51-5113	Print Binding and Finishing Workers	378	372	-6	-1.59%	18	21	-3	36	HS	None	MTOJT
51-6000	Textile, Apparel, and Furnishings Workers	3,579	3,505	-74	-2.07%	250	220	-37	433			
51-6011	Laundry and Dry-Cleaning Workers	1,587	1,557	-30	-1.89%	120	103	-15	208	NFE	None	STOJT
51-6021	Pressers, Textile, Garment, and Related Materials	193	181	-12	-6.22%	12	10	-6	16	NFE	None	STOJT
51-6031	Sewing Machine Operators	882	908	26	2.95%	62	48	13	123	NFE	None	STOJT
51-6052	Tailors, Dressmakers, and Custom Sewers	93	93	0	0.00%	9	4	0	13	NFE	None	MTOJT
51-6062	Textile Cutting Machine Setters, Operators, and Tenders	100	93	-7	-7.00%	6	7	-4	9	HS	None	MTOJT
51-6093	Upholsterers	133	134	1	0.75%	6	8	0	14	HS	None	MTOJT
51-6099	Textile, Apparel, and Furnishings Workers, All Other	42	45	3	7.14%	2	2	2	6	HS	None	STOJT
51-7000	Woodworkers	5,392	5,561	169	3.13%	226	368	84	678			
51-7011	Cabinetmakers and Bench Carpenters	1,056	1,060	4	0.38%	46	66	2	114	HS	None	MTOJT
51-7021	Furniture Finishers	85	82	-3	-3.53%	6	6	-2	10	HS	None	STOJT
51-7041	Sawing Machine Setters, Operators, and Tenders, Wood	2,205	2,288	83	3.76%	98	161	42	301	HS	None	MTOJT
51-7042	Woodworking Machine Setters, Operators, and Tenders, Except Sawing	1,679	1,748	69	4.11%	59	111	34	204	HS	None	MTOJT
51-7099	Woodworkers, All Other	367	383	16	4.36%	16	24	8	48	HS	None	MTOJT
51-8000	Plant and System Operators	3,690	3,622	-68	-1.84%	124	242	-34	332			
51-8012	Power Distributors and Dispatchers	276	271	-5	-1.81%	8	18	-2	24	HS	None	LTOJT
51-8013	Power Plant Operators	198	190	-8	-4.04%	6	12	-4	14	HS	None	LTOJT
51-8031	Water and Wastewater Treatment Plant and System Operators	2,003	1,960	-43	-2.15%	73	118	-22	169	HS	None	LTOJT
51-8091	Chemical Plant and System Operators	233	234	1	0.43%	6	18	0	24	HS	None	MTOJT
51-8092	Gas Plant Operators	157	148	-9	-5.73%	4	12	-4	12	HS	None	LTOJT
51-8093	Petroleum Pump System Operators, Refinery Operators, and Gaugers	366	370	4	1.09%	10	29	2	41	HS	None	MTOJT
51-8099	Plant and System Operators, All Other	278	275	-3	-1.08%	8	22	-2	28	HS	None	MTOJT
51-9000	Other Production Occupations	35,846	36,424	578	1.61%	1,645	2,760	289	4,694			
51-9011	Chemical Equipment Operators and Tenders	1,048	1,052	4	0.38%	32	78	2	112	HS	None	MTOJT
51-9012	Separating, Filtering, Clarifying, Precipitating, and Still Machine Setters, Operators, and Tenders	548	569	21	3.83%	16	41	10	67	HS	None	MTOJT

2022-2024 Arkansas Statewide Occupational Projections

Standard Occupational Classification		Employment		Change		Annual Separations		Annual Openings		Recommended Education/Training		
Code	Title	2022 Estimated	2024 Projected	Numeric	Percent	Exits	Transfers	Change	Total	Education	Work Experience	Job Training
51-9021	Crushing, Grinding, and Polishing Machine Setters, Operators, and Tenders	690	713	23	3.33%	26	52	12	90	HS	None	MTOJT
51-9022	Grinding and Polishing Workers, Hand	129	130	1	0.78%	5	10	0	15	NFE	None	MTOJT
51-9023	Mixing and Blending Machine Setters, Operators, and Tenders	1,523	1,560	37	2.43%	57	114	18	189	HS	None	MTOJT
51-9031	Cutters and Trimmers, Hand	81	73	-8	-9.88%	4	6	-4	6	NFE	None	STOJT
51-9032	Cutting and Slicing Machine Setters, Operators, and Tenders	877	884	7	0.80%	48	65	4	117	HS	None	MTOJT
51-9041	Extruding, Forming, Pressing, and Compacting Machine Setters, Operators, and Tenders	587	607	20	3.41%	20	40	10	70	HS	None	MTOJT
51-9051	Furnace, Kiln, Oven, Drier, and Kettle Operators and Tenders	267	273	6	2.25%	12	18	3	33	HS	None	MTOJT
51-9061	Inspectors, Testers, Sorters, Samplers, and Weighers	6,026	6,154	128	2.12%	264	488	64	816	HS	None	MTOJT
51-9071	Jewelers and Precious Stone and Metal Workers	155	158	3	1.94%	10	10	2	22	HS	None	LTOJT
51-9081	Dental Laboratory Technicians	833	840	7	0.84%	44	67	4	115	HS	None	MTOJT
51-9082	Medical Appliance Technicians	90	93	3	3.33%	5	8	2	15	HS	None	MTOJT
51-9083	Ophthalmic Laboratory Technicians	68	70	2	2.94%	4	6	1	11	HS	None	MTOJT
51-9111	Packaging and Filling Machine Operators and Tenders	4,598	4,733	135	2.94%	216	317	68	601	HS	None	MTOJT
51-9123	Painting, Coating, and Decorating Workers	48	50	2	4.17%	2	4	1	7	NFE	None	MTOJT
51-9124	Coating, Painting, and Spraying Machine Setters, Operators, and Tenders	1,923	1,991	68	3.54%	59	136	34	229	HS	None	MTOJT
51-9161	Computer Numerically Controlled Tool Operators	1,424	1,416	-8	-0.56%	46	102	-4	144	HS	None	MTOJT
51-9162	Computer Numerically Controlled Tool Programmers	153	163	10	6.54%	5	12	5	22	PS	None	MTOJT
51-9191	Adhesive Bonding Machine Operators and Tenders	209	213	4	1.91%	12	14	2	28	HS	None	MTOJT
51-9192	Cleaning, Washing, and Metal Pickling Equipment Operators and Tenders	87	91	4	4.60%	4	6	2	12	HS	None	MTOJT
51-9193	Cooling and Freezing Equipment Operators and Tenders	665	692	27	4.06%	28	50	14	92	HS	None	MTOJT
51-9194	Etchers and Engravers	70	79	9	12.86%	4	4	4	12	HS	None	MTOJT

For training codes, refer to page 82.

2022-2024 Arkansas Statewide Occupational Projections

Standard Occupational Classification		Employment		Change		Annual Separations		Annual Openings		Recommended Education/Training		
Code	Title	2022 Estimated	2024 Projected	Numeric	Percent	Exits	Transfers	Change	Total	Education	Work Experience	Job Training
51-9195	Molders, Shapers, and Casters, Except Metal and Plastic	277	290	13	4.69%	12	19	6	37	HS	None	LTOJT
51-9196	Paper Goods Machine Setters, Operators, and Tenders	2,661	2,563	-98	-3.68%	138	182	-49	271	HS	None	MTOJT
51-9198	Helpers--Production Workers	6,419	6,450	31	0.48%	402	581	16	999	HS	None	STOJT
51-9199	Production Workers, All Other	3,856	3,960	104	2.70%	159	288	52	499	HS	None	MTOJT
53-0000	TRANSPORTATION AND MATERIAL MOVING OCCUPATIONS	149,288	153,805	4,517	3.03%	7,768	12,505	2,258	22,531			
53-1000	<i>Supervisors of Transportation and Material Moving Workers</i>	6,677	6,895	218	3.26%	244	557	109	910			
53-2000	<i>Air Transportation Workers</i>	934	971	37	3.96%	40	77	18	135			
53-2011	Airline Pilots, Copilots, and Flight Engineers	312	330	18	5.77%	14	26	9	49	BD	<5	MTOJT
53-2012	Commercial Pilots	462	477	15	3.25%	20	39	8	67	PS	None	MTOJT
53-2021	Air Traffic Controllers	117	119	2	1.71%	4	8	1	13	AD	None	LTOJT
53-3000	<i>Motor Vehicle Operators</i>	60,232	62,061	1,829	3.04%	3,218	4,176	914	8,308			
53-3031	Driver/Sales Workers	4,601	4,849	248	5.39%	220	334	124	678	HS	None	STOJT
53-3032	Heavy and Tractor-Trailer Truck Drivers	37,527	38,453	926	2.47%	1,766	2,688	463	4,917	PS	None	STOJT
53-3033	Light Truck Drivers	10,170	10,602	432	4.25%	482	734	216	1,432	HS	None	STOJT
53-3051	Bus Drivers, School	4,657	4,728	71	1.52%	500	232	36	768	HS	None	STOJT
53-3052	Bus Drivers, Transit and Intercity	518	517	-1	-0.19%	41	28	0	69	HS	None	MTOJT
53-3053	Shuttle Drivers and Chauffeurs	2,446	2,586	140	5.72%	186	142	70	398	NFE	None	STOJT
53-3054	Taxi Drivers	182	195	13	7.14%	10	10	6	26	NFE	None	STOJT
53-3099	Motor Vehicle Operators, All Other	131	131	0	0.00%	13	8	0	21	NFE	None	STOJT
53-5011	Sailors and Marine Oilers	38	32	-6	-15.79%	1	3	-3	1	NFE	None	MTOJT
53-6000	<i>Other Transportation Workers</i>	2,334	2,379	45	1.93%	123	231	22	376			
53-6021	Parking Attendants	300	307	7	2.33%	16	28	4	48	NFE	None	STOJT
53-6031	Automotive and Watercraft Service Attendants	1,677	1,715	38	2.27%	90	174	19	283	NFE	None	STOJT
53-6032	Aircraft Service Attendants	72	76	4	5.56%	4	8	2	14	HS	None	STOJT
53-6051	Transportation Inspectors	172	169	-3	-1.74%	6	12	-2	16	HS	None	MTOJT
53-7000	<i>Material Moving Workers</i>	76,982	79,538	2,556	3.32%	4,084	7,332	1,278	12,694			
53-7011	Conveyor Operators and Tenders	308	321	13	4.22%	15	26	6	47	NFE	None	STOJT
53-7021	Crane and Tower Operators	551	582	31	5.63%	16	44	16	76	HS	<5	MTOJT

2022-2024 Arkansas Statewide Occupational Projections

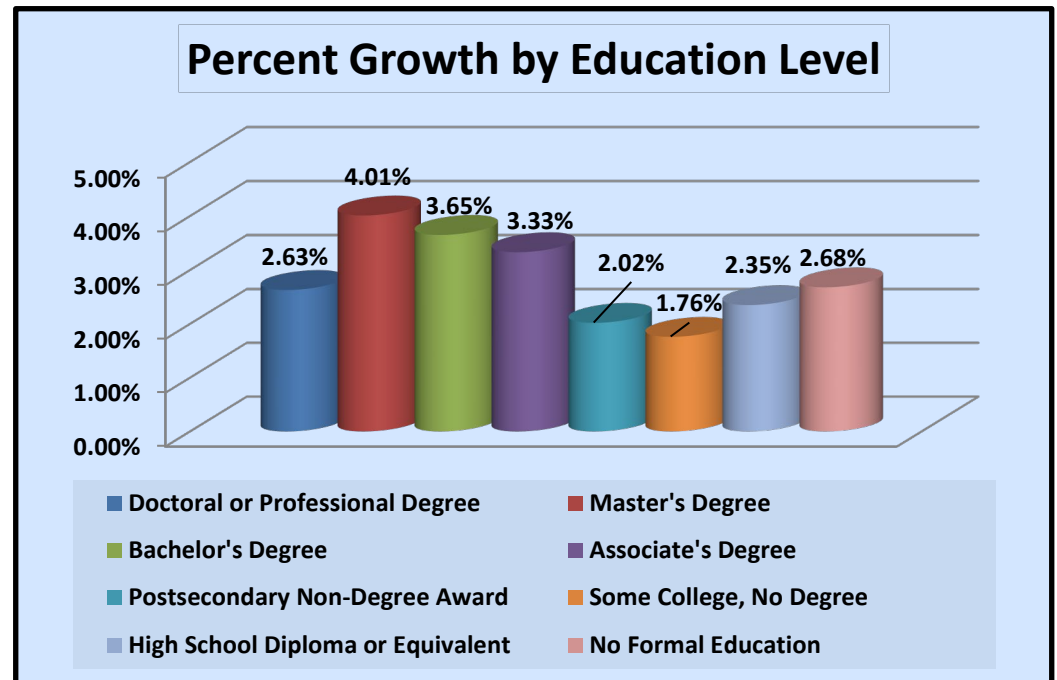
Standard Occupational Classification		Employment		Change		Annual Separations		Annual Openings		Recommended Education/Training		
Code	Title	2022 Estimated	2024 Projected	Numeric	Percent	Exits	Transfers	Change	Total	Education	Work Experience	Job Training
53-7051	Industrial Truck and Tractor Operators	11,246	11,645	399	3.55%	383	912	200	1,495	NFE	None	STOJT
53-7061	Cleaners of Vehicles and Equipment	4,617	4,717	100	2.17%	252	416	50	718	NFE	None	STOJT
53-7062	Laborers and Freight, Stock, and Material Movers, Hand	29,103	30,114	1,011	3.47%	1,435	2,714	506	4,655	NFE	None	STOJT
53-7063	Machine Feeders and Offbearers	1,101	1,126	25	2.27%	80	103	12	195	NFE	None	STOJT
53-7064	Packers and Packagers, Hand	5,738	5,827	89	1.55%	365	526	44	935	NFE	None	STOJT
53-7065	Stockers and Order Fillers	21,735	22,589	854	3.93%	1,420	2,355	427	4,202	HS	None	STOJT
53-7071	Gas Compressor and Gas Pumping Station Operators	121	117	-4	-3.31%	4	10	-2	12	HS	None	MTOJT
53-7073	Wellhead Pumpers	127	127	0	0.00%	4	11	0	15	HS	<5	MTOJT
53-7081	Refuse and Recyclable Material Collectors	1,990	2,021	31	1.56%	94	186	16	296	NFE	None	STOJT
53-7121	Tank Car, Truck, and Ship Loaders	133	136	3	2.26%	6	11	2	19	NFE	None	STOJT
53-7199	Material Moving Workers, All Other	142	146	4	2.82%	7	12	2	21	NFE	None	STOJT

2022-2024 Projections by Education Level

Educational Level	2022 Estimated Employment	2024 Projected Employment	Numeric Change	Percent Change	Annual Exits	Annual Transfers	Annual Change	Total Annual Openings
Doctoral or Professional Degree	27,879	28,612	733	2.63%	830	646	365	1,841
Master's Degree	21,306	22,161	855	4.01%	734	882	428	2,044
Bachelor's Degree	301,452	312,447	10,995	3.65%	9,550	15,354	5,499	30,403
Associate's Degree	27,224	28,131	907	3.33%	1,036	1,619	449	3,104
Postsecondary Non-Degree Award	107,688	109,865	2,177	2.02%	5,005	7,244	1,089	13,338
Some College, No Degree	28,650	29,154	504	1.76%	1,680	1,637	250	3,567
High School Diploma or Equivalent	613,020	627,418	14,398	2.35%	30,554	42,419	7,202	80,175
No Formal Educational Credential	316,344	324,833	8,489	2.68%	22,472	28,156	4,237	54,865

Education Outlook

Occupations requiring a high school diploma are estimated to increase by 14,398 jobs between first quarter 2022 and first quarter 2024. Occupations requiring a Bachelor's Degree are estimated to add 10,995 jobs. Job opportunities should be plenty for jobs not requiring a college education, with 135,040 annual job openings during the 2022-2024 projection period. At 4.01 percent, occupations requiring a Master's Degree are growing the fastest. Occupations requiring a college degree are forecast to add 13,490 jobs into the Arkansas job market and have a combined 37,392 annual openings.



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

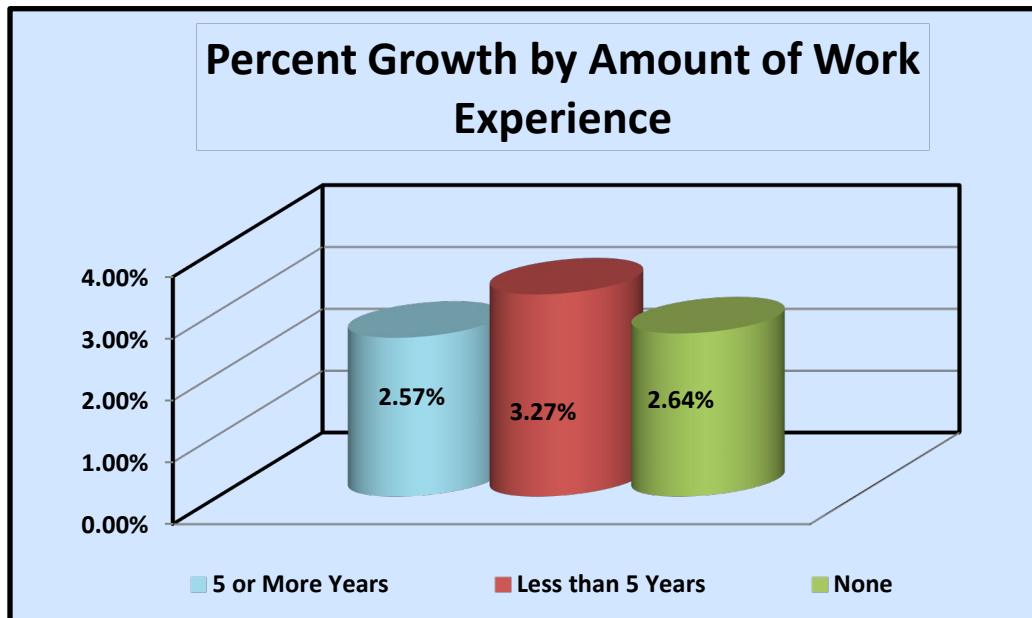
Standard Occupational Classification (SOC)		Employment		Change		Annual Separations		Annual Openings		Education/Training Assignments	
Code	Title	2022 Estimated	2024 Projected	Numeric	Percent	Exits	Transfers	Change	Total	Work Experience	Job Training
Doctoral or Professional Degree											
23-1011	Lawyers	3,320	3,434	114	3.43%	85	72	57	214	None	None
25-1042	Biological Science Teachers, Postsecondary	1,745	1,783	38	2.18%	80	67	19	166	None	None
29-1123	Physical Therapists	1,986	2,090	104	5.24%	50	40	52	142	None	None
Master's Degree											
29-1171	Nurse Practitioners	2,649	2,926	277	10.46%	64	80	138	282	None	None
11-9032	Education Administrators, Kindergarten through Secondary	2,486	2,539	53	2.13%	70	116	26	212	5 years or more	None
21-1012	Educational, Guidance, and Career Counselors and Advisors	2,135	2,193	58	2.72%	68	109	29	206	None	None
Bachelor's Degree											
11-1021	General and Operations Managers	29,660	30,969	1,309	4.41%	696	1,931	654	3,281	5 years or more	None
29-1141	Registered Nurses	26,595	26,981	386	1.45%	859	665	193	1,717	None	None
21-2011	Clergy	15,413	15,412	-1	-0.01%	647	788	0	1,435	None	Moderate-Term OJT
Associate's Degree											
25-2011	Preschool Teachers, Except Special Education	5,155	5,332	177	3.43%	242	320	88	650	None	None
23-2011	Paralegals and Legal Assistants	2,875	3,035	160	5.57%	123	196	80	399	None	None
31-2021	Physical Therapist Assistants	1,585	1,693	108	6.81%	78	151	54	283	None	None
Postsecondary Non-Degree Award/Some College, No Degree											
53-3032	Heavy and Tractor-Trailer Truck Drivers	37,527	38,453	926	2.47%	1,766	2,688	463	4,917	None	Short-Term OJT
31-1131	Nursing Assistants	17,342	17,217	-125	-0.72%	1,131	1,462	-62	2,531	None	None
43-3031	Bookkeeping, Accounting, and Auditing Clerks	12,840	13,033	193	1.50%	866	725	96	1,687	None	Moderate-term OJT
High School Diploma or Equivalent											
11-9013	Farmers, Ranchers, and Other Agricultural Managers	43,648	43,730	82	0.19%	3,049	1,548	41	4,638	5 years or more	None
53-7065	Stockers and Order Fillers	21,735	22,589	854	3.93%	1,420	2,355	427	4,202	None	Short-Term OJT
43-9061	Office Clerks, General	26,865	27,306	441	1.64%	1,708	1,704	220	3,632	None	Short-Term OJT
No Formal Educational Credential											
35-3023	Fast Food and Counter Workers	36,015	37,436	1,421	3.95%	3,982	3,957	710	8,649	None	Short-Term OJT
41-2011	Cashiers	30,515	31,033	518	1.70%	2,956	2,848	259	6,063	None	Short-Term OJT
41-2031	Retail Salespersons	34,308	35,401	1,093	3.19%	2,240	2,824	546	5,610	None	Short-Term OJT

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

2022-2024 Projections by Amount of Work Experience

Work Experience	2022 Estimated Employment	2024 Projected Employment	Numeric Change	Percent Change	Annual Exits	Annual Transfers	Annual Change	Total Annual Openings
5 years or more	108,393	111,174	2,781	2.57%	4,783	5,347	1,393	11,523
Less than 5 years	159,729	164,946	5,217	3.27%	6,413	10,504	2,610	19,527
None	1,175,441	1,206,501	31,060	2.64%	60,665	82,106	15,516	158,287

Work Experience Outlook

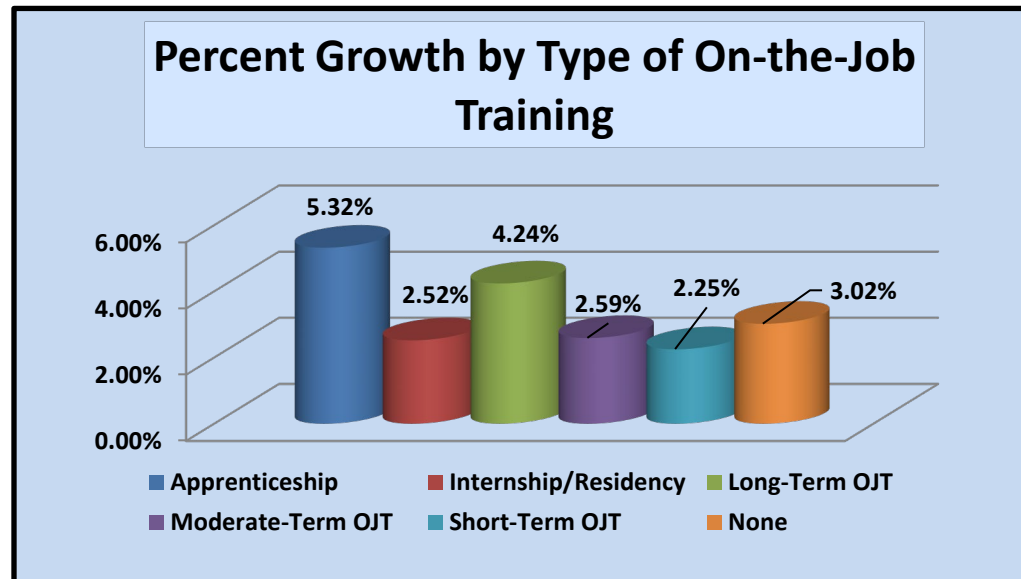


Another factor in determining full competency in an occupation is on-the-job training. Many occupations require additional training beyond formal education. Many jobs in education and in the medical field require internships or residency. Many skills-trade occupations recommend or require Apprenticeship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

2022-2024 Projections by Type of On-the-Job Training

Work Experience	2022 Estimated Employment	2024 Projected Employment	Numeric Change	Percent Change	Annual Exits	Annual Transfers	Annual Change	Total Annual Openings
Apprenticeship	18,051	19,011	960	5.32%	628	1,198	479	2,305
Internship/residency	14,427	14,791	364	2.52%	401	364	181	946
Long-term on-the-job training	50,801	52,957	2,156	4.24%	1,815	3,002	1,075	5,892
Moderate-term on-the-job training	279,322	286,569	7,247	2.59%	11,711	18,446	3,624	33,781
Short-term on-the-job training	556,614	569,120	12,506	2.25%	36,518	46,551	6,248	89,317
None	524,348	540,173	15,825	3.02%	20,788	28,396	7,912	57,096

Training Outlook



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

2022-2024 Projections by Education Training Path

Education	Work Experience	Job Training	2022 Estimated Employment	2024 Projected Employment	Numeric Growth	Percent Growth	Annual Exits	Annual Transfers	Annual Change	Total Annual Openings
Doctoral or Professional Degree	5 Years or More	Short-Term OJT	442	439	-3	-0.68%	12	9	-1	20
Doctoral or Professional Degree	Less than 5 Years	None	1,872	1,968	96	5.13%	87	72	47	206
Doctoral or Professional Degree	None	Internship/Residency	7,380	7,493	113	1.53%	147	81	55	283
Doctoral or Professional Degree	None	None	18,185	18,712	527	2.90%	584	484	264	1,332
Master's Degree	5 Years or More	None	3,720	3,796	76	2.04%	131	168	38	337
Master's Degree	Less than 5 Years	None	1,269	1,306	37	2.92%	36	60	18	114
Master's Degree	None	Internship/Residency	4,848	5,019	171	3.53%	180	201	86	467
Master's Degree	None	None	11,469	12,040	571	4.98%	387	453	286	1,126
Bachelor's Degree	5 Years or More	None	51,738	54,155	2,417	4.67%	1,274	3,066	1,209	5,549
Bachelor's Degree	Less than 5 Years	Moderate-Term OJT	3,561	3,694	133	3.73%	97	198	67	362
Bachelor's Degree	Less than 5 Years	None	44,483	46,238	1,755	3.95%	1,414	2,337	877	4,628
Bachelor's Degree	Less than 5 Years	Short-Term OJT	174	179	5	2.87%	5	10	2	17
Bachelor's Degree	None	Internship/Residency	2,199	2,279	80	3.64%	74	82	40	196
Bachelor's Degree	None	Long-Term OJT	3,780	3,902	122	3.23%	137	172	60	369
Bachelor's Degree	None	Moderate-Term OJT	33,676	34,333	657	1.95%	1,221	1,860	328	3,409
Bachelor's Degree	None	None	160,825	166,663	5,838	3.63%	5,299	7,573	2,922	15,794

Education	Work Experience	Job Training	2022 Estimated Employment	2024 Projected Employment	Numeric Growth	Percent Growth	Annual Exits	Annual Transfers	Annual Change	Total Annual Openings
Bachelor's Degree	None	Short-Term OJT	1,016	1,004	-12	-1.18%	29	56	-6	79
Associate's Degree	Less than 5 Years	None	863	882	19	2.20%	28	33	10	71
Associate's Degree	None	Long-Term OJT	617	633	16	2.59%	34	52	7	93
Associate's Degree	None	Moderate-Term OJT	3,776	3,926	150	3.97%	101	288	75	464
Associate's Degree	None	None	21,583	22,311	728	3.37%	863	1,220	360	2,443
Associate's Degree	None	Short-Term OJT	385	379	-6	-1.56%	10	26	-3	33
Postsecondary Non-Degree Award	Less than 5 Years	Moderate-Term OJT	1,021	1,006	-15	-1.47%	32	44	-8	68
Postsecondary Non-Degree Award	Less than 5 Years	None	1,267	1,300	33	2.60%	30	49	17	96
Postsecondary Non-Degree Award	Less than 5 Years	Short-Term OJT	570	604	34	5.96%	22	28	17	67
Postsecondary Non-Degree Award	None	Long-Term OJT	6,926	7,208	282	4.07%	218	431	141	790
Postsecondary Non-Degree Award	None	Moderate-Term OJT	2,444	2,481	37	1.51%	93	187	19	299
Postsecondary Non-Degree Award	None	None	52,016	52,814	798	1.53%	2,633	3,441	398	6,472
Postsecondary Non-Degree Award	None	Short-Term OJT	43,420	44,428	1,008	2.32%	1,976	3,063	505	5,544
Some College, No Degree	None	Moderate-Term OJT	16,355	16,635	280	1.71%	950	915	140	2,005
Some College, No Degree	None	None	11,315	11,545	230	2.03%	691	652	114	1,457
Some College, No Degree	None	Short-Term OJT	959	953	-6	-0.63%	38	68	-4	102
High School Diploma or Equivalent	5 Years or More	Moderate-Term OJT	1,103	1,095	-8	-0.73%	70	63	-4	129
High School Diploma or Equivalent	5 Years or More	None	51,362	51,661	299	0.58%	3,295	2,040	151	5,486
High School Diploma or Equivalent	Less than 5 Years	Long-Term OJT	384	391	7	1.82%	13	25	4	42
High School Diploma or Equivalent	Less than 5 Years	Moderate-Term OJT	5,103	5,061	-42	-0.82%	147	282	-20	409

Education	Work Experience	Job Training	2022 Estimated Employment	2024 Projected Employment	Numeric Growth	Percent Growth	Annual Exits	Annual Transfers	Annual Change	Total Annual Openings
High School Diploma or Equivalent	Less than 5 Years	None	84,014	86,026	2,012	2.39%	3,556	6,038	1,007	10,601
High School Diploma or Equivalent	Less than 5 Years	Short-Term OJT	4,092	4,255	163	3.98%	150	354	82	586
High School Diploma or Equivalent	None	Apprenticeship	18,051	19,011	960	5.32%	628	1,198	479	2,305
High School Diploma or Equivalent	None	Long-Term OJT	36,686	38,372	1,686	4.60%	1,285	2,157	843	4,285
High School Diploma or Equivalent	None	Moderate-Term OJT	189,282	194,094	4,812	2.54%	7,699	12,771	2,407	22,877
High School Diploma or Equivalent	None	None	8,364	8,753	389	4.65%	480	710	194	1,384
High School Diploma or Equivalent	None	Short-Term OJT	214,575	218,695	4,120	1.92%	13,231	16,781	2,059	32,071
No Formal Educational Credential	Less than 5 Years	Moderate-Term OJT	11,013	11,994	981	8.91%	794	972	490	2,256
No Formal Educational Credential	None	Long-Term OJT	2,383	2,426	43	1.80%	127	163	20	310
No Formal Educational Credential	None	Moderate-Term OJT	11,964	12,226	262	2.19%	506	865	130	1,501
No Formal Educational Credential	None	Short-Term OJT	290,938	298,142	7,204	2.48%	21,043	26,154	3,597	50,794

Appendix: Definition of Education/Training Codes

Education Code	Type of Education	Definition
DD	Doctoral Degree	Requires at least three years of full-time academic study beyond a BD.
MD	Master's Degree	Requires one or two years of full-time academic study beyond a BD.
BD	Bachelor's Degree	Requires four to five years of full-time academic study beyond high school.
AD	Associate's Degree	Requires at least two years of full-time academic study beyond high school.
PS	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.
SC	Some College, No Degree	Signifies the completion of a HS program and one or more postsecondary courses that did not result in a degree or award.
HS	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.
NFE	No Formal Education Credential	This category signifies that a formal credential issued by an educational institution, such as a high school diploma or postsecondary certificate, is not typically needed for entry into the occupation.

Work Experience Code	Amount of Work Experience
5+	5 or More Years
<5	Less Than 5 Years
None	None

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

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