

Arkansas-Statewide

Short-Term Industry and Occupational Projections



2014-2016

ARKANSAS SHORT-TERM INDUSTRY AND OCCUPATIONAL PROJECTIONS 2014-2016



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State of Arkansas

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ARKANSAS SHORT-TERM INDUSTRY AND OCCUPATIONAL PROJECTIONS 2014-2016

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Definition of Important Terms

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

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

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

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

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

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

Generalized Work Activities – The types of tasks that are common to many jobs.

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

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

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

Net Growth – The difference between projected employment and base employment.

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

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

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

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

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

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

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

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

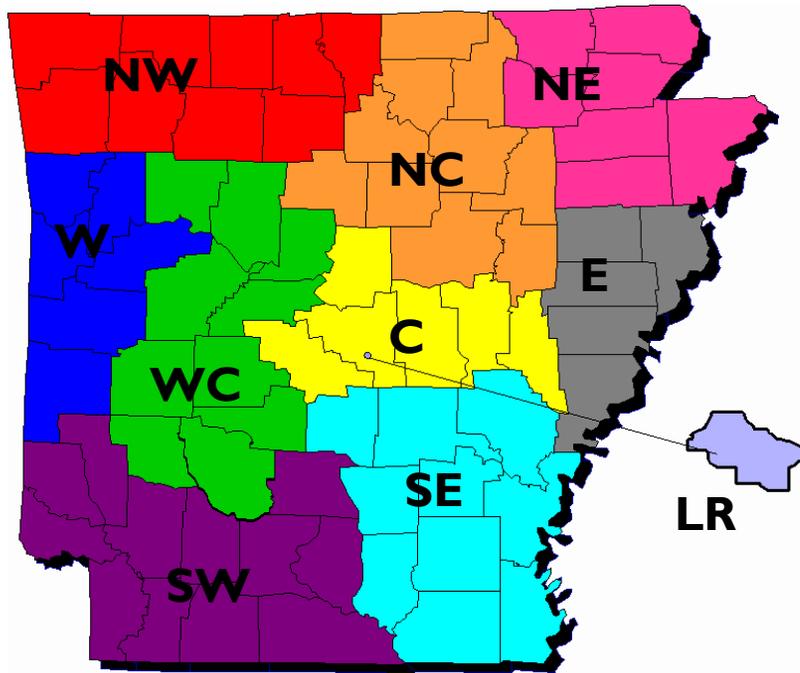
Subsector – A level of industry classification under sector according to the NAICS structure.

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

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Local Workforce Investment Areas



Northwest Arkansas Workforce Investment Area

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

North Central Arkansas Workforce Investment Area

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

Northeast Arkansas Workforce Investment Area

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

Western Arkansas Workforce Investment Area

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

West Central Arkansas Workforce Investment Area

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

Central Arkansas Workforce Investment Area

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

City of Little Rock Workforce Investment Area

Inside the City Limits of Little Rock

Eastern Arkansas Workforce Investment Area

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

Southwest Arkansas Workforce Investment Area

Calhoun, Columbia, Dallas, Hempstead, Howard, Lafayette, Little River, Miller, Nevada, Ouachita, Sevier, and Union Counties

Southeast Arkansas Workforce Investment Area

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

Introduction

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

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

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

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

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

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

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

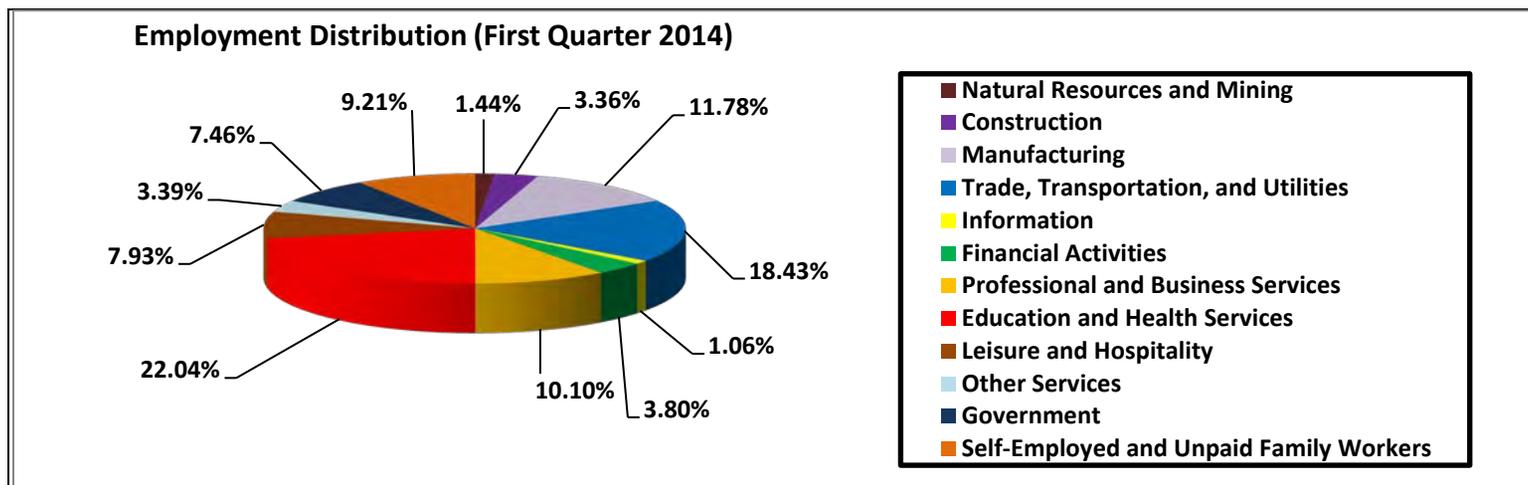
State of Arkansas Profile

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

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

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

Arkansas's population based on the United States Census Bureau estimates was 2,966,369, as of July 1, 2014, which is an increase of 7,604 residents from the July 1, 2013 estimate of 2,958,765. The non-seasonally adjusted average unemployment rate for first quarter 2014 was 7.6 percent, while the seasonally adjusted number was 7.1 percent.



Methodology

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

Data Development

Data development is accomplished by using three 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, church-related day care centers, elected officials, commissioned insurance agents, and sheltered workshops.

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.

Industry Projections

A monthly time series is developed at the three- and four-digit NAICS level from the three sources listed above with a time period of January 1990 to March of the base year 2014. The industry projections in this publication were produced using the *Projections Suite* software, authorized by the U.S. Department of Labor and developed by the Utah Department of Workforce Services. The software has several components to deal with industry projections. First, it allows the analyst to choose from a list of national and state variables to determine a state leading index, which is a list of variables that when factored together, helps predict changes in the state employment figures. National economic variables are also provided. State variables are labor force data, such as civilian labor force and unemployment rate, major industry division (CES) totals, nonfarm employment, building permits, manufacturing hours, natural gas prices, air passenger data, and a composite index.

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

Methodology

Occupational Projections

Occupational projections are produced by merging industries and occupations together into an industry-occupational matrix. This matrix is a table showing the occupational pattern of each industry (i.e., the ratios of employment by occupation in a specific industry). The statewide matrix is based on the Bureau of Labor Statistics' Occupational Employment Statistics (OES) survey and uses a Standard Occupational Classification (SOC) code for each occupation. It uses the May OES semiannual survey of the year that corresponds to the base year for the national projections matrix to establish state staffing patterns and is provided through the Estimates Delivery System (EDS). With SOC 2010 fully implemented, all occupations in this publication are of the 2010 structure.

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 and unpaid family workers staffing patterns, the system generates base and projected employment for self-employed and unpaid family workers.

Data Limitations

The projections contained in this publication are estimates based on historical data. It is important not to rely on these projections as the actual employment numbers that will occur in 2016. While every attempt is made to incorporate current and near future events, such as business closings, corporate layoffs, openings, and expansions, it's not possible to know everything that might happen. Events that may take place after the projection period or announcements concerning closings, layoffs, openings, and expansions known after projections were completed are not reflected in the forecasts. Also, legislative policy could cause employment to change. Events such as these will likely cause the actual employment numbers to vary significantly from these projections.

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

EXPLANATION OF INDUSTRY PROJECTIONS DATA

ARKANSAS-STATEWIDE

2014-2016

NAICS Code	NAICS Title	2014 Estimated Employment	2016 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 2014	The projected number of jobs expected to be in an industry in 2016	Total number of jobs an industry is expected to gain or lose over the 2014 to 2016 period	Percent change in the number of jobs in an industry over the 2014 to 2016 period

2014-2016 Arkansas Statewide Industry Projections by Major Division

NAICS Code	NAICS Title	2014 Estimated Employment	2016 Projected Employment	Net Growth	Percent Growth
00000	TOTAL ALL INDUSTRIES	1,297,772	1,327,185	29,413	2.27%
000671	Total Self Employed and Unpaid Family Workers, All Jobs	119,554	120,740	1,186	0.99%
006010	<i>Self Employed Workers, All Jobs</i>	118,663	119,853	1,190	1.00%
007010	<i>Unpaid Family Workers, All Jobs</i>	891	887	-4	-0.45%
101000	Goods Producing	215,253	218,375	3,122	1.45%
101100	NATURAL RESOURCES AND MINING	18,744	18,427	-317	-1.69%
110000	Agriculture, Forestry, Fishing and Hunting	11,905	12,091	186	1.56%
210000	Mining	6,839	6,336	-503	-7.35%
101200	CONSTRUCTION	43,642	44,620	978	2.24%
101300	MANUFACTURING	152,867	155,328	2,461	1.61%
	<i>Non-Durable Goods Manufacturing</i>	77,151	78,743	1,592	2.06%
	<i>Durable Goods Manufacturing</i>	75,716	76,585	869	1.15%
102000	Services Providing	962,965	988,070	25,105	2.61%
102100	TRADE, TRANSPORTATION, AND UTILITIES	239,233	244,783	5,550	2.32%
420000	Wholesale Trade	45,747	46,784	1,037	2.27%
440000	Retail Trade	133,051	137,154	4,103	3.08%
480000	Transportation and Warehousing	52,445	53,062	617	1.18%
220000	Utilities	7,990	7,783	-207	-2.59%
102200	INFORMATION	13,778	13,704	-74	-0.54%
102300	FINANCIAL ACTIVITIES	49,265	50,204	939	1.91%
520000	Finance and Insurance	36,540	37,034	494	1.35%
530000	Real Estate and Rental and Leasing	12,725	13,170	445	3.50%
102400	PROFESSIONAL AND BUSINESS SERVICES	131,120	138,918	7,798	5.95%
540000	Professional, Scientific, and Technical Services	41,309	43,310	2,001	4.84%
550000	Management of Companies and Enterprises	31,623	33,422	1,799	5.69%
560000	Administrative and Support and Waste Management and Remediation Services	58,188	62,186	3,998	6.87%
102500	EDUCATION AND HEALTH SERVICES	285,981	291,056	5,075	1.77%
610000	Educational Services	116,807	117,765	958	0.82%
620000	Health Care and Social Assistance	169,174	173,291	4,117	2.43%
102600	LEISURE AND HOSPITALITY	102,855	107,821	4,966	4.83%
710000	Arts, Entertainment, and Recreation	9,112	9,972	860	9.44%
720000	Accommodation and Food Services	93,743	97,849	4,106	4.38%
102700	OTHER SERVICES (EXCEPT GOVERNMENT)	43,955	44,192	237	0.54%
102800	GOVERNMENT	96,778	97,392	614	0.63%

Industry Outlook

Between first quarter 2013 and first quarter 2014, an increase of 1,988 jobs was seen in the Arkansas economy and just 691 jobs were added since the end of the recession, roughly around the second quarter 2009, indicating a slow economic recovery. The job market, however, has not reached prerecession employment levels, but could make significant progress with an increase of 29,413 jobs, equivalent to a 2.27 percent rise in employment by 2016. Goods-Producing Industries are estimated to see a net gain of 3,122 jobs, while the Services-Providing Industries are forecast to increase employment by 25,105. Arkansas's self-employed ranks are estimated to experience a net gain of 1,186, an increase of slightly less than one percent.

Natural Resources and Mining

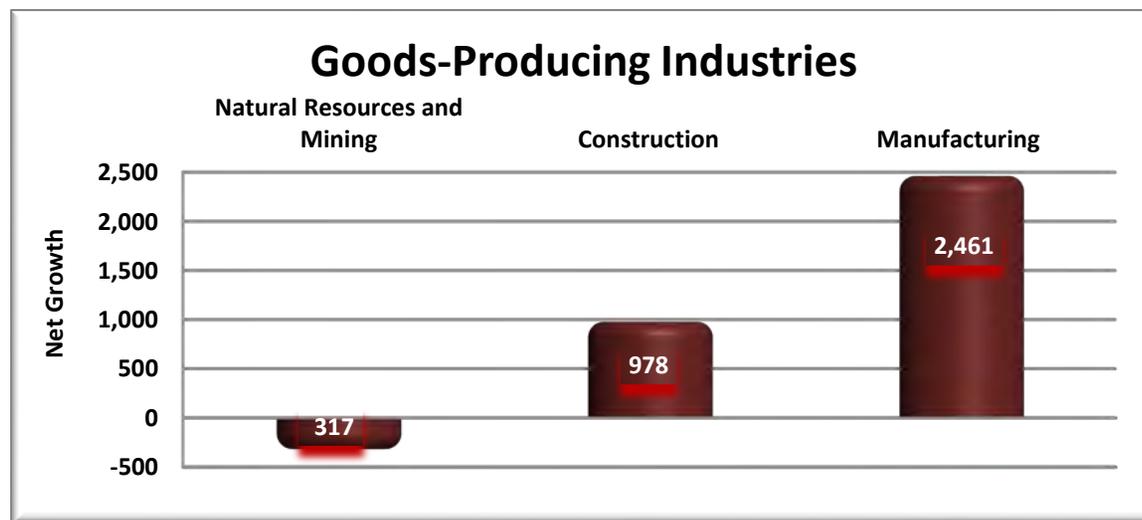
Employment in **Natural Resources and Mining** is expected to fall by 317 jobs, or 1.69 percent. The significant source of the decline is in the **Mining** sector, which is expected to lose 503 jobs, or 7.35 percent of its workforce. *Support Activities for Mining* could be the major contributor to the loss with 442 jobs projected to be cut, placing as the top declining industry in the state. This industry lost nearly 519 jobs between first quarter 2013 and first quarter 2014. The **Agriculture, Forestry, Fishing and Hunting** sector is projected to soften the loss some with a gain of 186 jobs. Both *Crop Production* and *Animal Production* are estimated to see small gains of 82 and 37 jobs, respectively.

Construction

Construction is expected to grow by 978 jobs between 2014 and 2016. Its growth of 2.24 percent is slightly less than the state's overall growth, but highest among Goods-Producing Industries. The *Construction of Buildings* subsector is estimated to gain 610 jobs during the projection period, while the *Specialty Trade Contractors* subsector is predicted to gain 532 jobs. Nonresidential Building Construction tops all industries in **Construction** with a growth of 381, placing in the Top 20 Growing industries list. Foundation, Structure, and Building Exterior Contractors is also expected to gain more than 300 jobs during the projection period. The *Heavy and Civil Engineering Construction* subsector is anticipated to be the low point in **Construction** with a loss of 164 jobs on the horizon. Utility System Construction could take the majority of the loss, losing 133 jobs through March 2016.

Non-Durable Goods Manufacturing

Non-Durable Goods Manufacturing is projected to experience a net gain of 1,592 jobs. *Food Manufacturing* is estimated to have the brightest outlook among the subsectors with a gain of 1,347 jobs, or about 84.6 percent of the growth in **Non-Durable Goods Manufacturing**. Animal Slaughtering and Processing could see a major turnaround in the next two years with an anticipated increase of 862, placing it among the top 10 on the Top 20 Growing Industries list. Three other industries in the *Food Manufacturing* subsector are estimated to add more than 125 jobs each with Bakeries and Tortilla Manufacturing adding 233. *Apparel Manufacturing* is also expected to gain jobs and be the fastest growing among the



subsectors in **Non-Durable Goods Manufacturing** with a gain of 9.79 percent. On the negative side of the job market, *Paper Manufacturing* could see a net loss of 38 jobs. Driving this loss is Pulp, Paper, and Paperboard Mills with a loss of 156 jobs, or 3.73 percent of its workforce. Seafood Product Preparation and Packaging could lose more than 32 percent of its workforce placing it as the second fastest declining industry in the state.

Durable Goods Manufacturing

A net gain of 869 jobs is estimated to occur in **Durable Goods Manufacturing**. The outlook for this part of the labor market is mixed with both gains and losses. The brightest outlook could come in *Machinery Manufacturing* with a gain of 625 jobs. Engine, Turbine, and Power Transmission Equipment Manufacturing is forecast to increase by 31.54 percent making it the fastest growing industry in the state. *Transportation Equipment Manufacturing* is predicted to add 492 new jobs between 2014 and 2016. On the flip side, the *Electrical Equipment, Appliance, and Component Manufacturing* subsector is expected to lose 420 jobs during the projection period. Electrical Equipment Manufacturing is likely to lead this decline with a loss of 328 jobs placing it third in the state in decline. Cutlery and Handtool Manufacturing and Foundries are both among the top 10 on the Top 20 Declining Industries list with anticipated losses of 321 and 310 jobs, respectively. Cutlery and Handtool Manufacturing is also predicted to be the fastest declining industry in the state with a 45.86 percent loss of its workforce.



Wholesale Trade

The **Wholesale Trade** sector is projected to have a net gain of 1,037 jobs. *Merchant Wholesalers, Durable Goods* is forecast to increase by 419 jobs, while *Merchant Wholesalers, Nondurable Goods* is estimated to experience a growth of 272. *Wholesale Electronic Markets and Agents and Brokers* is predicted to add 346 jobs to the Arkansas labor market. Petroleum and Petroleum Products Merchant Wholesalers is predicted to add 241 jobs to the labor market. On the negative side of the economy, Paper and Paper Product Merchant Wholesalers is estimated to lose 143 jobs, or 12.51 percent of its workforce.

Retail Trade

Retail Trade is projected to add 4,103 new jobs to the Arkansas labor market, almost 74 percent of the job growth in **Trade, Transportation, and Utilities**. *General Merchandise Stores* is projected to add the most jobs with 1,551 new jobs anticipated. *Miscellaneous Store Retailers* is predicted to add an additional 560 new jobs. Used Merchandise Stores is estimated to be the second fastest growing industry in Arkansas with a 22.37 percent increase in employment. Building Material and Supplies Dealers and Grocery Stores could see increases of 476 and 430 jobs, respectively. Clothing Stores is estimated to lose 158 jobs during the projection period, but several retail developments could swing this industry in the positive direction.

Transportation and Warehousing

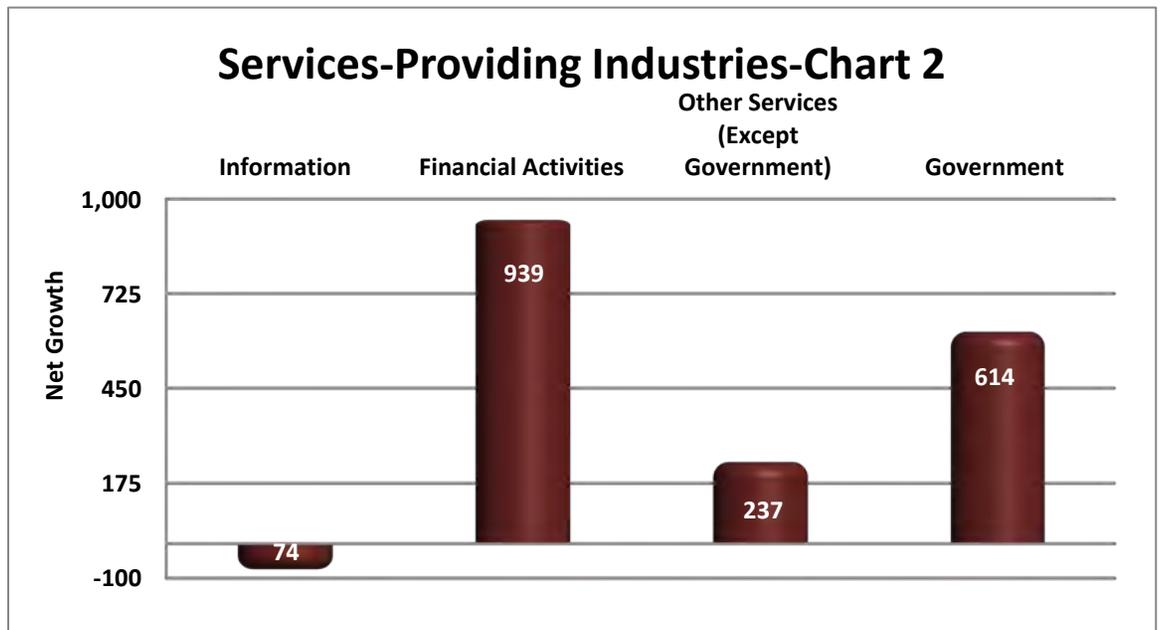
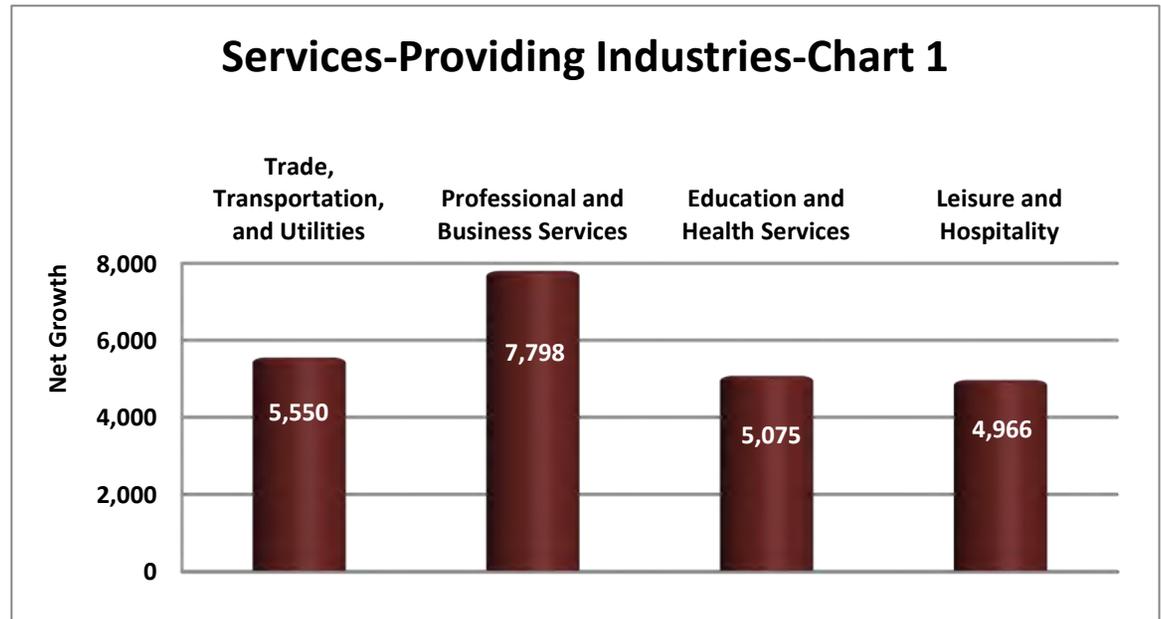
The **Transportation and Warehousing** sector is predicted to have a net gain of 617 jobs over the projection period. *Support Activities for Transportation* is projected to add 390 jobs between first quarter 2014 and first quarter 2016, while *Truck Transportation* is set to increase employment by 366. Leading all industries in **Transportation and Warehousing** is General Freight Trucking with a gain of 296. *Warehousing and Storage*, however, is estimated to lose 379 jobs, or more than five percent of its workforce.

Utilities

The **Utilities** sector could see a drop in employment by March 2016 with a loss of 207 jobs, or 2.59 percent of its workforce. Electric Power Generation, Transmission and Distribution is estimated to take the brunt of the loss with a decline of 231, or just over four percent of its workforce.

Information

The **Information** supersector is expected to experience a net loss of 74 jobs by the first quarter of 2016. *Publishing Industries (except Internet)* is expected to have the toughest outlook with 97 net job losses. Newspaper, Periodical, Book, and Directory Publishers is experiencing consolidations and cutbacks and is expected to contribute to the loss with 125 jobs. A few bright spots are anticipated, however. Wireless Telecommunications Carriers (except Satellite) is estimated to add 232 jobs during the projection period, while *Other Information Services* is estimated add 44. Both industries are anticipated to make the Top 20 Fastest Growing Industries list with growths of 12.87 and 11.49 percent, respectively.



Finance and Insurance

The **Finance and Insurance** sector is predicted to be the bright spot in the **Financial Activities** supersector adding 494 jobs between 2014 and 2016. *Insurance Carriers and Related Activities* could see a rise in employment over the next two years with 313 new jobs. Increasing requirements under the Affordable Care Act may play a role in this increase. *Credit Intermediation and Related Activities* is expected to see a net gain of 74 jobs, but the outlook is mixed with Depository Credit Intermediation losing 259 jobs. The industry has lost more than 12 percent of its workforce since the beginning of the last recession. However, Activities Related to Credit Intermediation and Nondepository Credit Intermediation are forecast to be on the Top 20 Fastest Growing Industries list in Arkansas with estimated increases of 12.97 and 11.69 percent, respectively. The other two subsectors in **Finance and Insurance** are estimated to add more than 100 jobs each. *Insurance Carriers* is projected to increase employment by 249.

Real Estate and Rental and Leasing

The **Real Estate and Rental and Leasing** sector is expected to see a net gain of 445 jobs during the projection period. The *Real Estate* subsector is predicted to account for 365 new jobs, or 82 percent of the job growth in the sector, while the *Rental and Leasing Services* subsector is predicted to add 92 jobs. General Rental Centers with an anticipated 13.04 percent growth could be among the 10 fastest growing industries in the state, while *Lessors of Nonfinancial Intangible Assets (except Copyrighted Works)* is forecast to be the third fastest declining industry losing 20.34 percent of its workforce.

Professional, Scientific, and Technical Services

The **Professional, Scientific, and Technical Services** sector is predicted to add 2,001 new jobs, an increase of 4.84 percent. Computer Systems Design and Related Services is estimated to lead the sector in growth with 806 new jobs placing it among the top 10 growing industries in the state. Management, Scientific, and Technical Consulting Services is forecasted to add 520 new jobs and is included on the Top 20 Growing Industries list. In all, six of the industries in the sector are expected to add at least 130 jobs between 2014 and 2016.

Management of Companies and Enterprises

Between first quarter 2013 and first quarter 2014, the **Management of Companies and Enterprises** sector experienced minimal growth with 192 new jobs. The industry is estimated to continue strong growth during the projection period with 1,799 new jobs.

Administrative and Support and Waste Management and Remediation Services

The **Administrative and Support and Waste Management and Remediation Services** sector is projected to account for 3,998 new jobs, a 6.87 percent increase during the projection period making it the second fastest growing industry sector in the state. The majority of the job growth is likely to come in the *Administrative and Support Services* subsector, which is estimated to add 3,734 new jobs. Two industries within this subsector are forecast to be among the top five growing industries in the state. Employment Services is expected to be second in the state in net growth with 2,296 new jobs, while Services to Buildings and Dwellings is likely to add 936 to its workforce, fifth best in the state. *Waste Management and Remediation Service* is predicted to have a gain of 264 jobs between 2014 and 2016. Business Support Services is estimated to lose 140 jobs during the projection period, but with new call centers coming online could swing the industry in the other direction.

Educational Services

The **Educational Services** sector is predicted to experience a net gain of 958 jobs during the projection period and be the slowest growing industry sector in the state. Colleges, Universities, and Professional Schools is estimated to add 842 jobs during the projection period, about 88 percent of the

sector's growth. Elementary and Secondary Schools, which has seen declines in recent years, could see a loss of 168 jobs. Educational Support Services is anticipated to increase employment by 19.52 percent placing it among the top five fastest growing industries in the state.

Health Care and Social Assistance

The **Health Care and Social Assistance** sector is projected to add 4,117 jobs, making it the top growing industry sector in the state and more than 80 percent of the growth in **Education and Health Services**. While *Ambulatory Health Care Services* subsector is estimated to add 2,273 jobs to the Arkansas labor market, *Hospitals* are experiencing a less favorable outlook during the projection period with a loss of 357. Offices of Physicians is estimated to add 870 new jobs placing it among the top 10 on the Top 20 Growing Industries list. The *Social Assistance* subsector is projected to have a net gain of 1,764 jobs. Individual and Family Services leads all industries in **Health Care and Social Assistance** with an anticipated growth of 1,348 jobs, making it fourth in net growth in Arkansas.

Arts, Entertainment, and Recreation

The **Arts, Entertainment, and Recreation** sector is projected to experience a net gain of 860 jobs. Its 9.44 percent growth rate would make the industry the fastest growing industry sector in the state. *Amusement, Gambling, and Recreation Industries* is projected to gain 438 jobs between 2014 and 2016, while *Performing Arts, Spectator Sports, and Related Industries* is predicted to gain 333 jobs. Spectator Sports is estimated to be the third fastest growing industry in the state due to increased gaming jobs.

Accommodation and Food Services

The **Accommodation and Food Services** sector will likely see most of the growth that is projected to occur in the **Leisure and Hospitality** supersector with an increase of 4,106 jobs. The *Food Services and Drinking Places* subsector will likely drive the growth with a net gain of 3,935 jobs. Restaurants and Other Eating Places is projected to be the top growing industry with a gain of 3,775 jobs. *Accommodation, including Hotels and Motels* could gain an additional 171 jobs during the projection period.

Other Services (Except Government)

The **Other Services (Except Government)** supersector is expected to experience a net gain of 237 jobs between 2014 and 2016. *Religious, Grantmaking, Civic, Professional, and Similar Organizations* is predicted to experience a net gain of 284 jobs, while *Repair and Maintenance* is projected to see a net gain of 132 jobs. Religious Organizations is the top growing industry in **Other Services (Except Government)** with an anticipated 538 new jobs. *Personal and Laundry Services* is estimated to lose 167 jobs by March 2016. Business, Professional, Labor, Political, and Similar Organizations is forecast to lose the most jobs in **Other Services (Except Government)** with 166 jobs being cut during the projection period.

Government

The **Government** supersector is projected to see a net gain of 614 jobs during the projection period. Local Government, Excluding Education and Hospitals is predicted to have the brightest outlook with 475 new jobs, while State Government, Excluding Education and Hospitals could add 464. Postal Service has lost 1,584 jobs since December 2006 and is expected to cut another 75 from its workforce. Federal Government, Excluding Post Office could also see a loss of employment losing 250 jobs during the projection period.

Top 20 Growing Industries by Net Growth

NAICS Code	NAICS Title	2014 Estimated Employment	2016 Projected Employment	Net Growth	Percent Growth
722500	Restaurants and Other Eating Places	79,465	83,240	3,775	4.75%
561300	Employment Services	23,535	25,831	2,296	9.76%
551000	Management of Companies and Enterprises	31,623	33,422	1,799	5.69%
624100	Individual and Family Services	22,334	23,682	1,348	6.04%
561700	Services to Buildings and Dwellings	13,374	14,310	936	7.00%
621100	Offices of Physicians	22,328	23,198	870	3.90%
311600	Animal Slaughtering and Processing	28,799	29,661	862	2.99%
611300	Colleges, Universities, and Professional Schools	26,312	27,154	842	3.20%
541500	Computer Systems Design and Related Services	9,341	10,147	806	8.63%
813100	Religious Organizations	19,859	20,397	538	2.71%
621300	Offices of Other Health Practitioners	7,427	7,956	529	7.12%
541600	Management, Scientific, and Technical Consulting Services	5,584	6,104	520	9.31%
561100	Office Administrative Services	3,851	4,349	498	12.93%
444100	Building Material and Supplies Dealers	9,215	9,691	476	5.17%
999300	Local Government, Excluding Education and Hospitals	39,402	39,877	475	1.21%
999200	State Government, Excluding Education and Hospitals	37,108	37,572	464	1.25%
445100	Grocery Stores	15,734	16,164	430	2.73%
453300	Used Merchandise Stores	1,730	2,117	387	22.37%
236200	Nonresidential Building Construction	6,549	6,930	381	5.82%
425000	Wholesale Electronic Markets and Agents and Brokers	9,920	10,266	346	3.49%

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

NAICS Code	NAICS Title	2014 Estimated Employment	2016 Projected Employment	Net Growth	Percent Growth
333600	Engine, Turbine, and Power Transmission Equipment Manufacturing	596	784	188	31.54%
453300	Used Merchandise Stores	1,730	2,117	387	22.37%
711200	Spectator Sports	1,574	1,884	310	19.70%
611700	Educational Support Services	625	747	122	19.52%
712000	Museums, Historical Sites, and Similar Institution	505	594	89	17.62%
562900	Remediation and Other Waste Management Services	1,073	1,248	175	16.31%
424700	Petroleum and Petroleum Products Merchant Wholesalers	1,787	2,028	241	13.49%
532300	General Rental Centers	230	260	30	13.04%
327900	Other Nonmetallic Mineral Product Manufacturing	669	756	87	13.00%
522300	Activities Related to Credit Intermediation	478	540	62	12.97%
561100	Office Administrative Services	3,851	4,349	498	12.93%
517200	Wireless Telecommunications Carriers (except Satellite)	1,803	2,035	232	12.87%
522200	Nondepository Credit Intermediation	2,318	2,589	271	11.69%
519000	Other Information Services	383	427	44	11.49%
488300	Support Activities for Water Transportation	675	751	76	11.26%
488400	Support Activities for Road Transportation	647	716	69	10.66%
325400	Pharmaceutical and Medicine Manufacturing	226	250	24	10.62%
325500	Paint, Coating, and Adhesive Manufacturing	273	301	28	10.26%
485900	Other Transit and Ground Passenger Transportation	521	573	52	9.98%
423600	Household Appliances & Electrical and Electronic Goods Merchant Wholesalers	1,832	2,012	180	9.83%

Top 20 Declining Industries by Net Growth

NAICS Code	NAICS Title	2014 Estimated Employment	2016 Projected Employment	Net Growth	Percent Growth
213000	Support Activities for Mining	3,629	3,187	-442	-12.18%
493000	Warehousing and Storage	7,007	6,628	-379	-5.41%
335300	Electrical Equipment Manufacturing	3,410	3,082	-328	-9.62%
622100	General Medical and Surgical Hospitals	47,376	47,052	-324	-0.68%
332200	Cutlery and Handtool Manufacturing	700	379	-321	-45.86%
331500	Foundries	2,738	2,428	-310	-11.32%
522100	Depository Credit Intermediation	16,420	16,161	-259	-1.58%
999100	Federal Government, Excluding Post Office	14,917	14,667	-250	-1.68%
221100	Electric Power Generation, Transmission and Distribution	5,727	5,496	-231	-4.03%
611100	Elementary and Secondary Schools	79,268	79,100	-168	-0.21%
813900	Business, Professional, Labor, Political, and Similar Organizations	2,574	2,408	-166	-6.45%
448100	Clothing Stores	6,308	6,150	-158	-2.50%
322100	Pulp, Paper, and Paperboard Mills	4,181	4,025	-156	-3.73%
517100	Wired Telecommunications Carriers	3,619	3,473	-146	-4.03%
443000	Electronics and Appliance Stores	3,644	3,499	-145	-3.98%
424100	Paper and Paper Product Merchant Wholesalers	1,143	1,000	-143	-12.51%
561400	Business Support Services	7,956	7,816	-140	-1.76%
237100	Utility System Construction	3,769	3,636	-133	-3.53%
238900	Other Specialty Trade Contractors	3,953	3,826	-127	-3.21%
511100	Newspaper, Periodical, Book, and Directory Publishers	3,187	3,062	-125	-3.92%

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

NAICS Code	NAICS Title	2014 Estimated Employment	2016 Projected Employment	Net Growth	Percent Growth
332200	Cutlery and Handtool Manufacturing	700	379	-321	-45.86%
311700	Seafood Product Preparation and Packaging	61	41	-20	-32.79%
533000	Lessors of Nonfinancial Intangible Assets (except Copyrighted Works)	59	47	-12	-20.34%
517900	Other Telecommunications	340	274	-66	-19.41%
334300	Audio and Video Equipment Manufacturing	204	165	-39	-19.12%
325300	Pesticide, Fertilizer, and Other Agricultural Chemical Manufacturing	345	300	-45	-13.04%
424100	Paper and Paper Product Merchant Wholesalers	1,143	1,000	-143	-12.51%
335200	Household Appliance Manufacturing	64	56	-8	-12.50%
213000	Support Activities for Mining	3,629	3,187	-442	-12.18%
454200	Vending Machine Operators	422	372	-50	-11.85%
331500	Foundries	2,738	2,428	-310	-11.32%
335100	Electric Lighting Equipment Manufacturing	395	351	-44	-11.14%
454300	Direct Selling Establishments	681	612	-69	-10.13%
237200	Land Subdivision	132	119	-13	-9.85%
335300	Electrical Equipment Manufacturing	3,410	3,082	-328	-9.62%
424200	Drugs and Druggists' Sundries Merchant Wholesalers	542	494	-48	-8.86%
541700	Scientific Research and Development Services	1,035	945	-90	-8.70%
237900	Other Heavy and Civil Engineering Construction	531	488	-43	-8.10%
311500	Dairy Product Manufacturing	520	482	-38	-7.31%
451200	Book, Periodical, and Music Stores	532	495	-37	-6.95%

2014-2016 Arkansas Statewide Industry Projections

NAICS Code	NAICS Title	2014 Estimated Employment	2016 Projected Employment	Net Growth	Percent Growth
000000	TOTAL ALL INDUSTRIES	1,297,772	1,327,185	29,413	2.27%
000671	Total Self Employed and Unpaid Family Workers, All Jobs	119,554	120,740	1,186	0.99%
006010	Self Employed Workers, All Jobs	118,663	119,853	1,190	1.00%
007010	Unpaid Family Workers, All Jobs	891	887	-4	-0.45%
101000	Goods Producing	215,253	218,375	3,122	1.45%
101100	NATURAL RESOURCES AND MINING	18,744	18,427	-317	-1.69%
110000	Agriculture, Forestry, Fishing and Hunting	11,905	12,091	186	1.56%
111000	Crop Production	3,921	4,003	82	2.09%
112000	Animal Production	2,926	2,963	37	1.26%
113000	Forestry and Logging	2,156	2,181	25	1.16%
113132	Forestry	198	203	5	2.53%
113300	Logging	1,958	1,978	20	1.02%
114000	Fishing, Hunting and Trapping	18	18	0	0.00%
115000	Support Activities for Agriculture and Forestry	2,884	2,926	42	1.46%
210000	Mining	6,839	6,336	-503	-7.35%
211000	Oil and Gas Extraction	1,540	1,498	-42	-2.73%
212000	Mining (except Oil and Gas)	1,670	1,651	-19	-1.14%
213000	Support Activities for Mining	3,629	3,187	-442	-12.18%
101200	CONSTRUCTION	43,642	44,620	978	2.24%
230000	Construction	43,642	44,620	978	2.24%
236000	Construction of Buildings	9,252	9,862	610	6.59%
236100	Residential Building Construction	2,703	2,932	229	8.47%
236200	Nonresidential Building Construction	6,549	6,930	381	5.82%
237000	Heavy and Civil Engineering Construction	7,039	6,875	-164	-2.33%
237100	Utility System Construction	3,769	3,636	-133	-3.53%
237200	Land Subdivision	132	119	-13	-9.85%
237300	Highway, Street, and Bridge Construction	2,607	2,632	25	0.96%
237900	Other Heavy and Civil Engineering Construction	531	488	-43	-8.10%
238000	Specialty Trade Contractors	27,351	27,883	532	1.95%
238100	Foundation, Structure, and Building Exterior Contractors	5,322	5,638	316	5.94%
238200	Building Equipment Contractors	14,680	14,958	278	1.89%
238300	Building Finishing Contractors	3,396	3,461	65	1.91%

2014-2016 Arkansas Statewide Industry Projections

NAICS Code	NAICS Title	2014 Estimated Employment	2016 Projected Employment	Net Growth	Percent Growth
238900	Other Specialty Trade Contractors	3,953	3,826	-127	-3.21%
101300	MANUFACTURING	152,867	155,328	2,461	1.61%
	Non-Durable Goods Manufacturing	77,151	78,743	1,592	2.06%
<i>311000</i>	<i>Food Manufacturing</i>	<i>42,757</i>	<i>44,104</i>	<i>1,347</i>	<i>3.15%</i>
311100	Animal Food Manufacturing	1,488	1,545	57	3.83%
311200	Grain and Oilseed Milling	2,405	2,376	-29	-1.21%
311300	Sugar and Confectionery Product Manufacturing	24	26	2	8.33%
311400	Fruit and Vegetable Preserving and Specialty Food Manufacturing	4,433	4,575	142	3.20%
311500	Dairy Product Manufacturing	520	482	-38	-7.31%
311600	Animal Slaughtering and Processing	28,799	29,661	862	2.99%
311700	Seafood Product Preparation and Packaging	61	41	-20	-32.79%
311800	Bakeries and Tortilla Manufacturing	3,239	3,472	233	7.19%
311900	Other Food Manufacturing	1,788	1,926	138	7.72%
<i>312000</i>	<i>Beverage and Tobacco Product Manufacturing</i>	<i>1,077</i>	<i>1,081</i>	<i>4</i>	<i>0.37%</i>
<i>313000</i>	<i>Textile Mills</i>	<i>65</i>	<i>59</i>	<i>-6</i>	<i>-9.23%</i>
<i>314000</i>	<i>Textile Product Mills</i>	<i>879</i>	<i>851</i>	<i>-28</i>	<i>-3.19%</i>
314100	Textile Furnishings Mills	32	28	-4	-12.50%
314900	Other Textile Product Mills	847	823	-24	-2.83%
<i>315000</i>	<i>Apparel Manufacturing</i>	<i>868</i>	<i>953</i>	<i>85</i>	<i>9.79%</i>
<i>316000</i>	<i>Leather and Allied Product Manufacturing</i>	<i>945</i>	<i>856</i>	<i>-89</i>	<i>-9.42%</i>
<i>322000</i>	<i>Paper Manufacturing</i>	<i>9,967</i>	<i>9,929</i>	<i>-38</i>	<i>-0.38%</i>
322100	Pulp, Paper, and Paperboard Mills	4,181	4,025	-156	-3.73%
322200	Converted Paper Product Manufacturing	5,786	5,904	118	2.04%
<i>323000</i>	<i>Printing and Related Support Activities</i>	<i>3,953</i>	<i>4,064</i>	<i>111</i>	<i>2.81%</i>
<i>324000</i>	<i>Petroleum and Coal Products Manufacturing</i>	<i>1,079</i>	<i>1,117</i>	<i>38</i>	<i>3.52%</i>
<i>325000</i>	<i>Chemical Manufacturing</i>	<i>5,042</i>	<i>5,152</i>	<i>110</i>	<i>2.18%</i>
325100	Basic Chemical Manufacturing	1,772	1,745	-27	-1.52%
325200	Resin, Synthetic Rubber, and Artificial Synthetic Fibers and Filaments Manufacturing	294	313	19	6.46%
325300	Pesticide, Fertilizer, and Other Agricultural Chemical Manufacturing	345	300	-45	-13.04%
325400	Pharmaceutical and Medicine Manufacturing	226	250	24	10.62%
325500	Paint, Coating, and Adhesive Manufacturing	273	301	28	10.26%
325600	Soap, Cleaning Compound, and Toilet Preparation Manufacturing	1,222	1,257	35	2.86%
325900	Other Chemical Product and Preparation Manufacturing	910	986	76	8.35%
<i>326000</i>	<i>Plastics and Rubber Products Manufacturing</i>	<i>10,519</i>	<i>10,577</i>	<i>58</i>	<i>0.55%</i>
326100	Plastics Product Manufacturing	6,369	6,412	43	0.68%

2014-2016 Arkansas Statewide Industry Projections

NAICS Code	NAICS Title	2014 Estimated Employment	2016 Projected Employment	Net Growth	Percent Growth
326200	Rubber Product Manufacturing	4,150	4,165	15	0.36%
	Durable Goods Manufacturing	75,716	76,585	869	1.15%
321000	<i>Wood Product Manufacturing</i>	8,988	9,298	310	3.45%
321100	Sawmills and Wood Preservation	4,282	4,412	130	3.04%
321200	Veneer, Plywood, and Engineered Wood Product Manufacturing	1,896	1,927	31	1.64%
321900	Other Wood Product Manufacturing	2,810	2,959	149	5.30%
327000	<i>Nonmetallic Mineral Product Manufacturing</i>	3,602	3,862	260	7.22%
327100	Clay Product and Refractory Manufacturing	393	425	32	8.14%
327200	Glass and Glass Product Manufacturing	369	383	14	3.79%
327300	Cement and Concrete Product Manufacturing	1,938	2,074	136	7.02%
327400	Lime and Gypsum Product Manufacturing	233	224	-9	-3.86%
327900	Other Nonmetallic Mineral Product Manufacturing	669	756	87	13.00%
331000	<i>Primary Metal Manufacturing</i>	9,973	9,592	-381	-3.82%
331100	Iron and Steel Mills and Ferroalloy Manufacturing	2,359	2,426	67	2.84%
331200	Steel Product Manufacturing from Purchased Steel	3,042	2,969	-73	-2.40%
331300	Alumina and Aluminum Production	1,236	1,211	-25	-2.02%
331400	Nonferrous Metal (except Aluminum) Production and Processing	598	558	-40	-6.69%
331500	Foundries	2,738	2,428	-310	-11.32%
332000	<i>Fabricated Metal Product Manufacturing</i>	14,625	14,647	22	0.15%
332100	Forging and Stamping	301	286	-15	-4.98%
332200	Cutlery and Handtool Manufacturing	700	379	-321	-45.86%
332300	Architectural and Structural Metals Manufacturing	3,829	3,906	77	2.01%
332400	Boiler, Tank, and Shipping Container Manufacturing	762	830	68	8.92%
332500	Hardware Manufacturing	263	246	-17	-6.46%
332600	Spring and Wire Product Manufacturing	393	384	-9	-2.29%
332700	Machine Shops; Turned Product; and Screw, Nut, and Bolt Manufacturing	1,904	2,033	129	6.78%
332800	Coating, Engraving, Heat Treating, and Allied Activities	697	726	29	4.16%
332900	Other Fabricated Metal Product Manufacturing	5,776	5,857	81	1.40%
333000	<i>Machinery Manufacturing</i>	11,132	11,757	625	5.61%
333100	Agriculture, Construction, and Mining Machinery Manufacturing	2,943	3,108	165	5.61%
333200	Industrial Machinery Manufacturing	728	775	47	6.46%
333300	Commercial and Service Industry Machinery Manufacturing	762	737	-25	-3.28%
333400	Ventilation, Heating, Air-Conditioning, and Commercial Refrigeration Equipment Manufacturing	3,018	3,142	124	4.11%
333500	Metalworking Machinery Manufacturing	1,109	1,158	49	4.42%
333600	Engine, Turbine, and Power Transmission Equipment Manufacturing	596	784	188	31.54%

2014-2016 Arkansas Statewide Industry Projections

NAICS Code	NAICS Title	2014 Estimated Employment	2016 Projected Employment	Net Growth	Percent Growth
333900	Other General Purpose Machinery Manufacturing	1,976	2,053	77	3.90%
334000	<i>Computer and Electronic Product Manufacturing</i>	2,499	2,482	-17	-0.68%
334300	Audio and Video Equipment Manufacturing	204	165	-39	-19.12%
334400	Semiconductor and Other Electronic Component Manufacturing	1,630	1,652	22	1.35%
334500	Navigational, Measuring, Electromedical, and Control Instruments Manufacturing	514	509	-5	-0.97%
	Other	151	156	5	3.31%
335000	<i>Electrical Equipment, Appliance, and Component Manufacturing</i>	5,467	5,047	-420	-7.68%
335100	Electric Lighting Equipment Manufacturing	395	351	-44	-11.14%
335200	Household Appliance Manufacturing	64	56	-8	-12.50%
335300	Electrical Equipment Manufacturing	3,410	3,082	-328	-9.62%
335900	Other Electrical Equipment and Component Manufacturing	1,598	1,558	-40	-2.50%
336000	<i>Transportation Equipment Manufacturing</i>	12,706	13,198	492	3.87%
336200	Motor Vehicle Body and Trailer Manufacturing	1,724	1,807	83	4.81%
336300	Motor Vehicle Parts Manufacturing	4,470	4,543	73	1.63%
336400	Aerospace Product and Parts Manufacturing	3,281	3,230	-51	-1.55%
336600	Ship and Boat Building	1,609	1,738	129	8.02%
	Other	1,622	1,880	258	15.91%
337000	<i>Furniture and Related Product Manufacturing</i>	3,392	3,369	-23	-0.68%
337100	Household and Institutional Furniture & Kitchen Cabinet Manufacturing	2,380	2,322	-58	-2.44%
337200	Office Furniture (including Fixtures) Manufacturing	918	956	38	4.14%
337900	Other Furniture Related Product Manufacturing	94	91	-3	-3.19%
339000	<i>Miscellaneous Manufacturing</i>	3,332	3,333	1	0.03%
339100	Medical Equipment and Supplies Manufacturing	1,597	1,615	18	1.13%
339900	Other Miscellaneous Manufacturing	1,735	1,718	-17	-0.98%
102000	Services Providing	962,965	988,070	25,105	2.61%
102100	TRADE, TRANSPORTATION, AND UTILITIES	239,233	244,783	5,550	2.32%
420000	<i>Wholesale Trade</i>	45,747	46,784	1,037	2.27%
423000	<i>Merchant Wholesalers, Durable Goods</i>	20,572	20,991	419	2.04%
423100	Motor Vehicle and Motor Vehicle Parts and Supplies Merchant Wholesalers	2,633	2,707	74	2.81%
423200	Furniture and Home Furnishing Merchant Wholesalers	432	413	-19	-4.40%
423300	Lumber and Other Construction Materials Merchant Wholesalers	1,332	1,358	26	1.95%
423400	Professional and Commercial Equipment and Supplies Merchant Wholesalers	2,636	2,557	-79	-3.00%
423500	Metal and Mineral (except Petroleum) Merchant Wholesalers	907	918	11	1.21%
423600	Household Appliances & Electrical and Electronic Goods Merchant Wholesalers	1,832	2,012	180	9.83%
423700	Hardware, and Plumbing and Heating Equipment and Supplies Merchant Wholesalers	2,177	2,234	57	2.62%

2014-2016 Arkansas Statewide Industry Projections

NAICS Code	NAICS Title	2014 Estimated Employment	2016 Projected Employment	Net Growth	Percent Growth
423800	Machinery, Equipment, and Supplies Merchant Wholesalers	6,596	6,718	122	1.85%
423900	Miscellaneous Durable Goods Merchant Wholesalers	2,027	2,074	47	2.32%
<i>424000</i>	<i>Merchant Wholesalers, Nondurable Goods</i>	<i>15,255</i>	<i>15,527</i>	<i>272</i>	<i>1.78%</i>
424100	Paper and Paper Product Merchant Wholesalers	1,143	1,000	-143	-12.51%
424200	Drugs and Druggists' Sundries Merchant Wholesalers	542	494	-48	-8.86%
424300	Apparel, Piece Goods, and Notions Merchant Wholesalers	633	695	62	9.79%
424400	Grocery and Related Product Wholesalers	4,581	4,493	-88	-1.92%
424500	Farm Product Raw Material Merchant Wholesalers	861	847	-14	-1.63%
424600	Chemical and Allied Products Merchant Wholesalers	638	639	1	0.16%
424700	Petroleum and Petroleum Products Merchant Wholesalers	1,787	2,028	241	13.49%
424800	Beer, Wine, and Distilled Alcoholic Beverage Merchant Wholesalers	1,446	1,515	69	4.77%
424900	Miscellaneous Nondurable Goods Merchant Wholesalers	3,624	3,816	192	5.30%
<i>425000</i>	<i>Wholesale Electronic Markets and Agents and Brokers</i>	<i>9,920</i>	<i>10,266</i>	<i>346</i>	<i>3.49%</i>
440000	Retail Trade	133,051	137,154	4,103	3.08%
<i>441000</i>	<i>Motor Vehicle and Parts Dealers</i>	<i>17,941</i>	<i>18,323</i>	<i>382</i>	<i>2.13%</i>
441100	Automobile Dealers	10,880	11,101	221	2.03%
441200	Other Motor Vehicle Dealers	1,413	1,540	127	8.99%
441300	Automotive Parts, Accessories, and Tire Stores	5,648	5,682	34	0.60%
<i>442000</i>	<i>Furniture and Home Furnishings Stores</i>	<i>3,398</i>	<i>3,529</i>	<i>131</i>	<i>3.86%</i>
442100	Furniture Stores	1,927	2,005	78	4.05%
442200	Home Furnishings Stores	1,471	1,524	53	3.60%
<i>443000</i>	<i>Electronics and Appliance Stores</i>	<i>3,644</i>	<i>3,499</i>	<i>-145</i>	<i>-3.98%</i>
<i>444000</i>	<i>Building Material and Garden Equipment and Supplies Dealers</i>	<i>10,482</i>	<i>11,017</i>	<i>535</i>	<i>5.10%</i>
444100	Building Material and Supplies Dealers	9,215	9,691	476	5.17%
444200	Lawn and Garden Equipment and Supplies Stores	1,267	1,326	59	4.66%
<i>445000</i>	<i>Food and Beverage Stores</i>	<i>18,095</i>	<i>18,599</i>	<i>504</i>	<i>2.79%</i>
445100	Grocery Stores	15,734	16,164	430	2.73%
445200	Specialty Food Stores	731	738	7	0.96%
445300	Beer, Wine, and Liquor Stores	1,630	1,697	67	4.11%
<i>446000</i>	<i>Health and Personal Care Stores</i>	<i>7,854</i>	<i>8,116</i>	<i>262</i>	<i>3.34%</i>
<i>447000</i>	<i>Gasoline Stations</i>	<i>11,931</i>	<i>12,255</i>	<i>324</i>	<i>2.72%</i>
<i>448000</i>	<i>Clothing and Clothing Accessories Stores</i>	<i>8,217</i>	<i>8,037</i>	<i>-180</i>	<i>-2.19%</i>
448100	Clothing Stores	6,308	6,150	-158	-2.50%
448200	Shoe Stores	1,126	1,081	-45	-4.00%
448300	Jewelry, Luggage, and Leather Goods Stores	783	806	23	2.94%
<i>451000</i>	<i>Sporting Goods, Hobby, Book, and Music Stores</i>	<i>4,621</i>	<i>4,870</i>	<i>249</i>	<i>5.39%</i>

2014-2016 Arkansas Statewide Industry Projections

NAICS Code	NAICS Title	2014 Estimated Employment	2016 Projected Employment	Net Growth	Percent Growth
451100	Sporting Goods, Hobby, and Musical Instrument Stores	4,089	4,375	286	6.99%
451200	Book, Periodical, and Music Stores	532	495	-37	-6.95%
452000	General Merchandise Stores	38,048	39,599	1,551	4.08%
453000	Miscellaneous Store Retailers	7,033	7,593	560	7.96%
453100	Florists	736	732	-4	-0.54%
453200	Office Supplies, Stationery, and Gift Stores	2,044	2,109	65	3.18%
453300	Used Merchandise Stores	1,730	2,117	387	22.37%
453900	Other Miscellaneous Store Retailers	2,523	2,635	112	4.44%
454000	Nonstore Retailers	1,787	1,717	-70	-3.92%
454100	Electronic Shopping and Mail Order Houses	684	733	49	7.16%
454200	Vending Machine Operators	422	372	-50	-11.85%
454300	Direct Selling Establishments	681	612	-69	-10.13%
480000	Transportation and Warehousing	52,445	53,062	617	1.18%
481000	Air Transportation	615	616	1	0.16%
484000	Truck Transportation	31,562	31,928	366	1.16%
484100	General Freight Trucking	25,349	25,645	296	1.17%
484200	Specialized Freight Trucking	6,213	6,283	70	1.13%
485000	Transit and Ground Passenger Transportation	1,550	1,612	62	4.00%
485300	Taxi and Limousine Service	408	439	31	7.60%
485400	School and Employee Bus Transportation	458	432	-26	-5.68%
485500	Charter Bus Industry	93	96	3	3.23%
485900	Other Transit and Ground Passenger Transportation	521	573	52	9.98%
	Other	70	72	2	2.86%
486000	Pipeline Transportation	479	511	32	6.68%
488000	Support Activities for Transportation	4,592	4,982	390	8.49%
488100	Support Activities for Air Transportation	1,189	1,296	107	9.00%
488200	Support Activities for Rail Transportation	355	355	0	0.00%
488300	Support Activities for Water Transportation	675	751	76	11.26%
488400	Support Activities for Road Transportation	647	716	69	10.66%
488500	Freight Transportation Arrangement	1,644	1,778	134	8.15%
488900	Other Support Activities for Transportation	82	86	4	4.88%
493000	Warehousing and Storage	7,007	6,628	-379	-5.41%
	OTHER	6,640	6,785	145	2.18%
220000	Utilities	7,990	7,783	-207	-2.59%
221100	Electric Power Generation, Transmission and Distribution	5,727	5,496	-231	-4.03%
221200	Natural Gas Distribution	1,351	1,351	0	0.00%

2014-2016 Arkansas Statewide Industry Projections

NAICS Code	NAICS Title	2014 Estimated Employment	2016 Projected Employment	Net Growth	Percent Growth
221300	Water, Sewage and Other Systems	912	936	24	2.63%
102200	INFORMATION	13,778	13,704	-74	-0.54%
<i>511000</i>	<i>Publishing Industries (except Internet)</i>	<i>3,523</i>	<i>3,426</i>	<i>-97</i>	<i>-2.75%</i>
511100	Newspaper, Periodical, Book, and Directory Publishers	3,187	3,062	-125	-3.92%
511200	Software Publishers	336	364	28	8.33%
<i>512000</i>	<i>Motion Picture and Sound Recording Industries</i>	<i>1,045</i>	<i>1,007</i>	<i>-38</i>	<i>-3.64%</i>
512100	Motion Picture and Video Industries	1,015	974	-41	-4.04%
512200	Sound Recording Industries	30	33	3	10.00%
<i>515000</i>	<i>Broadcasting (except Internet)</i>	<i>1,667</i>	<i>1,639</i>	<i>-28</i>	<i>-1.68%</i>
515100	Radio and Television Broadcasting	1,634	1,608	-26	-1.59%
515200	Cable and Other Subscription Programming	33	31	-2	-6.06%
<i>517000</i>	<i>Telecommunications</i>	<i>5,762</i>	<i>5,782</i>	<i>20</i>	<i>0.35%</i>
517100	Wired Telecommunications Carriers	3,619	3,473	-146	-4.03%
517200	Wireless Telecommunications Carriers (except Satellite)	1,803	2,035	232	12.87%
517900	Other Telecommunications	340	274	-66	-19.41%
<i>518000</i>	<i>Data Processing, Hosting and Related Services</i>	<i>1,398</i>	<i>1,423</i>	<i>25</i>	<i>1.79%</i>
<i>519000</i>	<i>Other Information Services</i>	<i>383</i>	<i>427</i>	<i>44</i>	<i>11.49%</i>
102300	FINANCIAL ACTIVITIES	49,265	50,204	939	1.91%
<i>520000</i>	<i>Finance and Insurance</i>	<i>36,540</i>	<i>37,034</i>	<i>494</i>	<i>1.35%</i>
<i>522000</i>	<i>Credit Intermediation and Related Activities</i>	<i>19,216</i>	<i>19,290</i>	<i>74</i>	<i>0.39%</i>
522100	Depository Credit Intermediation	16,420	16,161	-259	-1.58%
522200	Nondepository Credit Intermediation	2,318	2,589	271	11.69%
522300	Activities Related to Credit Intermediation	478	540	62	12.97%
<i>523000</i>	<i>Securities, Commodity Contracts, and Other Financial Investments and Related Activities</i>	<i>3,016</i>	<i>3,127</i>	<i>111</i>	<i>3.68%</i>
523100	Securities and Commodity Contracts Intermediation and Brokerage	2,153	2,237	84	3.90%
523900	Other Financial Investment Activities	863	890	27	3.13%
<i>524000</i>	<i>Insurance Carriers and Related Activities</i>	<i>14,232</i>	<i>14,545</i>	<i>313</i>	<i>2.20%</i>
524100	Insurance Carriers	7,109	7,358	249	3.50%
524200	Agencies, Brokerages, and Other Insurance Related Activities	7,123	7,187	64	0.90%
	<i>OTHER</i>	<i>76</i>	<i>72</i>	<i>-4</i>	<i>-5.26%</i>
<i>530000</i>	<i>Real Estate and Rental and Leasing</i>	<i>12,725</i>	<i>13,170</i>	<i>445</i>	<i>3.50%</i>
<i>531000</i>	<i>Real Estate</i>	<i>8,426</i>	<i>8,791</i>	<i>365</i>	<i>4.33%</i>
531100	Lessors of Real Estate	4,009	4,094	85	2.12%
531200	Offices of Real Estate Agents and Brokers	1,557	1,702	145	9.31%

2014-2016 Arkansas Statewide Industry Projections

NAICS Code	NAICS Title	2014 Estimated Employment	2016 Projected Employment	Net Growth	Percent Growth
531300	Activities Related to Real Estate	2,860	2,995	135	4.72%
532000	Rental and Leasing Services	4,240	4,332	92	2.17%
532100	Automotive Equipment Rental and Leasing	892	935	43	4.82%
532200	Consumer Goods Rental	1,958	2,026	68	3.47%
532300	General Rental Centers	230	260	30	13.04%
532400	Commercial and Industrial Machinery and Equipment Rental and Leasing	1,160	1,111	-49	-4.22%
533000	Lessors of Nonfinancial Intangible Assets (except Copyrighted Works)	59	47	-12	-20.34%
102400	PROFESSIONAL AND BUSINESS SERVICES	131,120	138,918	7,798	5.95%
540000	Professional, Scientific, and Technical Services	41,309	43,310	2,001	4.84%
541000	Professional, Scientific, and Technical Services	41,309	43,310	2,001	4.84%
541100	Legal Services	6,097	6,285	188	3.08%
541200	Accounting, Tax Preparation, Bookkeeping, and Payroll Services	6,242	6,513	271	4.34%
541300	Architectural, Engineering, and Related Services	5,723	5,853	130	2.27%
541400	Specialized Design Services	418	393	-25	-5.98%
541500	Computer Systems Design and Related Services	9,341	10,147	806	8.63%
541600	Management, Scientific, and Technical Consulting Services	5,584	6,104	520	9.31%
541700	Scientific Research and Development Services	1,035	945	-90	-8.70%
541800	Advertising, Public Relations, and Related Services	3,373	3,667	294	8.72%
541900	Other Professional, Scientific, and Technical Services	3,496	3,403	-93	-2.66%
551000	Management of Companies and Enterprises	31,623	33,422	1,799	5.69%
560000	Administrative and Support and Waste Management and Remediation Services	58,188	62,186	3,998	6.87%
561000	Administrative and Support Services	55,205	58,939	3,734	6.76%
561100	Office Administrative Services	3,851	4,349	498	12.93%
561200	Facilities Support Services	208	209	1	0.48%
561300	Employment Services	23,535	25,831	2,296	9.76%
561400	Business Support Services	7,956	7,816	-140	-1.76%
561500	Travel Arrangement and Reservation Services	353	355	2	0.57%
561600	Investigation and Security Services	4,465	4,562	97	2.17%
561700	Services to Buildings and Dwellings	13,374	14,310	936	7.00%
561900	Other Support Services	1,463	1,507	44	3.01%
562000	Waste Management and Remediation Service	2,983	3,247	264	8.85%
562100	Waste Collection	1,055	1,116	61	5.78%
562200	Waste Treatment and Disposal	855	883	28	3.27%
562900	Remediation and Other Waste Management Services	1,073	1,248	175	16.31%

2014-2016 Arkansas Statewide Industry Projections

NAICS Code	NAICS Title	2014 Estimated Employment	2016 Projected Employment	Net Growth	Percent Growth
102500	EDUCATION AND HEALTH SERVICES	285,981	291,056	5,075	1.77%
610000	<i>Educational Services</i>	116,807	117,765	958	0.82%
611100	Elementary and Secondary Schools	79,268	79,100	-168	-0.21%
611200	Junior Colleges	7,599	7,574	-25	-0.33%
611300	Colleges, Universities, and Professional Schools	26,312	27,154	842	3.20%
611400	Business Schools and Computer and Management Training	100	103	3	3.00%
611500	Technical and Trade Schools	1,279	1,397	118	9.23%
611600	Other Schools and Instruction	1,624	1,690	66	4.06%
611700	Educational Support Services	625	747	122	19.52%
620000	<i>Health Care and Social Assistance</i>	169,174	173,291	4,117	2.43%
621000	<i>Ambulatory Health Care Services</i>	48,800	51,073	2,273	4.66%
621100	Offices of Physicians	22,328	23,198	870	3.90%
621200	Offices of Dentists	6,950	7,190	240	3.45%
621300	Offices of Other Health Practitioners	7,427	7,956	529	7.12%
621400	Outpatient Care Centers	4,150	4,390	240	5.78%
621500	Medical and Diagnostic Laboratories	1,042	1,099	57	5.47%
621600	Home Health Care Services	4,448	4,656	208	4.68%
621900	Other Ambulatory Health Care Services	2,455	2,584	129	5.25%
622000	<i>Hospitals</i>	52,711	52,354	-357	-0.68%
622100	General Medical and Surgical Hospitals	47,376	47,052	-324	-0.68%
622200	Psychiatric and Substance Abuse Hospitals	3,003	3,067	64	2.13%
622300	Specialty (except Psychiatric and Substance Abuse) Hospitals	2,332	2,235	-97	-4.16%
623000	<i>Nursing and Residential Care Facilities</i>	30,936	31,373	437	1.41%
623100	Nursing Care Facilities (Skilled Nursing Facilities)	22,313	22,289	-24	-0.11%
623200	Residential Intellectual & Developmental Disability, Mental Health, & Substance Abuse Facilities	4,319	4,439	120	2.78%
623300	Continuing Care Retirement Communities and Assisted Living Facilities for the Elderly	3,242	3,553	311	9.59%
623900	Other Residential Care Facilities	1,062	1,092	30	2.82%
624000	<i>Social Assistance</i>	36,727	38,491	1,764	4.80%
624100	Individual and Family Services	22,334	23,682	1,348	6.04%
624200	Community Food and Housing, and Emergency and Other Relief Services	1,288	1,336	48	3.73%
624300	Vocational Rehabilitation Services	3,393	3,649	256	7.54%
624400	Child Day Care Services	9,712	9,824	112	1.15%
102600	LEISURE AND HOSPITALITY	102,855	107,821	4,966	4.83%

2014-2016 Arkansas Statewide Industry Projections

NAICS Code	NAICS Title	2014 Estimated Employment	2016 Projected Employment	Net Growth	Percent Growth
710000	Arts, Entertainment, and Recreation	9,112	9,972	860	9.44%
711000	<i>Performing Arts, Spectator Sports, and Related Industries</i>	2,431	2,764	333	13.70%
711100	Performing Arts Companies	345	352	7	2.03%
711200	Spectator Sports	1,574	1,884	310	19.70%
711300	Promoters of Performing Arts, Sports, and Similar Events	415	422	7	1.69%
711400	Agents and Managers for Artists, Athletes, Entertainers, and Other Public Figures	30	36	6	20.00%
711500	Independent Artists, Writers, and Performers	67	70	3	4.48%
712000	<i>Museums, Historical Sites, and Similar Institution</i>	505	594	89	17.62%
713000	<i>Amusement, Gambling, and Recreation Industries</i>	6,176	6,614	438	7.09%
720000	Accommodation and Food Services	93,743	97,849	4,106	4.38%
721000	<i>Accommodation, including Hotels and Motels</i>	10,199	10,370	171	1.68%
721100	Traveler Accommodation	9,768	9,928	160	1.64%
721200	RV (Recreational Vehicle) Parks and Recreational Camps	336	345	9	2.68%
721300	Rooming and Boarding Houses	95	97	2	2.11%
722000	<i>Food Services and Drinking Places</i>	83,544	87,479	3,935	4.71%
722300	Special Food Services	2,910	3,121	211	7.25%
722400	Drinking Places (Alcoholic Beverages)	1,169	1,118	-51	-4.36%
722500	Restaurants and Other Eating Places	79,465	83,240	3,775	4.75%
102700	OTHER SERVICES (EXCEPT GOVERNMENT)	43,955	44,192	237	0.54%
811000	<i>Repair and Maintenance</i>	9,424	9,556	132	1.40%
811100	Automotive Repair and Maintenance	5,995	6,017	22	0.37%
811200	Electronic and Precision Equipment Repair and Maintenance	732	764	32	4.37%
811300	Commercial and Industrial Machinery and Equipment (except Automotive and Electronic) Repair and Maintenance	2,120	2,189	69	3.25%
811400	Personal and Household Goods Repair and Maintenance	577	586	9	1.56%
812000	<i>Personal and Laundry Services</i>	7,835	7,668	-167	-2.13%
812100	Personal Care Services	2,755	2,713	-42	-1.52%
812200	Death Care Services	1,551	1,496	-55	-3.55%
812300	Drycleaning and Laundry Services	2,824	2,751	-73	-2.58%
812900	Other Personal Services	705	708	3	0.43%
813000	<i>Religious, Grantmaking, Civic, Professional, and Similar Organizations</i>	25,723	26,007	284	1.10%
813100	Religious Organizations	19,859	20,397	538	2.71%
813200	Grantmaking and Giving Services	503	520	17	3.38%
813300	Social Advocacy Organizations	1,661	1,586	-75	-4.52%
813400	Civic and Social Organizations	1,126	1,096	-30	-2.66%

2014-2016 Arkansas Statewide Industry Projections

NAICS Code	NAICS Title	2014 Estimated Employment	2016 Projected Employment	Net Growth	Percent Growth
813900	Business, Professional, Labor, Political, and Similar Organizations	2,574	2,408	-166	-6.45%
814000	<i>Private Households</i>	973	961	-12	-1.23%
102800	GOVERNMENT	96,778	97,392	614	0.63%
910000	<i>Total Federal Government Employment</i>	20,268	19,943	-325	-1.60%
491100	Postal Service	5,351	5,276	-75	-1.40%
999100	Federal Government, Excluding Post Office	14,917	14,667	-250	-1.68%
999200	State Government, Excluding Education and Hospitals	37,108	37,572	464	1.25%
999300	Local Government, Excluding Education and Hospitals	39,402	39,877	475	1.21%

EXPLANATION OF OCCUPATIONAL PROJECTIONS DATA ARKANSAS-STATEWIDE 2014-2016

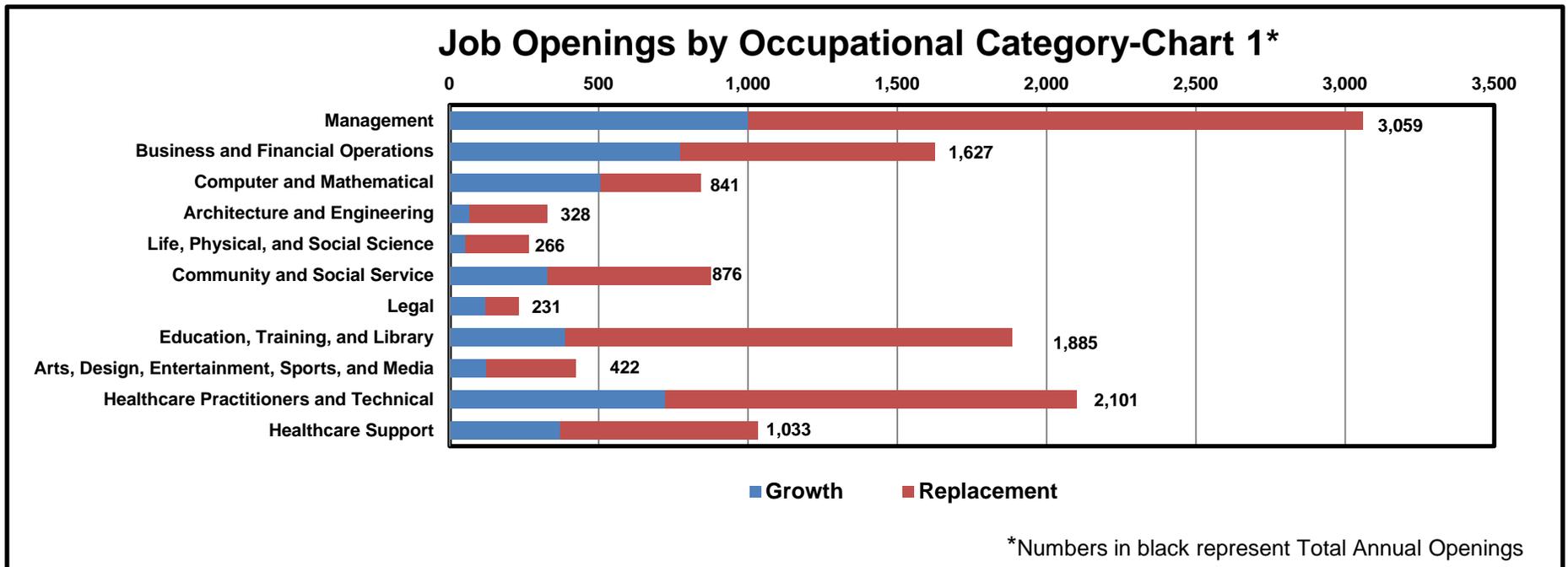
SOC Code	SOC Title	2014 Estimated Employment	2016 Projected Employment	Net Growth	Percent Growth	Annual Openings- Growth	Annual Openings- Replacement	Total Annual Openings	Education/ Training Codes
The occupational code based on the Standard Occupational Classification (SOC) Coding and Title Structure	The occupational title based on the Standard Occupational Classification (SOC) Coding and Title Structure	An estimate of the number of jobs in an occupation in 2014	The projected number of jobs expected to be in an occupation in 2016	Total number of jobs an occupation is expected to gain or lose over the 2014 to 2016 period	Percent change in the number of jobs in an occupation over the 2014 to 2016 period	Average number of annual job openings expected to be created during the projection period due to employment growth	Average number of annual job openings expected to be created during the projection period due to the need to replace workers who leave the occupation	Average number of annual job openings expected to be created during the projection period due to employment growth and replacements	Level of training needed by most workers to become fully qualified in the occupation according to the Bureau of Labor Statistics. See page 87 for definitions.

2014-2016 Arkansas Statewide Occupational Projections by Major Group

SOC Code	SOC Title	Estimated Employment 2014	Projected Employment 2016	Net Growth	Percent Growth	Annual Openings due to Growth	Annual Openings due to Replacement	Total Annual Openings
00-0000	Total, All Occupations	1,297,772	1,327,185	29,413	2.27%	15,466	29,968	45,434
11-0000	Management Occupations	119,263	121,250	1,987	1.67%	1,000	2,059	3,059
13-0000	Business and Financial Operations Occupations	46,117	47,645	1,528	3.31%	773	854	1,627
15-0000	Computer and Mathematical Occupations	21,304	22,316	1,012	4.75%	506	335	841
17-0000	Architecture and Engineering Occupations	11,529	11,651	122	1.06%	68	260	328
19-0000	Life, Physical, and Social Science Occupations	7,158	7,237	79	1.10%	53	213	266
21-0000	Community and Social Service Occupations	25,671	26,330	659	2.57%	330	546	876
23-0000	Legal Occupations	7,443	7,685	242	3.25%	121	110	231
25-0000	Education, Training, and Library Occupations	74,308	75,025	717	0.96%	388	1,497	1,885
27-0000	Arts, Design, Entertainment, Sports, and Media Occupations	13,316	13,527	211	1.58%	122	300	422
29-0000	Healthcare Practitioners and Technical Occupations	73,941	75,356	1,415	1.91%	722	1,379	2,101
31-0000	Healthcare Support Occupations	37,774	38,480	706	1.87%	371	662	1,033
33-0000	Protective Service Occupations	24,265	24,669	404	1.66%	203	674	877
35-0000	Food Preparation and Serving Related Occupations	98,490	102,556	4,066	4.13%	2,033	3,954	5,987
37-0000	Building and Grounds Cleaning and Maintenance Occupations	41,486	42,945	1,459	3.52%	730	778	1,508
39-0000	Personal Care and Service Occupations	43,750	45,225	1,475	3.37%	760	822	1,582
41-0000	Sales and Related Occupations	128,052	131,952	3,900	3.05%	1,986	4,296	6,282
43-0000	Office and Administrative Support Occupations	188,024	191,229	3,205	1.70%	1,798	4,191	5,989
45-0000	Farming, Fishing, and Forestry Occupations	10,248	10,427	179	1.75%	103	264	367
47-0000	Construction and Extraction Occupations	50,560	51,466	906	1.79%	545	874	1,419
49-0000	Installation, Maintenance, and Repair Occupations	54,231	55,065	834	1.54%	468	1,232	1,700
51-0000	Production Occupations	112,669	114,702	2,033	1.80%	1,184	2,271	3,455
53-0000	Transportation and Material Moving Occupations	108,173	110,447	2,274	2.10%	1,203	2,398	3,601

Occupational Outlook

The Arkansas labor market is expected to see a growth of 29,413 jobs over the 2014-2016 projection period, an increase of 2.27 percent, with many job opportunities for recent graduates and job seekers. Of the 45,434 total annual job openings expected during the projection period, 15,466 jobs are estimated to come from growth and expansion of businesses. The other 29,968 jobs are expected to be available due to the need to replace workers who leave their jobs for various reasons.



Management Occupations

The **Management Occupations** major group is projected to gain 1,987 jobs between 2014 and 2016. During the projection period, 3,059 job openings are expected to be available annually, of which 2,059 jobs are estimated to be for replacement. *Other Management Occupations* is predicted to add 926 new jobs and account for almost half of the openings among **Management Occupations**. Farmers, Ranchers, and Other Agricultural Managers could account for more than one out of three job openings in **Management Occupations**. *Top Executives* is predicted to add 538 to its workforce, while *Operations Specialties Managers* could experience a net gain of 329 jobs. General and Operations Managers is predicted to lead the **Management Occupations** major group in net growth with a gain of 480 new jobs.

Business and Financial Operations

The **Business and Financial Operations Occupations** major group is estimated to gain 1,528 new jobs by the first quarter of 2016, an increase of 3.31 percent. Around 1,627 job openings are projected to be available each year of the projection period. Growth and expansion is estimated to account for 773 of the job openings, while 854 jobs will be for replacement. *Business Operations Specialists* is projected to gain the most jobs with 1,045 on the horizon, accounting for more than two-thirds of the job growth in this major group, while *Financial Specialists* is predicted to gain an additional 483. Five occupations are predicted to gain over 100 new jobs during the projection period with Accountants and Auditors expected to add 257 new jobs and have 330 annual job openings.

Computer and Mathematical

The **Computer and Mathematical Occupations** major group is projected to add 1,012 new jobs and have 841 annual job openings. It is projected to be one of two major groups where growth openings lead replacement openings with 506 for growth and expansion and 335 for replacement. At 4.75 percent, **Computer and Mathematical Occupations** is expected to be the fastest growing major group in the state. The majority of this major group's growth is likely to be in *Computer Occupations* with a gain of 982 new jobs and 815 annual openings. Five occupations in this group are estimated to grow by at least 120 with Software Developers, Applications leading with 148 new jobs. Information Security Analysts is projected to be fourth in the state in percent growth with a 10.58 percent rise in employment. Computer Programmers could lead in the number of job openings with 160 annually during the projection period.

Architecture and Engineering

The **Architecture and Engineering Occupations** major group is expected to experience a growth of just 122, or just over a one percent gain. *Engineers* is predicted to have nearly two-thirds of this major group's growth with 81 new jobs and 216 annual openings. Civil Engineers is set to have the most job growth with 31 new jobs, while Industrial Engineers could have the most openings with 54 each year between 2014 and 2016.

Life, Physical, and Social Science

Life, Physical, and Social Science Occupations is projected to have the smallest growth among all major groups with 79 new jobs during the projection period. *Life Scientists* is predicted to add 31 to its workforce, while *Life, Physical, and Social Science Technicians* is estimated to add 28. Food Scientists and Technologists is anticipated to lead all occupations in this major group with 29 new jobs. Occupations with expected job losses are projected to lose less than five jobs each.

Community and Social Service

The **Community and Social Service Occupations** major group is expected to gain 659 jobs by the first quarter of 2016. Around 876 annual job openings are projected to be available with 330 for growth and expansion and 546 for replacement. *Religious Workers* is forecast to gain 383 new jobs with Clergy claiming 235. *Counselors, Social Workers, and Other Community and Social Service Specialists* is predicted to add an additional 276 jobs. Social and Human Service Assistants is predicted to add 105 jobs, while four other occupations in this occupational family are predicted to add at least 20.

Legal

The **Legal Occupations** major group is projected to gain 242 jobs during the projection period. This occupational group is expected to have the fewest annual openings with 231 anticipated, but growth openings lead replacement openings with 121 for growth and expansion and 110 for

replacement. The majority of the growth is likely to come in *Lawyers, Judges, and Related Workers* with an anticipated growth of 151 jobs with 137 coming among Lawyers. *Legal Support Workers* is estimated to add 91 new jobs with Paralegals and Legal Assistants adding 65 of those.

Education, Training, and Library

The **Education, Training, and Library Occupations** major group is forecast to add 717 jobs and have 1,885 annual openings each year of the projection period. *Postsecondary Teachers* is estimated to add 364 jobs to the ranks at college campuses across the state. Health Specialties Teachers, Postsecondary is estimated to lead this occupational family in net growth with 67 new jobs. *Preschool, Primary, Secondary, and Special Education School Teachers* is set to add 194 to the Arkansas workforce and have more than half of this major group's total annual openings. However, the outlook is a bit mixed. Elementary School Teachers, Except Special Education is predicted to lead the major division in net growth with 109 new jobs, while Middle School Teachers, Except Special and Career/Technical Education is set to add 62. On the flip side, Secondary School Teachers, Except Special and Career/Technical Education could cut jobs by 27. Curators is estimated to be the second fastest growing occupation with an 11.43 percent growth, while Museum Technicians and Conservators could increase by 9.02 percent placing it among the 10 fastest growing in the state.

Arts, Design, Entertainment, Sports, and Media

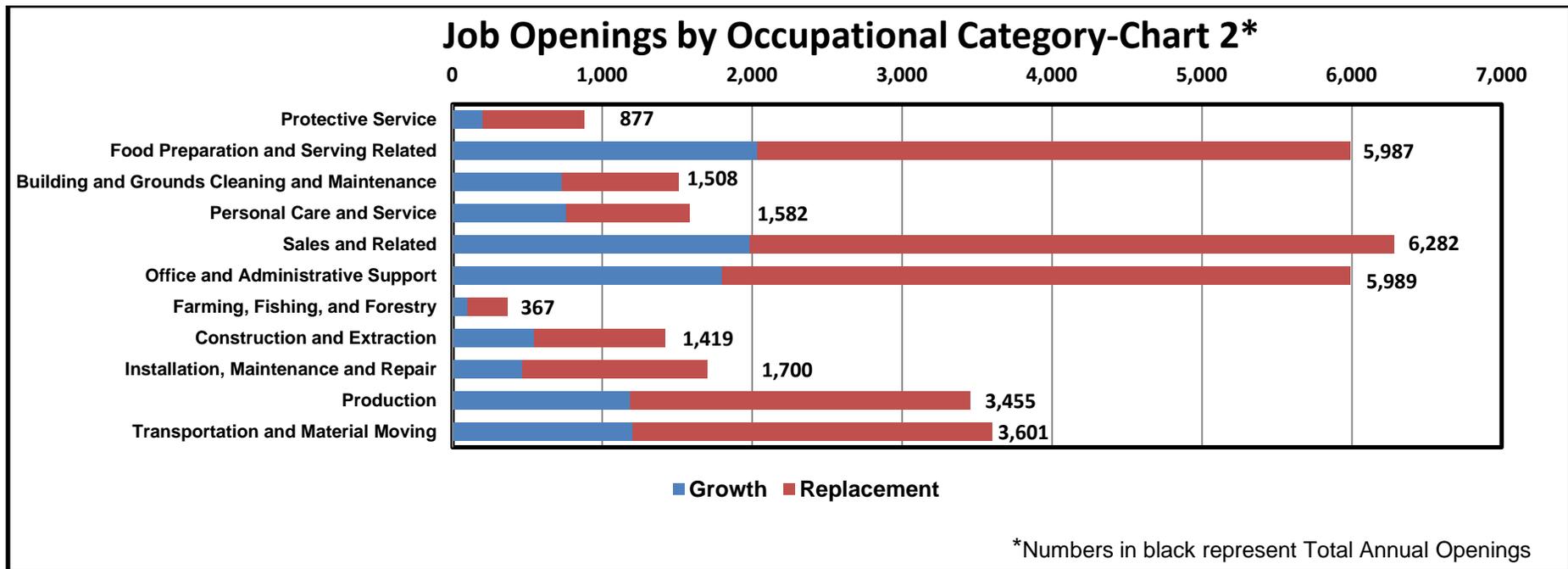
The **Arts, Design, Entertainment, Sports, and Media Occupations** major group is expected to add 211 jobs between 2014 and 2016. Around 422 jobs are projected to be available each year during the projection period. The majority of the job growth in this major group is likely to occur in the *Entertainers and Performers, Sports and Related Workers* family with a net gain of 101 jobs anticipated. Coaches and Scouts leads all occupations within this major group with 43 new jobs, while Athletes and Sports Competitors could be the fastest growing occupation in the state with a 16.30 percent growth. Reporters and Correspondents is forecasted to lose 16.

Healthcare Practitioners and Technical

The **Healthcare Practitioners and Technical Occupations** major group is projected to add 1,415 jobs between 2014 and 2016. It is expected to have 2,101 job openings each year, 1,379 of which would be for replacement. *Health Diagnosing and Treating Practitioners* is expected to have the most new jobs with 703 on the horizon. Registered Nurses is estimated to add 183 and have 478 annual openings, placing it on the Top 20 Annual Openings list. A decline in hospital staffing has slowed the growth in Registered Nurses, but the occupation remains a high demand occupation. *Health Technologists and Technicians* is projected to increase by an additional 689 jobs with Licensed Practical and Licensed Vocational Nurses growing by 240 and Pharmacy Technicians adding 135.

Healthcare Support Occupations

Healthcare Support Occupations is expected to increase employment by 1.87 percent, equivalent to 706 new jobs and 1,033 annual job openings between 2014 and 2016. The occupational family *Nursing, Psychiatric, and Home Health Aides* will likely gain the majority of the new jobs with 399 on the horizon. Home Health Aides is forecasted to increase employment by 311, while Nursing Assistants is estimated to increase by an additional 78 jobs. The two occupations are set to have 659 annual job openings combined. *Other Healthcare Support Occupations* could add 221 new jobs to its workforce. Veterinary Assistants and Laboratory Animal Caretakers could lose 32 jobs, or 4.58 percent of its workforce.



Protective Service

The **Protective Service Occupations** major group is expected to add 404 new jobs to the Arkansas job market. This major group is predicted to have 877 annual job openings with about 674 for replacement. *Other Protective Service Workers* is estimated to see a growth of 177 new jobs with Security Guards adding 145. *Law Enforcement Workers* is forecast to add 152 new jobs with Police and Sheriff's Patrol Officers adding 75 and Correctional Officers and Jailers adding 64.

Food Preparation and Serving Related

Food Preparation and Serving Related Occupations is expected to be the top growing major group over the next two years adding 4,066 jobs to the Arkansas labor market, an increase of 4.13 percent. It is projected to have 5,987 annual job openings with 3,954 of those for replacement. *Food and Beverage Serving Workers* is projected to have 2,304 new jobs and 3,604 annual job openings during the projection period. Combined Food Preparation and Serving Workers, Including Fast Food is estimated to be the top growing occupation in the state with 1,370 new jobs. Waiters and Waitresses is expected to add 792 to its workforce. Three other occupations in **Food Preparation and Serving Related Occupations** are estimated to make the Top 20 Growing Occupations list.

Building and Grounds Cleaning and Maintenance

The **Building and Grounds Cleaning and Maintenance Occupations** major group is projected to add 1,459 jobs by the first quarter of 2016 as well as having 1,508 annual openings. *Building Cleaning and Pest Control Workers* is predicted to see 1,012 new jobs, 69.4 percent of this major group's job growth. Janitors and Cleaners, Except Maids and Housekeeping Cleaners is estimated to gain 714 of those jobs, placing the occupation seventh

in the state in net growth. *Grounds Maintenance Workers* is also forecast to see strong growth with a gain of 309 jobs. Landscaping and Groundskeeping Workers will likely claim the majority of those jobs with 245 on the horizon.

Personal Care and Service

The **Personal Care and Service Occupations** major group is projected to increase employment by 1,475. Around 1,582 annual openings are forecast for this major group with 822 for replacement and 760 for growth and expansion. The *Other Personal Care and Service Workers* occupational family could account for 88 percent of the new jobs in this major group with 1,298 expected. Personal Care Aides could add 981 new jobs to its workforce placing it third in net growth, while Childcare Workers is predicted to add 185 to its workforce.

Sales and Related

The **Sales and Related Occupations** major group is expected to gain 3,900 jobs by March 2016 and have 6,282 annual openings during the projection period, the most among the major groups. Of these, 4,296 are estimated to be for replacement, while 1,986 would be for growth and expansion. The *Retail Sales Workers* occupational family is predicted to add 2,392 to the Arkansas job market. Retail Salespersons is predicted to add the majority of those jobs with a forecasted growth of 1,341, placing it second in the state in net growth, while Cashiers is estimated to gain an additional 900 jobs, tied for fourth in the state in net growth. Both occupations are slated to be the top two in the number of annual openings. Telemarketers is the only occupation in **Sales and Related Occupations** to make the Top 20 Declining Occupations list with a loss of 69 jobs, making it third in the state in net decline.

Office and Administrative Support

The **Office and Administrative Support Occupations** major group is predicted to add 3,205 new jobs and have 5,989 annual openings. Of the total annual openings, 4,191 would be for replacement and 1,798 will be due to growth and expansion. The *Information and Record Clerks* family is projected to add 878 new jobs. Customer Service Representatives is projected to add 514 jobs to the economy placing it on the Top 20 Growing Occupations list. *Secretaries and Administrative Assistants* is projected to experience a gain of 657 new jobs between 2014 and 2016. Office Clerks, General, of the *Other Office and Administrative Support Workers* occupational family, is expected to increase employment by 430. The largest decline in this major group could come in Tellers with an anticipated loss of 116 jobs. The increasing move to online banking and mandatory direct deposits by some companies may be to blame.

Farming, Fishing, and Forestry

The **Farming, Fishing, and Forestry Occupations** major group is projected to see a slight increase over the next two years with a gain of 179, a 1.75 percent increase. It is also expected to have 367 annual job openings with 264 for replacements and 103 for growth and expansion. *Agricultural Workers* is anticipated to drive growth in this major group with 163 new jobs, more than 91 percent of the major group's growth. Farmworkers and Laborers, Crop, Nursery, and Greenhouse is estimated to add the most jobs with 106 on the horizon.

Construction and Extraction

The **Construction and Extraction Occupations** major group is expected to gain a net 906 jobs by March 2016. About 1,419 annual openings are projected for this major group with 545 for growth and expansion and 874 for replacement. The outlook for this major group is mixed with *Construction Trades Workers* family predicted to add 766 jobs to the workforce as continued or new construction projects pop up. Carpenters are estimated to lead all occupations in this major group with 212 new jobs, while Construction Laborers add 199. Three occupations make the Top 20

Fastest Growing Occupations list. On the flip side of the economy, the *Extraction Workers* occupational family is projected to experience a loss of jobs with 164 expected to be cut. Four occupations make the Top 20 Declining Occupations list, while six make the Top 20 Fastest Declining Occupations list.

Installation, Maintenance, and Repair

The **Installation, Maintenance, and Repair Occupations** major group is projected to gain 834 jobs over the next two years. About 1,700 job openings are forecast to be available each year during the projection period with 1,232 due to replacement. The *Other Installation, Maintenance, and Repair Occupations* family is predicted to see the most growth with an increase of 526 jobs. Maintenance and Repair Workers, General is projected to add 233 new jobs to its workforce, while Industrial Machinery Mechanics is predicted to add 225 jobs. The *Vehicle and Mobile Equipment Mechanics, Installers, and Repairers* family is expected to add an additional 277 jobs to the Arkansas labor market.

Production Occupations

The **Production Occupations** major group is predicted to experience a net gain of 2,033 jobs during the projection period, a 1.80 percent increase. Of the 3,455 annual job openings, 2,271 job openings are estimated to be for replacement and 1,184 for growth and expansion. The outlook in this major group is mixed with some gains and losses. *Other Production Occupations* is estimated to gain 730 jobs between 2014 and 2016. Helper--Production Workers are estimated to add 207 new jobs to its workforce. Team Assemblers, of the *Assemblers and Fabricators* occupational family, could make the Top 20 Growing Occupations list with 337 new jobs. Computer Numerically Controlled Machine Tool Programmers, Metal and Plastic, of the *Metal Workers and Plastic Workers* family, is forecast to be the fifth fastest growing occupation with a 10.22 percent growth. While the majority of the occupational families in **Production Occupations** are estimated to see growth, *Textile, Apparel, and Furnishings Workers* is forecast to experience a net loss of 51 jobs. Five occupations in the **Production Occupations** major group make the Top 20 Declining Occupations list with Molding, Coremaking, and Casting Machine Setters, Operators, and Tenders, Metal and Plastic leading with 46 job losses. Six occupations are on the Top 20 Fastest Declining Occupations list including the top three. Forging Machine Setters, Operators, and Tenders, Metal and Plastic leads all occupations in the state in percent decline with 13.59 percent.

Transportation and Material Moving

The **Transportation and Material Moving Occupations** major group is projected to gain 2,274 employees by the first quarter of 2016. Around 3,601 jobs are expected to be available each year of the projection period, of which 2,398 would be for replacement. *Material Moving Workers* is projected to add 1,283 new jobs with Laborers and Freight, Stock, and Material Movers, Hand predicted to gain 900 of those placing it in a tie of fourth in the state in net growth. *Motor Vehicle Operators* is expected to experience a net gain of 785 jobs during the projection period. Driving this growth is Heavy and Tractor-Trailer Truck Drivers, which is projected to add 565 jobs to its workforce, placing it among the top 10 on the Top 20 Growing Occupations list. However, Bus Drivers, School or Special Client, could lose 79 jobs, making it second on the list of top declining occupations in the state. Wellhead Pumpers with a 7.41 percent decline could be among the 10 fastest declining occupations in the state.

Top 20 Growing Occupations by Net Growth

SOC Code	SOC Title	Estimated Employment 2014	Projected Employment 2016	Net Growth	Percent Growth	Annual Openings due to Growth	Annual Openings due to Replacement	Total Annual Openings
35-3021	Combined Food Preparation and Serving Workers, Including Fast Food	23,584	24,954	1,370	5.81%	685	1,130	1,815
41-2031	Retail Salespersons	38,372	39,713	1,341	3.49%	670	1,412	2,082
39-9021	Personal Care Aides	16,779	17,760	981	5.85%	490	92	582
41-2011	Cashiers	29,950	30,850	900	3.01%	450	1,610	2,060
53-7062	Laborers and Freight, Stock, and Material Movers, Hand	24,922	25,822	900	3.61%	450	793	1,243
35-3031	Waiters and Waitresses	19,042	19,834	792	4.16%	396	987	1,383
37-2011	Janitors and Cleaners, Except Maids and Housekeeping Cleaners	19,055	19,769	714	3.75%	357	322	679
53-3032	Heavy and Tractor-Trailer Truck Drivers	34,652	35,217	565	1.63%	282	528	810
43-6014	Secretaries and Administrative Assistants, Except Legal, Medical, and Executive	22,183	22,724	541	2.44%	270	264	534
35-2014	Cooks, Restaurant	8,784	9,321	537	6.11%	268	176	444
43-4051	Customer Service Representatives	19,116	19,630	514	2.69%	257	502	759
41-1011	First-Line Supervisors of Retail Sales Workers	16,939	17,451	512	3.02%	256	359	615
11-1021	General and Operations Managers	16,732	17,212	480	2.87%	240	265	505
43-9061	Office Clerks, General	29,987	30,417	430	1.43%	215	616	831
11-9013	Farmers, Ranchers, and Other Agricultural Managers	53,332	53,753	421	0.79%	210	844	1,054
35-1012	First-Line Supervisors of Food Preparation and Serving Workers	8,544	8,949	405	4.74%	202	256	458
43-3031	Bookkeeping, Accounting, and Auditing Clerks	13,045	13,449	404	3.10%	202	120	322
43-1011	First-Line Supervisors of Office and Administrative Support Workers	14,063	14,422	359	2.55%	180	328	508
51-2092	Team Assemblers	14,071	14,408	337	2.39%	168	229	397
35-2011	Cooks, Fast Food	10,707	11,028	321	3.00%	160	214	374

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

SOC Code	SOC Title	Estimated Employment 2014	Projected Employment 2016	Net Growth	Percent Growth	Annual Openings due to Growth	Annual Openings due to Replacement	Total Annual Openings
27-2021	Athletes and Sports Competitors	135	157	22	16.30%	11	4	15
25-4012	Curators	70	78	8	11.43%	4	2	6
39-1011	Gaming Supervisors	73	81	8	10.96%	4	2	6
15-1122	Information Security Analysts	1,361	1,505	144	10.58%	72	19	91
51-4012	Computer Numerically Controlled Machine Tool Programmers, Metal and Plastic	186	205	19	10.22%	10	4	14
47-4071	Septic Tank Servicers and Sewer Pipe Cleaners	195	214	19	9.74%	10	4	14
11-3131	Training and Development Managers	316	346	30	9.49%	15	8	23
53-5021	Captains, Mates, and Pilots of Water Vessels	201	220	19	9.45%	10	6	16
13-1081	Logisticians	1,095	1,196	101	9.22%	50	10	60
25-4013	Museum Technicians and Conservators	122	133	11	9.02%	6	2	8
47-3011	Helpers--Brickmasons, Blockmasons, Stonemasons, and Tile and Marble Setters	387	421	34	8.79%	17	8	25
47-2021	Brickmasons and Blockmasons	515	555	40	7.77%	20	6	26
31-2011	Occupational Therapy Assistants	181	195	14	7.73%	7	4	11
49-3051	Motorboat Mechanics and Service Technicians	196	211	15	7.65%	8	4	12
17-2061	Computer Hardware Engineers	122	131	9	7.38%	4	2	6
49-9096	Riggers	98	105	7	7.14%	4	2	6
53-7071	Gas Compressor and Gas Pumping Station Operators	71	76	5	7.04%	2	2	4
15-1132	Software Developers, Applications	2,130	2,278	148	6.95%	74	22	96
49-3052	Motorcycle Mechanics	205	219	14	6.83%	7	4	11
13-1161	Market Research Analysts and Marketing Specialists	2,168	2,316	148	6.83%	74	26	100

Top 20 Occupations by Total Annual Openings

SOC Code	SOC Title	Estimated Employment 2014	Projected Employment 2016	Net Growth	Percent Growth	Annual Openings due to Growth	Annual Openings due to Replacement	Total Annual Openings
41-2031	Retail Salespersons	38,372	39,713	1,341	3.49%	670	1,412	2,082
41-2011	Cashiers	29,950	30,850	900	3.01%	450	1,610	2,060
35-3021	Combined Food Preparation and Serving Workers, Including Fast Food	23,584	24,954	1,370	5.81%	685	1,130	1,815
35-3031	Waiters and Waitresses	19,042	19,834	792	4.16%	396	987	1,383
53-7062	Laborers and Freight, Stock, and Material Movers, Hand	24,922	25,822	900	3.61%	450	793	1,243
11-9013	Farmers, Ranchers, and Other Agricultural Managers	53,332	53,753	421	0.79%	210	844	1,054
43-9061	Office Clerks, General	29,987	30,417	430	1.43%	215	616	831
53-3032	Heavy and Tractor-Trailer Truck Drivers	34,652	35,217	565	1.63%	282	528	810
43-4051	Customer Service Representatives	19,116	19,630	514	2.69%	257	502	759
37-2011	Janitors and Cleaners, Except Maids and Housekeeping Cleaners	19,055	19,769	714	3.75%	357	322	679
43-5081	Stock Clerks and Order Fillers	16,342	16,600	258	1.58%	129	521	650
41-1011	First-Line Supervisors of Retail Sales Workers	16,939	17,451	512	3.02%	256	359	615
39-9021	Personal Care Aides	16,779	17,760	981	5.85%	490	92	582
43-6014	Secretaries and Administrative Assistants, Except Legal, Medical, and Executive	22,183	22,724	541	2.44%	270	264	534
43-1011	First-Line Supervisors of Office and Administrative Support Workers	14,063	14,422	359	2.55%	180	328	508
11-1021	General and Operations Managers	16,732	17,212	480	2.87%	240	265	505
29-1141	Registered Nurses	22,789	22,972	183	0.80%	92	386	478
39-9011	Childcare Workers	12,423	12,608	185	1.49%	92	374	466
35-1012	First-Line Supervisors of Food Preparation and Serving Workers	8,544	8,949	405	4.74%	202	256	458
35-2014	Cooks, Restaurant	8,784	9,321	537	6.11%	268	176	444

Top 20 Declining Occupations by Net Growth

SOC Code	SOC Title	Estimated Employment 2014	Projected Employment 2016	Net Growth	Percent Growth	Annual Openings due to Growth	Annual Openings due to Replacement	Total Annual Openings
43-3071	Tellers	6,393	6,277	-116	-1.81%	0	334	334
53-3022	Bus Drivers, School or Special Client	5,112	5,033	-79	-1.55%	0	82	82
41-9041	Telemarketers	1,766	1,697	-69	-3.91%	0	41	41
43-9021	Data Entry Keyers	1,586	1,527	-59	-3.72%	0	22	22
47-5071	Roustabouts, Oil and Gas	556	508	-48	-8.63%	0	12	12
51-4072	Molding, Coremaking, and Casting Machine Setters, Operators, and Tenders, Metal and Plastic	1,039	993	-46	-4.43%	0	14	14
51-6042	Shoe Machine Operators and Tenders	364	324	-40	-10.99%	0	6	6
47-5013	Service Unit Operators, Oil, Gas, and Mining	438	402	-36	-8.22%	0	17	17
43-5052	Postal Service Mail Carriers	2,874	2,840	-34	-1.18%	0	96	96
31-9096	Veterinary Assistants and Laboratory Animal Caretakers	698	666	-32	-4.58%	0	12	12
51-4021	Extruding and Drawing Machine Setters, Operators, and Tenders, Metal and Plastic	1,101	1,073	-28	-2.54%	0	21	21
51-4022	Forging Machine Setters, Operators, and Tenders, Metal and Plastic	206	178	-28	-13.59%	0	4	4
53-7073	Wellhead Pumpers	378	350	-28	-7.41%	0	10	10
25-2031	Secondary School Teachers, Except Special and Career/Technical Education	9,556	9,529	-27	-0.28%	0	260	260
47-5081	Helpers--Extraction Workers	363	337	-26	-7.16%	0	8	8
47-5011	Derrick Operators, Oil and Gas	263	238	-25	-9.51%	0	10	10
43-5051	Postal Service Clerks	957	933	-24	-2.51%	0	14	14
49-9051	Electrical Power-Line Installers and Repairers	1,689	1,667	-22	-1.30%	0	58	58
51-2021	Coil Winders, Tapers, and Finishers	227	205	-22	-9.69%	0	3	3
49-9052	Telecommunications Line Installers and Repairers	982	961	-21	-2.14%	0	22	22

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

SOC Code	SOC Title	Estimated Employment 2014	Projected Employment 2016	Net Growth	Percent Growth	Annual Openings due to Growth	Annual Openings due to Replacement	Total Annual Openings
51-4022	Forging Machine Setters, Operators, and Tenders, Metal and Plastic	206	178	-28	-13.59%	0	4	4
51-6042	Shoe Machine Operators and Tenders	364	324	-40	-10.99%	0	6	6
51-2021	Coil Winders, Tapers, and Finishers	227	205	-22	-9.69%	0	3	3
47-5012	Rotary Drill Operators, Oil and Gas	146	132	-14	-9.59%	0	6	6
47-5011	Derrick Operators, Oil and Gas	263	238	-25	-9.51%	0	10	10
47-5071	Roustabouts, Oil and Gas	556	508	-48	-8.63%	0	12	12
47-5013	Service Unit Operators, Oil, Gas, and Mining	438	402	-36	-8.22%	0	17	17
39-4011	Embalmers	102	94	-8	-7.84%	0	2	2
53-7073	Wellhead Pumpers	378	350	-28	-7.41%	0	10	10
47-5081	Helpers--Extraction Workers	363	337	-26	-7.16%	0	8	8
39-3021	Motion Picture Projectionists	112	104	-8	-7.14%	0	6	6
51-6041	Shoe and Leather Workers and Repairers	90	85	-5	-5.56%	0	2	2
51-8091	Chemical Plant and System Operators	221	209	-12	-5.43%	0	8	8
49-9091	Coin, Vending, and Amusement Machine Servicers and Repairers	264	250	-14	-5.30%	0	3	3
43-9022	Word Processors and Typists	152	144	-8	-5.26%	0	0	0
45-4021	Fallers	409	389	-20	-4.89%	0	6	6
31-9096	Veterinary Assistants and Laboratory Animal Caretakers	698	666	-32	-4.58%	0	12	12
51-4072	Molding, Coremaking, and Casting Machine Setters, Operators, and Tenders, Metal and Plastic	1,039	993	-46	-4.43%	0	14	14
39-4021	Funeral Attendants	351	336	-15	-4.27%	0	8	8
47-5021	Earth Drillers, Except Oil and Gas	222	213	-9	-4.05%	0	4	4

2014-2016 Arkansas Statewide Occupational Projections

SOC Code	SOC Title	Estimated Employment 2014	Projected Employment 2016	Net Growth	Percent Growth	Annual Openings due to Growth	Annual Openings due to Replacement	Total Annual Openings	Education / Training Codes for Education	Education / Training Codes for Work Experience	Education / Training Codes for Training
00-0000	TOTAL, ALL OCCUPATIONS	1,297,772	1,327,185	29,413	2.27%	15,466	29,968	45,434			
11-0000	MANAGEMENT OCCUPATIONS	119,263	121,250	1,987	1.67%	1,000	2,059	3,059			
<i>11-1000</i>	<i>Top Executives</i>	<i>20,589</i>	<i>21,127</i>	<i>538</i>	<i>2.61%</i>	<i>269</i>	<i>346</i>	<i>615</i>			
11-1011	Chief Executives	2,930	2,975	45	1.54%	22	61	83	3	1	6
11-1021	General and Operations Managers	16,732	17,212	480	2.87%	240	265	505	3	2	6
11-1031	Legislators	927	940	13	1.40%	6	20	26	3	2	6
<i>11-2000</i>	<i>Advertising, Marketing, Promotions, Public Relations, and Sales Managers</i>	<i>5,300</i>	<i>5,494</i>	<i>194</i>	<i>3.66%</i>	<i>97</i>	<i>106</i>	<i>203</i>			
11-2011	Advertising and Promotions Managers	227	240	13	5.73%	6	6	12	3	2	6
11-2021	Marketing Managers	1,149	1,208	59	5.13%	30	22	52	3	1	6
11-2022	Sales Managers	3,636	3,751	115	3.16%	58	72	130	3	2	6
11-2031	Public Relations and Fundraising Managers	288	295	7	2.43%	4	5	9	3	1	6
<i>11-3000</i>	<i>Operations Specialties Managers</i>	<i>12,934</i>	<i>13,263</i>	<i>329</i>	<i>2.54%</i>	<i>164</i>	<i>217</i>	<i>381</i>			
11-3011	Administrative Services Managers	2,420	2,484	64	2.64%	32	32	64	3	2	6
11-3021	Computer and Information Systems Managers	1,527	1,594	67	4.39%	34	16	50	3	1	6
11-3031	Financial Managers	3,345	3,418	73	2.18%	36	56	92	3	1	6
11-3051	Industrial Production Managers	2,011	2,031	20	0.99%	10	34	44	3	1	6
11-3061	Purchasing Managers	543	556	13	2.39%	6	10	16	3	1	6
11-3071	Transportation, Storage, and Distribution Managers	1,840	1,869	29	1.58%	14	38	52	7	1	6
11-3111	Compensation and Benefits Managers	200	204	4	2.00%	2	5	7	3	1	6
11-3121	Human Resources Managers	732	761	29	3.96%	14	18	32	3	1	6

2014-2016 Arkansas Statewide Occupational Projections

SOC Code	SOC Title	Estimated Employment 2014	Projected Employment 2016	Net Growth	Percent Growth	Annual Openings due to Growth	Annual Openings due to Replacement	Total Annual Openings	Education / Training Codes for Education	Education / Training Codes for Work Experience	Education / Training Codes for Training
11-3131	Training and Development Managers	316	346	30	9.49%	15	8	23	3	1	6
11-9000	<i>Other Management Occupations</i>	80,440	81,366	926	1.15%	469	1,390	1,859			
11-9013	Farmers, Ranchers, and Other Agricultural Managers	53,332	53,753	421	0.79%	210	844	1,054	7	1	6
11-9021	Construction Managers	4,667	4,767	100	2.14%	50	60	110	3	3	4
11-9031	Education Administrators, Preschool and Childcare Center/Program	696	707	11	1.58%	6	18	24	3	2	6
11-9032	Education Administrators, Elementary and Secondary School	2,178	2,171	-7	-0.32%	0	58	58	2	1	6
11-9033	Education Administrators, Postsecondary	1,337	1,362	25	1.87%	12	36	48	2	1	6
11-9041	Architectural and Engineering Managers	658	667	9	1.37%	4	12	16	3	1	6
11-9051	Food Service Managers	3,296	3,383	87	2.64%	44	54	98	7	2	6
11-9061	Funeral Service Managers	170	166	-4	-2.35%	0	4	4	4	2	6
11-9081	Lodging Managers	764	772	8	1.05%	4	24	28	7	2	6
11-9111	Medical and Health Services Managers	2,644	2,694	50	1.89%	25	56	81	3	3	6
11-9121	Natural Sciences Managers	310	311	1	0.32%	0	6	6	3	1	6
11-9131	Postmasters and Mail Superintendents	310	309	-1	-0.32%	0	6	6	7	2	4
11-9141	Property, Real Estate, and Community Association Managers	2,860	2,934	74	2.59%	37	61	98	7	2	6
11-9151	Social and Community Service Managers	1,223	1,245	22	1.80%	11	22	33	3	1	6
11-9161	Emergency Management Directors	138	141	3	2.17%	2	2	4	3	1	6
11-9199	Managers, All Other	5,772	5,898	126	2.18%	63	124	187	7	2	6
13-0000	BUSINESS AND FINANCIAL OPERATIONS OCCUPATIONS	46,117	47,645	1,528	3.31%	773	854	1,627			

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13-1000	<i>Business Operations Specialists</i>	30,135	31,180	1,045	3.47%	532	476	1,008			
13-1011	Agents and Business Managers of Artists, Performers, and Athletes	31	34	3	9.68%	2	0	2	3	2	6
13-1021	Buyers and Purchasing Agents, Farm Products	382	391	9	2.36%	4	6	10	7	3	3
13-1022	Wholesale and Retail Buyers, Except Farm Products	2,749	2,882	133	4.84%	66	70	136	7	3	3
13-1023	Purchasing Agents, Except Wholesale, Retail, and Farm Products	1,729	1,738	9	0.52%	4	31	35	7	3	3
13-1031	Claims Adjusters, Examiners, and Investigators	1,457	1,482	25	1.72%	12	32	44	7	3	3
13-1032	Insurance Appraisers, Auto Damage	67	67	0	0.00%	0	2	2	5	3	4
13-1041	Compliance Officers	2,071	2,099	28	1.35%	14	29	43	3	3	4
13-1051	Cost Estimators	1,092	1,132	40	3.66%	20	33	53	3	3	6
13-1071	Human Resources Specialists	2,452	2,523	71	2.90%	36	40	76	3	3	6
13-1075	Labor Relations Specialists	546	528	-18	-3.30%	0	8	8	3	3	6
13-1081	Logisticians	1,095	1,196	101	9.22%	50	10	60	3	3	6
13-1111	Management Analysts	3,391	3,482	91	2.68%	46	45	91	3	2	6
13-1121	Meeting, Convention, and Event Planners	423	448	25	5.91%	12	5	17	3	3	6
13-1131	Fundraisers	238	245	7	2.94%	4	4	8	3	3	6
13-1141	Compensation, Benefits, and Job Analysis Specialists	722	732	10	1.39%	5	12	17	3	3	6
13-1151	Training and Development Specialists	1,553	1,624	71	4.57%	36	25	61	3	2	6
13-1161	Market Research Analysts and Marketing Specialists	2,168	2,316	148	6.83%	74	26	100	3	3	6
13-1199	Business Operations Specialists, All Other	7,969	8,261	292	3.66%	146	98	244	7	3	6
13-2000	<i>Financial Specialists</i>	15,982	16,465	483	3.02%	242	378	620			
13-2011	Accountants and Auditors	6,952	7,209	257	3.70%	128	202	330	3	3	6
13-2021	Appraisers and Assessors of Real Estate	1,180	1,195	15	1.27%	8	12	20	3	3	3

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13-2031	Budget Analysts	502	517	15	2.99%	8	18	26	3	3	6
13-2041	Credit Analysts	315	330	15	4.76%	8	8	16	3	3	6
13-2051	Financial Analysts	840	871	31	3.69%	16	19	35	3	3	6
13-2052	Personal Financial Advisors	794	833	39	4.91%	20	12	32	3	3	6
13-2053	Insurance Underwriters	390	394	4	1.03%	2	10	12	3	3	4
13-2061	Financial Examiners	184	186	2	1.09%	1	4	5	3	3	4
13-2071	Credit Counselors	93	95	2	2.15%	1	2	3	3	3	4
13-2072	Loan Officers	2,486	2,536	50	2.01%	25	46	71	3	3	4
13-2081	Tax Examiners and Collectors, and Revenue Agents	679	685	6	0.88%	3	22	25	3	3	4
13-2082	Tax Preparers	1,010	1,042	32	3.17%	16	18	34	7	3	4
13-2099	Financial Specialists, All Other	557	572	15	2.69%	8	4	12	3	3	4
15-0000	COMPUTER AND MATHEMATICAL OCCUPATIONS	21,304	22,316	1,012	4.75%	506	335	841			
<i>15-1100</i>	<i>Computer Occupations</i>	<i>20,792</i>	<i>21,774</i>	<i>982</i>	<i>4.72%</i>	<i>491</i>	<i>324</i>	<i>815</i>			
15-1111	Computer and Information Research Scientists	23	24	1	4.35%	0	0	0	1	3	6
15-1121	Computer Systems Analysts	2,351	2,497	146	6.21%	73	32	105	3	3	6
15-1122	Information Security Analysts	1,361	1,505	144	10.58%	72	19	91	3	2	6
15-1131	Computer Programmers	3,866	3,986	120	3.10%	60	100	160	3	3	6
15-1132	Software Developers, Applications	2,130	2,278	148	6.95%	74	22	96	3	3	6
15-1133	Software Developers, Systems Software	899	953	54	6.01%	27	10	37	3	3	6
15-1134	Web Developers	630	654	24	3.81%	12	8	20	4	3	6
15-1141	Database Administrators	1,145	1,218	73	6.38%	36	16	52	3	2	6
15-1142	Network and Computer Systems Administrators	2,477	2,553	76	3.07%	38	34	72	3	3	6
15-1143	Computer Network Architects	1,217	1,262	45	3.70%	22	17	39	3	1	6
15-1151	Computer User Support Specialists	3,414	3,554	140	4.10%	70	47	117	6	3	4

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15-1152	Computer Network Support Specialists	848	854	6	0.71%	3	12	15	4	3	6
15-1199	Computer Occupations, All Other	431	436	5	1.16%	2	6	8	3	3	6
15-2000	<i>Mathematical Science Occupations</i>	512	542	30	5.86%	15	11	26			
15-2031	Operations Research Analysts	348	371	23	6.61%	12	7	19	3	3	6
15-2041	Statisticians	131	136	5	3.82%	2	4	6	2	3	6
17-0000	ARCHITECTURE AND ENGINEERING OCCUPATIONS	11,529	11,651	122	1.06%	68	260	328			
17-1000	<i>Architects, Surveyors, and Cartographers</i>	1,192	1,211	19	1.59%	10	24	34			
17-1011	Architects, Except Landscape and Naval	610	623	13	2.13%	6	14	20	3	3	2
17-1012	Landscape Architects	58	59	1	1.72%	0	2	2	3	3	2
17-1021	Cartographers and Photogrammetrists	94	95	1	1.06%	0	2	2	3	3	6
17-1022	Surveyors	430	434	4	0.93%	2	6	8	3	2	6
17-2000	<i>Engineers</i>	6,724	6,805	81	1.20%	44	172	216			
17-2011	Aerospace Engineers	215	214	-1	-0.47%	0	4	4	3	3	6
17-2031	Biomedical Engineers	24	25	1	4.17%	0	0	0	3	3	6
17-2041	Chemical Engineers	250	252	2	0.80%	1	6	7	3	3	6
17-2051	Civil Engineers	1,322	1,353	31	2.34%	16	30	46	3	3	6
17-2061	Computer Hardware Engineers	122	131	9	7.38%	4	2	6	3	3	6
17-2071	Electrical Engineers	708	707	-1	-0.14%	0	15	15	3	3	6
17-2072	Electronics Engineers, Except Computer	280	288	8	2.86%	4	6	10	3	3	6
17-2081	Environmental Engineers	206	211	5	2.43%	2	5	7	3	3	6
17-2111	Health and Safety Engineers, Except Mining Safety Engineers and Inspectors	82	83	1	1.22%	0	2	2	3	3	6

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17-2112	Industrial Engineers	1,658	1,672	14	0.84%	7	47	54	3	3	6
17-2131	Materials Engineers	135	134	-1	-0.74%	0	4	4	3	3	6
17-2141	Mechanical Engineers	1,220	1,235	15	1.23%	8	41	49	3	3	6
17-2151	Mining and Geological Engineers, Including Mining Safety Engineers	31	31	0	0.00%	0	0	0	3	3	6
17-2171	Petroleum Engineers	78	77	-1	-1.28%	0	2	2	3	3	6
17-2199	Engineers, All Other	261	262	1	0.38%	0	4	4	3	3	6
17-3000	<i>Drafters, Engineering Technicians, and Mapping Technicians</i>	3,613	3,635	22	0.61%	14	64	78			
17-3011	Architectural and Civil Drafters	543	540	-3	-0.55%	0	8	8	4	3	6
17-3012	Electrical and Electronics Drafters	151	156	5	3.31%	2	2	4	4	3	6
17-3013	Mechanical Drafters	398	399	1	0.25%	0	6	6	4	3	6
17-3021	Aerospace Engineering and Operations Technicians	43	43	0	0.00%	0	1	1	4	3	6
17-3022	Civil Engineering Technicians	267	267	0	0.00%	0	6	6	4	3	6
17-3023	Electrical and Electronics Engineering Technicians	527	526	-1	-0.19%	0	10	10	4	3	6
17-3025	Environmental Engineering Technicians	281	283	2	0.71%	1	6	7	4	3	6
17-3026	Industrial Engineering Technicians	398	401	3	0.75%	2	8	10	4	3	6
17-3027	Mechanical Engineering Technicians	250	253	3	1.20%	2	5	7	4	3	6
17-3029	Engineering Technicians, Except Drafters, All Other	228	226	-2	-0.88%	0	4	4	4	3	6
17-3031	Surveying and Mapping Technicians	482	492	10	2.07%	5	8	13	7	3	4
19-0000	LIFE, PHYSICAL, AND SOCIAL SCIENCE OCCUPATIONS	7,158	7,237	79	1.10%	53	213	266			

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19-1000	Life Scientists	2,087	2,118	31	1.49%	22	60	82			
19-1011	Animal Scientists	55	56	1	1.82%	0	2	2	1	3	6
19-1012	Food Scientists and Technologists	486	515	29	5.97%	14	16	30	3	3	6
19-1013	Soil and Plant Scientists	118	119	1	0.85%	0	4	4	3	3	6
19-1022	Microbiologists	176	174	-2	-1.14%	0	5	5	3	3	6
19-1023	Zoologists and Wildlife Biologists	173	176	3	1.73%	2	5	7	3	3	6
19-1029	Biological Scientists, All Other	265	262	-3	-1.13%	0	8	8	3	3	6
19-1031	Conservation Scientists	238	235	-3	-1.26%	0	7	7	3	3	6
19-1032	Foresters	244	251	7	2.87%	4	8	12	3	3	6
19-1041	Epidemiologists	42	43	1	2.38%	0	1	1	2	3	6
19-1042	Medical Scientists, Except Epidemiologists	220	216	-4	-1.82%	0	4	4	1	3	6
19-2000	Physical Scientists	961	966	5	0.52%	4	27	31			
19-2021	Atmospheric and Space Scientists	40	40	0	0.00%	0	1	1	3	3	6
19-2031	Chemists	481	483	2	0.42%	1	13	14	3	3	6
19-2041	Environmental Scientists and Specialists, Including Health	270	276	6	2.22%	3	8	11	3	3	6
19-2042	Geoscientists, Except Hydrologists and Geographers	118	117	-1	-0.85%	0	4	4	3	3	6
19-2043	Hydrologists	29	28	-1	-3.45%	0	1	1	2	3	6
19-2099	Physical Scientists, All Other	20	19	-1	-5.00%	0	0	0	3	3	6
19-3000	Social Scientists and Related Workers	1,442	1,457	15	1.04%	10	36	46			
19-3011	Economists	50	50	0	0.00%	0	2	2	2	3	6
19-3022	Survey Researchers	50	48	-2	-4.00%	0	0	0	2	3	6
19-3031	Clinical, Counseling, and School Psychologists	839	851	12	1.43%	6	24	30	1	3	2
19-3039	Psychologists, All Other	88	90	2	2.27%	1	2	3	2	3	2
19-3051	Urban and Regional Planners	102	106	4	3.92%	2	4	6	2	3	6
19-3099	Social Scientists and Related Workers, All Other	242	242	0	0.00%	0	3	3	3	3	6

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19-4000	<i>Life, Physical, and Social Science Technicians</i>	2,668	2,696	28	1.05%	18	91	109			
19-4011	Agricultural and Food Science Technicians	635	650	15	2.36%	8	22	30	4	3	4
19-4021	Biological Technicians	517	516	-1	-0.19%	0	16	16	3	3	6
19-4031	Chemical Technicians	458	454	-4	-0.87%	0	12	12	4	3	4
19-4061	Social Science Research Assistants	111	114	3	2.70%	2	4	6	4	3	6
19-4091	Environmental Science and Protection Technicians, Including Health	194	207	13	6.70%	6	8	14	4	3	6
19-4092	Forensic Science Technicians	142	144	2	1.41%	1	6	7	3	3	4
19-4093	Forest and Conservation Technicians	204	202	-2	-0.98%	0	8	8	4	3	6
19-4099	Life, Physical, and Social Science Technicians, All Other	280	282	2	0.71%	1	11	12	4	3	6
21-0000	COMMUNITY AND SOCIAL SERVICE OCCUPATIONS	25,671	26,330	659	2.57%	330	546	876			
21-1000	<i>Counselors, Social Workers, and Other Community and Social Service Specialists</i>	13,441	13,717	276	2.05%	138	295	433			
21-1011	Substance Abuse and Behavioral Disorder Counselors	496	514	18	3.63%	9	10	19	7	3	4
21-1012	Educational, Guidance, School, and Vocational Counselors	2,153	2,174	21	0.98%	10	44	54	2	3	6
21-1014	Mental Health Counselors	787	813	26	3.30%	13	16	29	2	3	2
21-1015	Rehabilitation Counselors	304	313	9	2.96%	4	6	10	2	3	6
21-1021	Child, Family, and School Social Workers	1,379	1,405	26	1.89%	13	28	41	3	3	6
21-1022	Healthcare Social Workers	1,027	1,041	14	1.36%	7	21	28	2	3	6
21-1023	Mental Health and Substance Abuse Social Workers	720	741	21	2.92%	10	14	24	3	3	6

*For training codes, refer to page 99.

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21-1029	Social Workers, All Other	704	709	5	0.71%	2	14	16	3	3	6
21-1091	Health Educators	407	411	4	0.98%	2	10	12	3	3	6
21-1092	Probation Officers and Correctional Treatment Specialists	946	949	3	0.32%	2	23	25	3	3	5
21-1093	Social and Human Service Assistants	3,597	3,702	105	2.92%	52	87	139	7	3	5
21-1094	Community Health Workers	400	418	18	4.50%	9	10	19	7	3	5
21-1099	Community and Social Service Specialists, All Other	390	395	5	1.28%	2	10	12	2	3	6
21-2000	Religious Workers	12,230	12,613	383	3.13%	192	250	442			
21-2011	Clergy	8,441	8,676	235	2.78%	118	158	276	3	3	4
23-0000	LEGAL OCCUPATIONS	7,443	7,685	242	3.25%	121	110	231			
23-1000	Lawyers, Judges, and Related Workers	4,958	5,109	151	3.05%	76	73	149			
23-1011	Lawyers	3,970	4,107	137	3.45%	68	58	126	1	3	6
23-1012	Judicial Law Clerks	101	103	2	1.98%	1	2	3	1	3	6
23-1021	Administrative Law Judges, Adjudicators, and Hearing Officers	520	527	7	1.35%	4	8	12	1	2	5
23-1022	Arbitrators, Mediators, and Conciliators	28	29	1	3.57%	0	0	0	3	2	4
23-1023	Judges, Magistrate Judges, and Magistrates	339	343	4	1.18%	2	5	7	1	1	5
23-2000	Legal Support Workers	2,485	2,576	91	3.66%	46	36	82			
23-2011	Paralegals and Legal Assistants	1,320	1,385	65	4.92%	32	20	52	4	3	6
23-2091	Court Reporters	205	207	2	0.98%	1	3	4	5	3	5
23-2093	Title Examiners, Abstractors, and Searchers	641	660	19	2.96%	10	10	20	7	3	5
23-2099	Legal Support Workers, All Other	319	324	5	1.57%	2	4	6	7	3	5
25-0000	EDUCATION, TRAINING, AND LIBRARY OCCUPATIONS	74,308	75,025	717	0.96%	388	1,497	1,885			

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25-1000	<i>Postsecondary Teachers</i>	13,222	13,586	364	2.75%	182	182	364			
25-1011	Business Teachers, Postsecondary	834	857	23	2.76%	12	12	24	1	3	6
25-1021	Computer Science Teachers, Postsecondary	311	317	6	1.93%	3	4	7	1	3	6
25-1022	Mathematical Science Teachers, Postsecondary	510	517	7	1.37%	4	7	11	1	3	6
25-1031	Architecture Teachers, Postsecondary	58	60	2	3.45%	1	1	2	1	3	6
25-1032	Engineering Teachers, Postsecondary	254	261	7	2.76%	4	4	8	1	3	6
25-1041	Agricultural Sciences Teachers, Postsecondary	242	247	5	2.07%	2	4	6	1	3	6
25-1042	Biological Science Teachers, Postsecondary	457	468	11	2.41%	6	6	12	1	3	6
25-1051	Atmospheric, Earth, Marine, and Space Sciences Teachers, Postsecondary	80	81	1	1.25%	0	1	1	1	3	6
25-1052	Chemistry Teachers, Postsecondary	233	239	6	2.58%	3	3	6	1	3	6
25-1053	Environmental Science Teachers, Postsecondary	80	80	0	0.00%	0	1	1	1	3	6
25-1054	Physics Teachers, Postsecondary	119	121	2	1.68%	1	2	3	1	3	6
25-1061	Anthropology and Archeology Teachers, Postsecondary	111	114	3	2.70%	2	2	4	1	3	6
25-1063	Economics Teachers, Postsecondary	118	121	3	2.54%	2	2	4	1	3	6
25-1064	Geography Teachers, Postsecondary	40	41	1	2.50%	0	0	0	1	3	6
25-1065	Political Science Teachers, Postsecondary	117	120	3	2.56%	2	2	4	1	3	6
25-1066	Psychology Teachers, Postsecondary	278	283	5	1.80%	2	4	6	1	3	6
25-1067	Sociology Teachers, Postsecondary	166	169	3	1.81%	2	2	4	1	3	6
25-1069	Social Sciences Teachers, Postsecondary, All Other	54	54	0	0.00%	0	0	0	1	3	6

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25-1071	Health Specialties Teachers, Postsecondary	1,355	1,422	67	4.94%	34	18	52	1	2	6
25-1072	Nursing Instructors and Teachers, Postsecondary	638	672	34	5.33%	17	9	26	2	2	6
25-1081	Education Teachers, Postsecondary	784	804	20	2.55%	10	11	21	1	3	6
25-1082	Library Science Teachers, Postsecondary	32	32	0	0.00%	0	0	0	1	3	6
25-1111	Criminal Justice and Law Enforcement Teachers, Postsecondary	116	119	3	2.59%	2	2	4	1	3	6
25-1113	Social Work Teachers, Postsecondary	115	119	4	3.48%	2	2	4	1	3	6
25-1121	Art, Drama, and Music Teachers, Postsecondary	665	685	20	3.01%	10	9	19	2	3	6
25-1122	Communications Teachers, Postsecondary	311	318	7	2.25%	4	4	8	1	3	6
25-1123	English Language and Literature Teachers, Postsecondary	626	636	10	1.60%	5	8	13	1	3	6
25-1124	Foreign Language and Literature Teachers, Postsecondary	241	247	6	2.49%	3	4	7	1	3	6
25-1125	History Teachers, Postsecondary	273	279	6	2.20%	3	4	7	1	3	6
25-1126	Philosophy and Religion Teachers, Postsecondary	191	198	7	3.66%	4	2	6	1	3	6
25-1191	Graduate Teaching Assistants	1,175	1,192	17	1.45%	8	16	24	3	3	6
25-1192	Home Economics Teachers, Postsecondary	76	78	2	2.63%	1	1	2	2	3	6
25-1193	Recreation and Fitness Studies Teachers, Postsecondary	343	351	8	2.33%	4	4	8	1	3	6
25-1194	Vocational Education Teachers, Postsecondary	881	924	43	4.88%	22	12	34	3	2	6
25-1199	Postsecondary Teachers, All Other	1,182	1,199	17	1.44%	8	16	24	1	3	6

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25-2000	<i>Preschool, Primary, Secondary, and Special Education School Teachers</i>	37,375	37,569	194	0.52%	118	866	984			
25-2011	Preschool Teachers, Except Special Education	2,117	2,137	20	0.94%	10	58	68	4	3	6
25-2012	Kindergarten Teachers, Except Special Education	1,957	1,975	18	0.92%	9	54	63	3	3	2
25-2021	Elementary School Teachers, Except Special Education	11,347	11,456	109	0.96%	54	244	298	3	3	2
25-2022	Middle School Teachers, Except Special and Career/Technical Education	6,492	6,554	62	0.96%	31	140	171	3	3	2
25-2023	Career/Technical Education Teachers, Middle School	269	268	-1	-0.37%	0	6	6	3	2	2
25-2031	Secondary School Teachers, Except Special and Career/Technical Education	9,556	9,529	-27	-0.28%	0	260	260	3	3	2
25-2032	Career/Technical Education Teachers, Secondary School	1,100	1,097	-3	-0.27%	0	30	30	3	2	2
25-2051	Special Education Teachers, Preschool	437	449	12	2.75%	6	7	13	3	3	2
25-2052	Special Education Teachers, Kindergarten and Elementary School	1,273	1,274	1	0.08%	0	20	20	3	3	2
25-2053	Special Education Teachers, Middle School	811	808	-3	-0.37%	0	13	13	3	3	2
25-2054	Special Education Teachers, Secondary School	1,238	1,231	-7	-0.57%	0	20	20	3	3	2
25-2059	Special Education Teachers, All Other	778	791	13	1.67%	6	12	18	3	3	2
25-3000	<i>Other Teachers and Instructors</i>	9,604	9,658	54	0.56%	35	155	190			
25-3011	Adult Basic and Secondary Education and Literacy Teachers and Instructors	855	856	1	0.12%	0	14	14	3	3	2
25-3021	Self-Enrichment Education Teachers	965	989	24	2.49%	12	16	28	7	2	6
25-3098	Substitute Teachers	5,694	5,678	-16	-0.28%	0	92	92	3	3	2

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25-3099	Teachers and Instructors, All Other	2,090	2,135	45	2.15%	22	34	56	3	3	2
25-4000	<i>Librarians, Curators, and Archivists</i>	2,611	2,651	40	1.53%	20	92	112			
25-4011	Archivists	80	81	1	1.25%	0	2	2	2	3	6
25-4012	Curators	70	78	8	11.43%	4	2	6	2	3	6
25-4013	Museum Technicians and Conservators	122	133	11	9.02%	6	2	8	3	3	6
25-4021	Librarians	1,447	1,454	7	0.48%	4	34	38	2	3	6
25-4031	Library Technicians	892	905	13	1.46%	6	53	59	5	3	6
25-9000	<i>Other Education, Training, and Library Occupations</i>	11,496	11,561	65	0.57%	34	202	236			
25-9011	Audio-Visual and Multimedia Collections Specialists	145	143	-2	-1.38%	0	0	0	3	2	6
25-9021	Farm and Home Management Advisors	311	318	7	2.25%	4	2	6	2	3	6
25-9031	Instructional Coordinators	1,937	1,962	25	1.29%	12	10	22	2	1	6
25-9041	Teacher Assistants	8,856	8,883	27	0.30%	14	188	202	6	3	6
25-9099	Education, Training, and Library Workers, All Other	247	255	8	3.24%	4	2	6	3	3	6
27-0000	ARTS, DESIGN, ENTERTAINMENT, SPORTS, AND MEDIA OCCUPATIONS	13,316	13,527	211	1.58%	122	300	422			
27-1000	<i>Art and Design Workers</i>	3,840	3,920	80	2.08%	40	99	139			
27-1011	Art Directors	396	399	3	0.76%	2	10	12	3	1	6
27-1012	Craft Artists	26	28	2	7.69%	1	0	1	7	3	3
27-1013	Fine Artists, Including Painters, Sculptors, and Illustrators	136	139	3	2.21%	2	4	6	7	3	3
27-1014	Multimedia Artists and Animators	105	108	3	2.86%	2	2	4	3	3	4
27-1021	Commercial and Industrial Designers	109	110	1	0.92%	0	3	3	3	3	6
27-1023	Floral Designers	542	545	3	0.55%	2	14	16	7	3	4

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27-1024	Graphic Designers	1,761	1,799	38	2.16%	19	46	65	3	3	6
27-1025	Interior Designers	119	120	1	0.84%	0	3	3	3	3	6
27-1026	Merchandise Displayers and Window Trimmers	555	576	21	3.78%	10	14	24	7	3	4
27-2000	Entertainers and Performers, Sports and Related Workers	4,011	4,112	101	2.52%	50	112	162			
27-2012	Producers and Directors	315	316	1	0.32%	0	10	10	3	2	6
27-2021	Athletes and Sports Competitors	135	157	22	16.30%	11	4	15	7	3	3
27-2022	Coaches and Scouts	1,703	1,746	43	2.52%	22	51	73	3	3	6
27-2041	Music Directors and Composers	746	753	7	0.94%	4	19	23	3	2	6
27-2099	Entertainers and Performers, Sports and Related Workers, All Other	42	44	2	4.76%	1	0	1	7	3	6
27-3000	Media and Communication Workers	3,573	3,593	20	0.56%	23	69	92			
27-3011	Radio and Television Announcers	481	475	-6	-1.25%	0	8	8	3	3	6
27-3012	Public Address System and Other Announcers	36	37	1	2.78%	0	0	0	7	3	5
27-3021	Broadcast News Analysts	48	47	-1	-2.08%	0	2	2	3	3	6
27-3022	Reporters and Correspondents	462	446	-16	-3.46%	0	16	16	3	3	6
27-3031	Public Relations Specialists	1,169	1,192	23	1.97%	12	14	26	3	3	6
27-3041	Editors	510	507	-3	-0.59%	0	12	12	3	2	6
27-3042	Technical Writers	139	142	3	2.16%	2	4	6	3	2	5
27-3043	Writers and Authors	534	543	9	1.69%	4	11	15	3	3	4
27-3091	Interpreters and Translators	125	128	3	2.40%	2	1	3	3	3	5
27-3099	Media and Communication Workers, All Other	69	76	7	10.14%	4	0	4	7	3	5
27-4000	Media and Communication Equipment Workers	1,892	1,902	10	0.53%	9	20	29			
27-4011	Audio and Video Equipment Technicians	307	313	6	1.95%	3	5	8	5	3	5

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27-4012	Broadcast Technicians	132	133	1	0.76%	0	2	2	4	3	5
27-4014	Sound Engineering Technicians	63	65	2	3.17%	1	1	2	5	3	5
27-4021	Photographers	984	976	-8	-0.81%	0	9	9	7	3	3
27-4031	Camera Operators, Television, Video, and Motion Picture	251	256	5	1.99%	2	1	3	3	3	6
27-4032	Film and Video Editors	75	79	4	5.33%	2	0	2	3	3	6
27-4099	Media and Communication Equipment Workers, All Other	80	80	0	0.00%	0	1	1	7	3	5
29-0000	HEALTHCARE PRACTITIONERS AND TECHNICAL OCCUPATIONS	73,941	75,356	1,415	1.91%	722	1,379	2,101			
<i>29-1000</i>	<i>Health Diagnosing and Treating Practitioners</i>	<i>42,976</i>	<i>43,679</i>	<i>703</i>	<i>1.64%</i>	<i>360</i>	<i>792</i>	<i>1,152</i>			
29-1011	Chiropractors	428	442	14	3.27%	7	8	15	1	3	6
29-1021	Dentists, General	1,103	1,135	32	2.90%	16	26	42	1	3	6
29-1022	Oral and Maxillofacial Surgeons	77	79	2	2.60%	1	2	3	1	3	2
29-1029	Dentists, All Other Specialists	46	46	0	0.00%	0	1	1	1	3	2
29-1031	Dietitians and Nutritionists	593	600	7	1.18%	4	5	9	3	3	2
29-1041	Optometrists	382	400	18	4.71%	9	12	21	1	3	6
29-1051	Pharmacists	3,010	3,081	71	2.36%	36	70	106	1	3	6
29-1061	Anesthesiologists	109	111	2	1.83%	1	2	3	1	3	2
29-1062	Family and General Practitioners	1,749	1,779	30	1.72%	15	42	57	1	3	2
29-1063	Internists, General	305	310	5	1.64%	2	7	9	1	3	2
29-1064	Obstetricians and Gynecologists	212	218	6	2.83%	3	5	8	1	3	2
29-1065	Pediatricians, General	203	208	5	2.46%	2	5	7	1	3	2
29-1067	Surgeons	393	407	14	3.56%	7	10	17	1	3	2
29-1069	Physicians and Surgeons, All Other	2,719	2,766	47	1.73%	24	64	88	1	3	2
29-1071	Physician Assistants	180	192	12	6.67%	6	2	8	2	3	6
29-1081	Podiatrists	45	46	1	2.22%	0	1	1	1	3	2

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29-1122	Occupational Therapists	1,061	1,103	42	3.96%	21	8	29	2	3	6
29-1123	Physical Therapists	1,750	1,844	94	5.37%	47	42	89	1	3	6
29-1124	Radiation Therapists	210	219	9	4.29%	4	4	8	4	3	6
29-1125	Recreational Therapists	121	120	-1	-0.83%	0	2	2	3	3	6
29-1126	Respiratory Therapists	1,119	1,115	-4	-0.36%	0	12	12	4	3	6
29-1127	Speech-Language Pathologists	1,764	1,817	53	3.00%	26	23	49	2	3	6
29-1128	Exercise Physiologists	45	47	2	4.44%	1	0	1	3	3	6
29-1129	Therapists, All Other	112	115	3	2.68%	2	1	3	3	3	6
29-1131	Veterinarians	586	573	-13	-2.22%	0	18	18	1	3	6
29-1141	Registered Nurses	22,789	22,972	183	0.80%	92	386	478	4	3	6
29-1151	Nurse Anesthetists	349	363	14	4.01%	7	6	13	2	3	6
29-1171	Nurse Practitioners	1,004	1,048	44	4.38%	22	17	39	2	3	6
29-1181	Audiologists	57	60	3	5.26%	2	1	3	1	3	6
29-1199	Health Diagnosing and Treating Practitioners, All Other	196	196	0	0.00%	0	4	4	2	3	6
29-2000	Health Technologists and Technicians	29,596	30,285	689	2.33%	350	556	906			
29-2011	Medical and Clinical Laboratory Technologists	1,121	1,112	-9	-0.80%	0	28	28	3	3	6
29-2012	Medical and Clinical Laboratory Technicians	1,422	1,457	35	2.46%	18	35	53	4	3	6
29-2021	Dental Hygienists	1,365	1,427	62	4.54%	31	30	61	4	3	6
29-2031	Cardiovascular Technologists and Technicians	453	461	8	1.77%	4	5	9	4	3	6
29-2032	Diagnostic Medical Sonographers	444	468	24	5.41%	12	5	17	4	3	6
29-2033	Nuclear Medicine Technologists	148	150	2	1.35%	1	2	3	4	3	6
29-2034	Radiologic Technologists	1,821	1,841	20	1.10%	10	20	30	4	3	6
29-2035	Magnetic Resonance Imaging Technologists	281	288	7	2.49%	4	3	7	4	2	6
29-2041	Emergency Medical Technicians and Paramedics	2,173	2,242	69	3.18%	34	54	88	5	3	6
29-2051	Dietetic Technicians	228	230	2	0.88%	1	2	3	4	3	6

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29-2052	Pharmacy Technicians	3,398	3,533	135	3.97%	68	27	95	7	3	4
29-2053	Psychiatric Technicians	541	543	2	0.37%	1	4	5	5	3	5
29-2054	Respiratory Therapy Technicians	243	244	1	0.41%	0	2	2	4	3	4
29-2055	Surgical Technologists	898	916	18	2.00%	9	7	16	5	3	6
29-2056	Veterinary Technologists and Technicians	267	265	-2	-0.75%	0	2	2	4	3	6
29-2057	Ophthalmic Medical Technicians	259	269	10	3.86%	5	2	7	5	3	6
29-2061	Licensed Practical and Licensed Vocational Nurses	11,721	11,961	240	2.05%	120	272	392	5	3	6
29-2071	Medical Records and Health Information Technicians	1,568	1,595	27	1.72%	14	39	53	5	3	6
29-2081	Opticians, Dispensing	444	463	19	4.28%	10	12	22	7	3	3
29-2099	Health Technologists and Technicians, All Other	660	669	9	1.36%	4	5	9	7	3	6
29-9000	<i>Other Healthcare Practitioners and Technical Occupations</i>	1,369	1,392	23	1.68%	12	30	42			
29-9011	Occupational Health and Safety Specialists	707	712	5	0.71%	2	16	18	3	3	5
29-9091	Athletic Trainers	292	310	18	6.16%	9	6	15	3	3	6
29-9099	Healthcare Practitioners and Technical Workers, All Other	259	259	0	0.00%	0	6	6	3	3	6
31-0000	HEALTHCARE SUPPORT OCCUPATIONS	37,774	38,480	706	1.87%	371	662	1,033			
31-1000	<i>Nursing, Psychiatric, and Home Health Aides</i>	27,047	27,446	399	1.48%	200	474	674			
31-1011	Home Health Aides	7,974	8,285	311	3.90%	156	140	296	8	3	5
31-1014	Nursing Assistants	18,480	18,558	78	0.42%	39	324	363	5	3	6
31-2000	<i>Occupational Therapy and Physical Therapist Assistants and Aides</i>	1,503	1,589	86	5.72%	43	30	73			
31-2011	Occupational Therapy Assistants	181	195	14	7.73%	7	4	11	4	3	6

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31-2012	Occupational Therapy Aides	42	44	2	4.76%	1	1	2	7	3	5
31-2021	Physical Therapist Assistants	921	970	49	5.32%	24	18	42	4	3	6
31-2022	Physical Therapist Aides	359	380	21	5.85%	10	7	17	7	3	5
31-9000	<i>Other Healthcare Support Occupations</i>	9,224	9,445	221	2.40%	128	158	286			
31-9011	Massage Therapists	566	583	17	3.00%	8	4	12	5	3	6
31-9091	Dental Assistants	2,423	2,501	78	3.22%	39	46	85	5	3	6
31-9092	Medical Assistants	2,313	2,407	94	4.06%	47	40	87	5	3	6
31-9094	Medical Transcriptionists	681	677	-4	-0.59%	0	12	12	5	3	6
31-9095	Pharmacy Aides	571	587	16	2.80%	8	10	18	7	3	5
31-9096	Veterinary Assistants and Laboratory Animal Caretakers	698	666	-32	-4.58%	0	12	12	7	3	5
31-9097	Phlebotomists	1,114	1,152	38	3.41%	19	19	38	5	3	6
33-0000	PROTECTIVE SERVICE OCCUPATIONS	24,265	24,669	404	1.66%	203	674	877			
33-1000	<i>Supervisors of Protective Service Workers</i>	2,141	2,175	34	1.59%	17	66	83			
33-1011	First-Line Supervisors of Correctional Officers	266	269	3	1.13%	2	8	10	7	2	4
33-1012	First-Line Supervisors of Police and Detectives	1,031	1,043	12	1.16%	6	32	38	7	2	4
33-1021	First-Line Supervisors of Fire Fighting and Prevention Workers	528	536	8	1.52%	4	20	24	5	2	4
33-1099	First-Line Supervisors of Protective Service Workers, All Other	316	327	11	3.48%	6	7	13	7	2	6
33-2000	<i>Fire Fighting and Prevention Workers</i>	2,837	2,878	41	1.45%	20	73	93			
33-2011	Firefighters	2,636	2,675	39	1.48%	20	68	88	5	3	3
33-2021	Fire Inspectors and Investigators	31	31	0	0.00%	0	1	1	7	1	4
33-2022	Forest Fire Inspectors and Prevention Specialists	170	172	2	1.18%	1	4	5	7	2	4

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33-3000	<i>Law Enforcement Workers</i>	11,976	12,128	152	1.27%	76	332	408			
33-3011	Bailiffs	114	115	1	0.88%	0	3	3	7	3	4
33-3012	Correctional Officers and Jailers	5,380	5,444	64	1.19%	32	138	170	7	3	4
33-3021	Detectives and Criminal Investigators	558	565	7	1.25%	4	10	14	7	2	4
33-3031	Fish and Game Wardens	187	189	2	1.07%	1	5	6	7	3	5
33-3051	Police and Sheriff's Patrol Officers	5,639	5,714	75	1.33%	38	173	211	7	3	4
33-9000	<i>Other Protective Service Workers</i>	7,311	7,488	177	2.42%	90	202	292			
33-9011	Animal Control Workers	171	174	3	1.75%	2	4	6	7	3	4
33-9021	Private Detectives and Investigators	158	163	5	3.16%	2	4	6	7	2	4
33-9032	Security Guards	5,595	5,740	145	2.59%	72	79	151	7	3	5
33-9092	Lifeguards, Ski Patrol, and Other Recreational Protective Service Workers	413	423	10	2.42%	5	44	49	7	3	5
33-9093	Transportation Security Screeners	180	184	4	2.22%	2	5	7	7	3	5
33-9099	Protective Service Workers, All Other	602	606	4	0.66%	2	64	66	7	3	5
35-0000	FOOD PREPARATION AND SERVING RELATED OCCUPATIONS	98,490	102,556	4,066	4.13%	2,033	3,954	5,987			
35-1000	<i>Supervisors of Food Preparation and Serving Workers</i>	9,255	9,684	429	4.64%	214	266	480			
35-1011	Chefs and Head Cooks	711	735	24	3.38%	12	10	22	7	1	6
35-1012	First-Line Supervisors of Food Preparation and Serving Workers	8,544	8,949	405	4.74%	202	256	458	7	2	6
35-2000	<i>Cooks and Food Preparation Workers</i>	34,059	35,146	1,087	3.19%	544	760	1,304			
35-2011	Cooks, Fast Food	10,707	11,028	321	3.00%	160	214	374	8	3	5

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35-2012	Cooks, Institution and Cafeteria	6,631	6,699	68	1.03%	34	132	166	8	3	5
35-2014	Cooks, Restaurant	8,784	9,321	537	6.11%	268	176	444	8	2	4
35-2015	Cooks, Short Order	1,174	1,180	6	0.51%	3	24	27	8	3	5
35-2021	Food Preparation Workers	6,527	6,675	148	2.27%	74	211	285	8	3	5
35-3000	<i>Food and Beverage Serving Workers</i>	48,711	51,015	2,304	4.73%	1,152	2,452	3,604			
35-3011	Bartenders	1,675	1,699	24	1.43%	12	61	73	8	3	5
35-3021	Combined Food Preparation and Serving Workers, Including Fast Food	23,584	24,954	1,370	5.81%	685	1,130	1,815	8	3	5
35-3022	Counter Attendants, Cafeteria, Food Concession, and Coffee Shop	2,167	2,216	49	2.26%	24	208	232	8	3	5
35-3031	Waiters and Waitresses	19,042	19,834	792	4.16%	396	987	1,383	8	3	5
35-3041	Food Servers, Nonrestaurant	2,243	2,312	69	3.08%	34	66	100	8	3	5
35-9000	<i>Other Food Preparation and Serving Related Workers</i>	6,465	6,711	246	3.81%	123	476	599			
35-9011	Dining Room and Cafeteria Attendants and Bartender Helpers	1,063	1,099	36	3.39%	18	60	78	8	3	5
35-9021	Dishwashers	3,247	3,373	126	3.88%	63	186	249	8	3	5
35-9031	Hosts and Hostesses, Restaurant, Lounge, and Coffee Shop	2,110	2,193	83	3.93%	42	226	268	8	3	6
35-9099	Food Preparation and Serving Related Workers, All Other	45	46	1	2.22%	0	3	3	8	3	5
37-0000	BUILDING AND GROUNDS CLEANING AND MAINTENANCE OCCUPATIONS	41,486	42,945	1,459	3.52%	730	778	1,508			
37-1000	<i>Supervisors of Building and Grounds Cleaning and Maintenance Workers</i>	4,212	4,350	138	3.28%	69	64	133			

*For training codes, refer to page 99.

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SOC Code	SOC Title	Estimated Employment 2014	Projected Employment 2016	Net Growth	Percent Growth	Annual Openings due to Growth	Annual Openings due to Replacement	Total Annual Openings	Education / Training Codes for Education	Education / Training Codes for Work Experience	Education / Training Codes for Training
37-1011	First-Line Supervisors of Housekeeping and Janitorial Workers	2,224	2,293	69	3.10%	34	46	80	7	2	6
37-1012	First-Line Supervisors of Landscaping, Lawn Service, and Groundskeeping Workers	1,988	2,057	69	3.47%	34	18	52	7	2	6
37-2000	<i>Building Cleaning and Pest Control Workers</i>	29,885	30,897	1,012	3.39%	506	528	1,034			
37-2011	Janitors and Cleaners, Except Maids and Housekeeping Cleaners	19,055	19,769	714	3.75%	357	322	679	8	3	5
37-2012	Maids and Housekeeping Cleaners	9,799	10,021	222	2.27%	111	178	289	8	3	5
37-3000	<i>Grounds Maintenance Workers</i>	7,389	7,698	309	4.18%	154	186	340			
37-3011	Landscaping and Groundskeeping Workers	6,037	6,282	245	4.06%	122	152	274	8	3	5
37-3012	Pesticide Handlers, Sprayers, and Applicators, Vegetation	404	426	22	5.45%	11	10	21	7	3	4
37-3013	Tree Trimmers and Pruners	805	844	39	4.84%	20	20	40	7	3	5
37-3019	Grounds Maintenance Workers, All Other	143	146	3	2.10%	2	4	6	8	3	5
39-0000	PERSONAL CARE AND SERVICE OCCUPATIONS	43,750	45,225	1,475	3.37%	760	822	1,582			
39-1000	<i>Supervisors of Personal Care and Service Workers</i>	2,001	2,047	46	2.30%	23	32	55			
39-1011	Gaming Supervisors	73	81	8	10.96%	4	2	6	7	2	6
39-1021	First-Line Supervisors of Personal Service Workers	1,928	1,966	38	1.97%	19	31	50	7	2	6
39-2000	<i>Animal Care and Service Workers</i>	2,118	2,178	60	2.83%	30	36	66			
39-2011	Animal Trainers	423	438	15	3.55%	8	16	24	7	3	4
39-2021	Nonfarm Animal Caretakers	1,695	1,740	45	2.65%	22	19	41	8	3	5
39-3000	<i>Entertainment Attendants and Related Workers</i>	1,800	1,882	82	4.56%	45	112	157			

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39-3021	Motion Picture Projectionists	112	104	-8	-7.14%	0	6	6	8	3	5
39-3031	Ushers, Lobby Attendants, and Ticket Takers	415	419	4	0.96%	2	31	33	8	3	5
39-3091	Amusement and Recreation Attendants	977	1,031	54	5.53%	27	62	89	8	3	5
39-3093	Locker Room, Coatroom, and Dressing Room Attendants	85	90	5	5.88%	2	6	8	7	3	5
39-4000	Funeral Service Workers	763	732	-31	-4.06%	0	16	16			
39-4011	Embalmers	102	94	-8	-7.84%	0	2	2	5	3	5
39-4021	Funeral Attendants	351	336	-15	-4.27%	0	8	8	7	3	5
39-4031	Morticians, Undertakers, and Funeral Directors	310	302	-8	-2.58%	0	7	7	4	3	3
39-5000	Personal Appearance Workers	3,118	3,116	-2	-0.06%	2	67	69			
39-5011	Barbers	97	97	0	0.00%	0	2	2	5	3	6
39-5012	Hairdressers, Hairstylists, and Cosmetologists	2,744	2,737	-7	-0.26%	0	62	62	5	3	6
39-5094	Skincare Specialists	118	122	4	3.39%	2	1	3	5	3	6
39-6000	Baggage Porters, Bellhops, and Concierges	201	210	9	4.48%	4	5	9			
39-6011	Baggage Porters and Bellhops	166	173	7	4.22%	4	4	8	7	3	5
39-6012	Concierges	35	37	2	5.71%	1	1	2	7	3	4
39-7000	Tour and Travel Guides	200	213	13	6.50%	6	10	16			
39-9000	Other Personal Care and Service Workers	33,549	34,847	1,298	3.87%	649	544	1,193			
39-9011	Childcare Workers	12,423	12,608	185	1.49%	92	374	466	7	3	5
39-9021	Personal Care Aides	16,779	17,760	981	5.85%	490	92	582	8	3	5
39-9031	Fitness Trainers and Aerobics Instructors	1,129	1,191	62	5.49%	31	12	43	7	3	5
39-9032	Recreation Workers	2,114	2,150	36	1.70%	18	24	42	3	3	6
39-9041	Residential Advisors	668	686	18	2.69%	9	30	39	7	3	5
39-9099	Personal Care and Service Workers, All Other	436	452	16	3.67%	8	12	20	7	3	5

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41-0000	SALES AND RELATED OCCUPATIONS	128,052	131,952	3,900	3.05%	1,986	4,296	6,282			
<i>41-1000</i>	<i>Supervisors of Sales Workers</i>	<i>19,830</i>	<i>20,404</i>	<i>574</i>	<i>2.89%</i>	<i>287</i>	<i>396</i>	<i>683</i>			
41-1011	First-Line Supervisors of Retail Sales Workers	16,939	17,451	512	3.02%	256	359	615	7	2	6
41-1012	First-Line Supervisors of Non-Retail Sales Workers	2,891	2,953	62	2.14%	31	38	69	7	2	6
<i>41-2000</i>	<i>Retail Sales Workers</i>	<i>75,170</i>	<i>77,562</i>	<i>2,392</i>	<i>3.18%</i>	<i>1,196</i>	<i>3,206</i>	<i>4,402</i>			
41-2011	Cashiers	29,950	30,850	900	3.01%	450	1,610	2,060	8	3	5
41-2022	Parts Salespersons	3,436	3,496	60	1.75%	30	80	110	8	3	4
41-2031	Retail Salespersons	38,372	39,713	1,341	3.49%	670	1,412	2,082	8	3	5
<i>41-3000</i>	<i>Sales Representatives, Services</i>	<i>12,497</i>	<i>12,880</i>	<i>383</i>	<i>3.06%</i>	<i>192</i>	<i>311</i>	<i>503</i>			
41-3011	Advertising Sales Agents	1,595	1,647	52	3.26%	26	46	72	7	3	4
41-3021	Insurance Sales Agents	5,464	5,585	121	2.21%	60	126	186	7	3	4
41-3031	Securities, Commodities, and Financial Services Sales Agents	1,098	1,136	38	3.46%	19	26	45	3	3	4
41-3041	Travel Agents	170	172	2	1.18%	1	2	3	7	3	4
41-3099	Sales Representatives, Services, All Other	4,170	4,340	170	4.08%	85	111	196	7	3	5
<i>41-4000</i>	<i>Sales Representatives, Wholesale and Manufacturing</i>	<i>15,374</i>	<i>15,850</i>	<i>476</i>	<i>3.10%</i>	<i>238</i>	<i>298</i>	<i>536</i>			
<i>41-9000</i>	<i>Other Sales and Related Workers</i>	<i>5,181</i>	<i>5,256</i>	<i>75</i>	<i>1.45%</i>	<i>73</i>	<i>85</i>	<i>158</i>			
41-9021	Real Estate Brokers	237	251	14	5.91%	7	2	9	7	2	6
41-9022	Real Estate Sales Agents	1,662	1,735	73	4.39%	36	16	52	7	3	3
41-9031	Sales Engineers	211	221	10	4.74%	5	4	9	3	3	4
41-9041	Telemarketers	1,766	1,697	-69	-3.91%	0	41	41	8	3	5
41-9091	Door-to-Door Sales Workers, News and Street Vendors, and Related Workers	384	382	-2	-0.52%	0	4	4	7	3	5

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41-9099	Sales and Related Workers, All Other	763	801	38	4.98%	19	14	33	7	3	6
43-0000	OFFICE AND ADMINISTRATIVE SUPPORT OCCUPATIONS	188,024	191,229	3,205	1.70%	1,798	4,191	5,989			
43-1000	<i>Supervisors of Office and Administrative Support Workers</i>	14,063	14,422	359	2.55%	180	328	508			
43-1011	First-Line Supervisors of Office and Administrative Support Workers	14,063	14,422	359	2.55%	180	328	508	7	2	6
43-2000	<i>Communications Equipment Operators</i>	963	934	-29	-3.01%	0	16	16			
43-3000	<i>Financial Clerks</i>	27,472	27,993	521	1.90%	318	616	934			
43-3011	Bill and Account Collectors	1,954	2,016	62	3.17%	31	54	85	7	3	4
43-3021	Billing and Posting Clerks	3,810	3,926	116	3.04%	58	62	120	7	3	5
43-3031	Bookkeeping, Accounting, and Auditing Clerks	13,045	13,449	404	3.10%	202	120	322	7	3	4
43-3051	Payroll and Timekeeping Clerks	1,491	1,531	40	2.68%	20	31	51	7	3	4
43-3061	Procurement Clerks	642	649	7	1.09%	4	13	17	7	3	4
43-3071	Tellers	6,393	6,277	-116	-1.81%	0	334	334	7	3	5
43-4000	<i>Information and Record Clerks</i>	42,643	43,521	878	2.06%	468	1,114	1,582			
43-4011	Brokerage Clerks	227	233	6	2.64%	3	6	9	7	3	4
43-4021	Correspondence Clerks	50	52	2	4.00%	1	2	3	7	3	5
43-4031	Court, Municipal, and License Clerks	1,189	1,217	28	2.35%	14	17	31	7	3	4
43-4041	Credit Authorizers, Checkers, and Clerks	189	191	2	1.06%	1	2	3	7	3	5
43-4051	Customer Service Representatives	19,116	19,630	514	2.69%	257	502	759	7	3	5
43-4061	Eligibility Interviewers, Government Programs	1,862	1,939	77	4.14%	38	34	72	7	3	4

*For training codes, refer to page 99.

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43-4071	File Clerks	1,026	1,011	-15	-1.46%	0	24	24	7	3	5
43-4081	Hotel, Motel, and Resort Desk Clerks	2,417	2,473	56	2.32%	28	118	146	7	3	5
43-4111	Interviewers, Except Eligibility and Loan	1,075	1,064	-11	-1.02%	0	20	20	7	3	5
43-4121	Library Assistants, Clerical	820	842	22	2.68%	11	38	49	7	3	5
43-4131	Loan Interviewers and Clerks	1,566	1,591	25	1.60%	12	11	23	7	3	5
43-4141	New Accounts Clerks	1,197	1,190	-7	-0.58%	0	31	31	7	3	4
43-4151	Order Clerks	1,318	1,323	5	0.38%	2	34	36	7	3	5
43-4161	Human Resources Assistants, Except Payroll and Timekeeping	1,492	1,505	13	0.87%	6	34	40	7	3	5
43-4171	Receptionists and Information Clerks	7,743	7,923	180	2.32%	90	219	309	7	3	5
43-4181	Reservation and Transportation Ticket Agents and Travel Clerks	399	404	5	1.25%	2	6	8	7	3	5
43-4199	Information and Record Clerks, All Other	957	933	-24	-2.51%	0	18	18	7	3	5
43-5000	<i>Material Recording, Scheduling, Dispatching, and Distributing Workers</i>	34,014	34,406	392	1.15%	241	964	1,205			
43-5021	Couriers and Messengers	659	659	0	0.00%	0	8	8	7	3	5
43-5031	Police, Fire, and Ambulance Dispatchers	1,363	1,383	20	1.47%	10	38	48	7	3	4
43-5032	Dispatchers, Except Police, Fire, and Ambulance	1,574	1,614	40	2.54%	20	43	63	7	3	4
43-5051	Postal Service Clerks	957	933	-24	-2.51%	0	14	14	7	3	5
43-5052	Postal Service Mail Carriers	2,874	2,840	-34	-1.18%	0	96	96	7	3	5
43-5053	Postal Service Mail Sorters, Processors, and Processing Machine Operators	693	680	-13	-1.88%	0	6	6	7	3	5
43-5061	Production, Planning, and Expediting Clerks	2,187	2,225	38	1.74%	19	53	72	7	3	4
43-5071	Shipping, Receiving, and Traffic Clerks	4,845	4,918	73	1.51%	36	126	162	7	3	5
43-5081	Stock Clerks and Order Fillers	16,342	16,600	258	1.58%	129	521	650	8	3	5

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43-5111	Weighers, Measurers, Checkers, and Samplers, Recordkeeping	1,219	1,236	17	1.39%	8	23	31	7	3	5
43-6000	Secretaries and Administrative Assistants	31,089	31,746	657	2.11%	332	370	702			
43-6011	Executive Secretaries and Executive Administrative Assistants	4,628	4,622	-6	-0.13%	0	55	55	7	2	6
43-6012	Legal Secretaries	1,529	1,554	25	1.64%	12	18	30	7	3	4
43-6013	Medical Secretaries	2,749	2,846	97	3.53%	48	32	80	7	3	4
43-6014	Secretaries and Administrative Assistants, Except Legal, Medical, and Executive	22,183	22,724	541	2.44%	270	264	534	7	3	5
43-9000	Other Office and Administrative Support Workers	37,780	38,207	427	1.13%	260	782	1,042			
43-9011	Computer Operators	999	990	-9	-0.90%	0	11	11	7	3	4
43-9021	Data Entry Keyers	1,586	1,527	-59	-3.72%	0	22	22	7	3	4
43-9022	Word Processors and Typists	152	144	-8	-5.26%	0	0	0	7	3	5
43-9041	Insurance Claims and Policy Processing Clerks	1,307	1,347	40	3.06%	20	34	54	7	3	4
43-9051	Mail Clerks and Mail Machine Operators, Except Postal Service	484	479	-5	-1.03%	0	12	12	7	3	5
43-9061	Office Clerks, General	29,987	30,417	430	1.43%	215	616	831	7	3	5
43-9071	Office Machine Operators, Except Computer	530	524	-6	-1.13%	0	12	12	7	3	5
43-9081	Proofreaders and Copy Markers	102	100	-2	-1.96%	0	2	2	3	3	6
43-9199	Office and Administrative Support Workers, All Other	2,515	2,566	51	2.03%	26	70	96	7	3	5
45-0000	FARMING, FISHING, AND FORESTRY OCCUPATIONS	10,248	10,427	179	1.75%	103	264	367			

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45-1000	<i>Supervisors of Farming, Fishing, and Forestry Workers</i>	484	488	4	0.83%	2	10	12			
45-1011	First-Line Supervisors of Farming, Fishing, and Forestry Workers	484	488	4	0.83%	2	10	12	7	2	6
45-2000	<i>Agricultural Workers</i>	7,970	8,133	163	2.05%	82	224	306			
45-2011	Agricultural Inspectors	436	435	-1	-0.23%	0	13	13	3	3	4
45-2041	Graders and Sorters, Agricultural Products	1,464	1,493	29	1.98%	14	22	36	8	3	5
45-2091	Agricultural Equipment Operators	624	640	16	2.56%	8	20	28	8	3	5
45-2092	Farmworkers and Laborers, Crop, Nursery, and Greenhouse	4,727	4,833	106	2.24%	53	148	201	8	3	5
45-2093	Farmworkers, Farm, Ranch, and Aquacultural Animals	532	539	7	1.32%	4	16	20	8	3	5
45-3000	<i>Fishing and Hunting Workers</i>	27	27	0	0.00%	0	0	0			
45-4000	<i>Forest, Conservation, and Logging Workers</i>	1,767	1,779	12	0.68%	19	28	47			
45-4021	Fallers	409	389	-20	-4.89%	0	6	6	7	3	4
45-4022	Logging Equipment Operators	1,023	1,061	38	3.71%	19	16	35	7	3	4
45-4023	Log Graders and Scalers	168	162	-6	-3.57%	0	2	2	7	3	4
47-0000	CONSTRUCTION AND EXTRACTION OCCUPATIONS	50,560	51,466	906	1.79%	545	874	1,419			
47-1000	<i>Supervisors of Construction and Extraction Workers</i>	5,631	5,761	130	2.31%	65	66	131			
47-1011	First-Line Supervisors of Construction Trades and Extraction Workers	5,631	5,761	130	2.31%	65	66	131	7	1	6
47-2000	<i>Construction Trades Workers</i>	36,305	37,071	766	2.11%	391	640	1,031			

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47-2011	Boilermakers	33	33	0	0.00%	0	2	2	7	3	1
47-2021	Brickmasons and Blockmasons	515	555	40	7.77%	20	6	26	7	3	1
47-2022	Stonemasons	99	104	5	5.05%	2	1	3	7	3	1
47-2031	Carpenters	5,161	5,373	212	4.11%	106	64	170	7	3	1
47-2041	Carpet Installers	113	114	1	0.88%	0	2	2	8	3	5
47-2043	Floor Sanders and Finishers	72	73	1	1.39%	0	2	2	7	3	4
47-2044	Tile and Marble Setters	175	179	4	2.29%	2	3	5	8	3	3
47-2051	Cement Masons and Concrete Finishers	954	982	28	2.94%	14	12	26	8	3	4
47-2061	Construction Laborers	9,160	9,359	199	2.17%	100	192	292	8	3	5
47-2071	Paving, Surfacing, and Tamping Equipment Operators	1,008	1,008	0	0.00%	0	15	15	7	3	4
47-2073	Operating Engineers and Other Construction Equipment Operators	3,899	3,884	-15	-0.38%	0	82	82	7	3	4
47-2081	Drywall and Ceiling Tile Installers	494	503	9	1.82%	4	5	9	8	3	4
47-2082	Tapers	49	50	1	2.04%	0	0	0	8	3	4
47-2111	Electricians	5,316	5,388	72	1.35%	36	98	134	7	3	1
47-2121	Glaziers	354	370	16	4.52%	8	8	16	7	3	1
47-2131	Insulation Workers, Floor, Ceiling, and Wall	198	204	6	3.03%	3	3	6	8	3	5
47-2132	Insulation Workers, Mechanical	141	148	7	4.96%	4	2	6	7	3	1
47-2141	Painters, Construction and Maintenance	1,607	1,641	34	2.12%	17	24	41	8	3	4
47-2151	Pipelayers	374	373	-1	-0.27%	0	5	5	8	3	5
47-2152	Plumbers, Pipefitters, and Steamfitters	3,390	3,449	59	1.74%	30	44	74	7	3	1
47-2161	Plasterers and Stucco Masons	45	47	2	4.44%	1	0	1	8	3	3
47-2171	Reinforcing Iron and Rebar Workers	69	72	3	4.35%	2	1	3	7	3	1
47-2181	Roofers	860	884	24	2.79%	12	18	30	8	3	4

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47-2211	Sheet Metal Workers	1,392	1,418	26	1.87%	13	24	37	7	3	1
47-2221	Structural Iron and Steel Workers	736	766	30	4.08%	15	24	39	7	3	1
47-3000	Helpers, Construction Trades	2,585	2,686	101	3.91%	50	50	100			
47-3011	Helpers--Brickmasons, Blockmasons, Stonemasons, and Tile and Marble Setters	387	421	34	8.79%	17	8	25	8	3	5
47-3012	Helpers--Carpenters	507	529	22	4.34%	11	10	21	8	3	5
47-3013	Helpers--Electricians	664	688	24	3.61%	12	13	25	7	3	5
47-3014	Helpers--Painters, Paperhangers, Plasterers, and Stucco Masons	137	138	1	0.73%	0	2	2	8	3	5
47-3015	Helpers--Pipelayers, Plumbers, Pipefitters, and Steamfitters	422	431	9	2.13%	4	8	12	7	3	5
47-3016	Helpers--Roofers	206	214	8	3.88%	4	4	8	8	3	5
47-3019	Helpers, Construction Trades, All Other	262	265	3	1.15%	2	5	7	8	3	5
47-4000	Other Construction and Related Workers	3,571	3,644	73	2.04%	38	54	92			
47-4011	Construction and Building Inspectors	706	717	11	1.56%	6	14	20	7	1	4
47-4031	Fence Erectors	180	177	-3	-1.67%	0	4	4	7	3	4
47-4041	Hazardous Materials Removal Workers	202	209	7	3.47%	4	4	8	7	3	4
47-4051	Highway Maintenance Workers	1,791	1,822	31	1.73%	16	21	37	7	3	4
47-4071	Septic Tank Servicers and Sewer Pipe Cleaners	195	214	19	9.74%	10	4	14	8	3	4
47-4099	Construction and Related Workers, All Other	340	345	5	1.47%	2	5	7	7	3	4
47-5000	Extraction Workers	2,468	2,304	-164	-6.65%	0	64	64			
47-5011	Derrick Operators, Oil and Gas	263	238	-25	-9.51%	0	10	10	8	3	5
47-5012	Rotary Drill Operators, Oil and Gas	146	132	-14	-9.59%	0	6	6	8	3	4

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47-5013	Service Unit Operators, Oil, Gas, and Mining	438	402	-36	-8.22%	0	17	17	8	3	4
47-5021	Earth Drillers, Except Oil and Gas	222	213	-9	-4.05%	0	4	4	7	3	4
47-5031	Explosives Workers, Ordnance Handling Experts, and Blasters	229	226	-3	-1.31%	0	5	5	7	2	3
47-5041	Continuous Mining Machine Operators	47	47	0	0.00%	0	0	0	7	3	4
47-5042	Mine Cutting and Channeling Machine Operators	31	30	-1	-3.23%	0	0	0	7	3	4
47-5051	Rock Splitters, Quarry	87	88	1	1.15%	0	1	1	7	3	5
47-5071	Roustabouts, Oil and Gas	556	508	-48	-8.63%	0	12	12	8	3	4
47-5081	Helpers--Extraction Workers	363	337	-26	-7.16%	0	8	8	7	3	4
47-5099	Extraction Workers, All Other	55	52	-3	-5.45%	0	0	0	7	3	4
49-0000	INSTALLATION, MAINTENANCE, AND REPAIR OCCUPATIONS	54,231	55,065	834	1.54%	468	1,232	1,700			
49-1000	<i>Supervisors of Installation, Maintenance, and Repair Workers</i>	4,613	4,653	40	0.87%	20	114	134			
49-1011	First-Line Supervisors of Mechanics, Installers, and Repairers	4,613	4,653	40	0.87%	20	114	134	7	2	6
49-2000	<i>Electrical and Electronic Equipment Mechanics, Installers, and Repairers</i>	4,767	4,758	-9	-0.19%	12	94	106			
49-2011	Computer, Automated Teller, and Office Machine Repairers	1,073	1,074	1	0.09%	0	22	22	6	3	6
49-2022	Telecommunications Equipment Installers and Repairers, Except Line Installers	1,474	1,456	-18	-1.22%	0	24	24	5	3	4
49-2091	Avionics Technicians	172	173	1	0.58%	0	4	4	4	3	6
49-2092	Electric Motor, Power Tool, and Related Repairers	257	252	-5	-1.95%	0	6	6	5	3	3

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49-2094	Electrical and Electronics Repairers, Commercial and Industrial Equipment	474	485	11	2.32%	6	10	16	5	3	3
49-2095	Electrical and Electronics Repairers, Powerhouse, Substation, and Relay	278	271	-7	-2.52%	0	6	6	5	3	3
49-2096	Electronic Equipment Installers and Repairers, Motor Vehicles	102	100	-2	-1.96%	0	1	1	5	3	5
49-2097	Electronic Home Entertainment Equipment Installers and Repairers	271	272	1	0.37%	0	10	10	5	3	6
49-2098	Security and Fire Alarm Systems Installers	380	388	8	2.11%	4	6	10	7	3	4
49-3000	<i>Vehicle and Mobile Equipment Mechanics, Installers, and Repairers</i>	15,970	16,247	277	1.73%	140	388	528			
49-3011	Aircraft Mechanics and Service Technicians	1,039	1,086	47	4.52%	24	25	49	5	3	6
49-3021	Automotive Body and Related Repairers	1,415	1,429	14	0.99%	7	26	33	7	3	4
49-3022	Automotive Glass Installers and Repairers	226	227	1	0.44%	0	6	6	7	3	4
49-3023	Automotive Service Technicians and Mechanics	5,541	5,609	68	1.23%	34	138	172	7	3	3
49-3031	Bus and Truck Mechanics and Diesel Engine Specialists	3,563	3,611	48	1.35%	24	74	98	7	3	3
49-3041	Farm Equipment Mechanics and Service Technicians	793	813	20	2.52%	10	22	32	7	3	3
49-3042	Mobile Heavy Equipment Mechanics, Except Engines	1,234	1,232	-2	-0.16%	0	36	36	7	3	3
49-3043	Rail Car Repairers	259	266	7	2.70%	4	8	12	7	3	3
49-3051	Motorboat Mechanics and Service Technicians	196	211	15	7.65%	8	4	12	7	3	3
49-3052	Motorcycle Mechanics	205	219	14	6.83%	7	4	11	7	3	3
49-3053	Outdoor Power Equipment and Other Small Engine Mechanics	369	381	12	3.25%	6	7	13	7	3	4

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49-3093	Tire Repairers and Changers	867	881	14	1.61%	7	31	38	7	3	5
49-9000	<i>Other Installation, Maintenance, and Repair Occupations</i>	28,881	29,407	526	1.82%	296	636	932			
49-9011	Mechanical Door Repairers	139	145	6	4.32%	3	4	7	7	3	4
49-9012	Control and Valve Installers and Repairers, Except Mechanical Door	772	768	-4	-0.52%	0	22	22	7	3	4
49-9021	Heating, Air Conditioning, and Refrigeration Mechanics and Installers	2,168	2,205	37	1.71%	18	54	72	5	3	3
49-9031	Home Appliance Repairers	216	214	-2	-0.93%	0	6	6	7	3	4
49-9041	Industrial Machinery Mechanics	4,671	4,896	225	4.82%	112	128	240	7	3	3
49-9043	Maintenance Workers, Machinery	1,019	1,055	36	3.53%	18	15	33	7	3	4
49-9044	Millwrights	645	660	15	2.33%	8	11	19	7	3	1
49-9045	Refractory Materials Repairers, Except Brickmasons	56	56	0	0.00%	0	2	2	7	3	4
49-9051	Electrical Power-Line Installers and Repairers	1,689	1,667	-22	-1.30%	0	58	58	7	3	3
49-9052	Telecommunications Line Installers and Repairers	982	961	-21	-2.14%	0	22	22	7	3	3
49-9062	Medical Equipment Repairers	312	324	12	3.85%	6	8	14	4	3	4
49-9063	Musical Instrument Repairers and Tuners	22	23	1	4.55%	0	0	0	7	3	1
49-9069	Precision Instrument and Equipment Repairers, All Other	91	93	2	2.20%	1	2	3	7	3	3
49-9071	Maintenance and Repair Workers, General	12,669	12,902	233	1.84%	116	210	326	7	3	3
49-9091	Coin, Vending, and Amusement Machine Servicers and Repairers	264	250	-14	-5.30%	0	3	3	7	3	5

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49-9094	Locksmiths and Safe Repairers	172	175	3	1.74%	2	6	8	7	3	3
49-9095	Manufactured Building and Mobile Home Installers	71	69	-2	-2.82%	0	2	2	7	3	4
49-9096	Riggers	98	105	7	7.14%	4	2	6	7	3	5
49-9097	Signal and Track Switch Repairers	97	98	1	1.03%	0	2	2	7	3	4
49-9098	Helpers--Installation, Maintenance, and Repair Workers	1,632	1,630	-2	-0.12%	0	58	58	7	3	4
49-9099	Installation, Maintenance, and Repair Workers, All Other	1,075	1,089	14	1.30%	7	19	26	7	3	4
51-0000	PRODUCTION OCCUPATIONS	112,669	114,702	2,033	1.80%	1,184	2,271	3,455			
51-1000	<i>Supervisors of Production Workers</i>	7,494	7,622	128	1.71%	64	106	170			
51-1011	First-Line Supervisors of Production and Operating Workers	7,494	7,622	128	1.71%	64	106	170	5	2	6
51-2000	<i>Assemblers and Fabricators</i>	18,829	19,311	482	2.56%	252	319	571			
51-2011	Aircraft Structure, Surfaces, Rigging, and Systems Assemblers	191	195	4	2.09%	2	3	5	7	3	4
51-2021	Coil Winders, Tapers, and Finishers	227	205	-22	-9.69%	0	3	3	7	3	5
51-2022	Electrical and Electronic Equipment Assemblers	434	435	1	0.23%	0	6	6	7	3	5
51-2041	Structural Metal Fabricators and Fitters	828	841	13	1.57%	6	30	36	7	3	4
51-2091	Fiberglass Laminators and Fabricators	718	758	40	5.57%	20	12	32	7	3	4
51-2092	Team Assemblers	14,071	14,408	337	2.39%	168	229	397	7	3	4
51-2099	Assemblers and Fabricators, All Other	1,848	1,942	94	5.09%	47	30	77	7	3	4
51-3000	<i>Food Processing Workers</i>	15,455	15,922	467	3.02%	234	373	607			

*For training codes, refer to page 99.

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SOC Code	SOC Title	Estimated Employment 2014	Projected Employment 2016	Net Growth	Percent Growth	Annual Openings due to Growth	Annual Openings due to Replacement	Total Annual Openings	Education / Training Codes for Education	Education / Training Codes for Work Experience	Education / Training Codes for Training
51-3011	Bakers	1,304	1,370	66	5.06%	33	30	63	8	3	3
51-3021	Butchers and Meat Cutters	934	956	22	2.36%	11	22	33	8	3	3
51-3022	Meat, Poultry, and Fish Cutters and Trimmers	6,878	7,076	198	2.88%	99	158	257	8	3	5
51-3023	Slaughterers and Meat Packers	1,295	1,307	12	0.93%	6	30	36	8	3	5
51-3091	Food and Tobacco Roasting, Baking, and Drying Machine Operators and Tenders	211	214	3	1.42%	2	5	7	8	3	4
51-3092	Food Batchmakers	1,213	1,259	46	3.79%	23	38	61	7	3	4
51-3093	Food Cooking Machine Operators and Tenders	669	700	31	4.63%	16	16	32	7	3	4
51-3099	Food Processing Workers, All Other	2,951	3,040	89	3.02%	44	74	118	8	3	4
51-4000	<i>Metal Workers and Plastic Workers</i>	20,666	20,828	162	0.78%	174	404	578			
51-4011	Computer-Controlled Machine Tool Operators, Metal and Plastic	1,872	1,913	41	2.19%	20	42	62	7	3	4
51-4012	Computer Numerically Controlled Machine Tool Programmers, Metal and Plastic	186	205	19	10.22%	10	4	14	7	3	3
51-4021	Extruding and Drawing Machine Setters, Operators, and Tenders, Metal and Plastic	1,101	1,073	-28	-2.54%	0	21	21	7	3	4
51-4022	Forging Machine Setters, Operators, and Tenders, Metal and Plastic	206	178	-28	13.59%	0	4	4	7	3	4
51-4023	Rolling Machine Setters, Operators, and Tenders, Metal and Plastic	337	334	-3	-0.89%	0	6	6	7	3	4
51-4031	Cutting, Punching, and Press Machine Setters, Operators, and Tenders, Metal and Plastic	2,332	2,315	-17	-0.73%	0	22	22	7	3	4

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51-4032	Drilling and Boring Machine Tool Setters, Operators, and Tenders, Metal and Plastic	128	124	-4	-3.13%	0	2	2	7	3	4
51-4033	Grinding, Lapping, Polishing, and Buffing Machine Tool Setters, Operators, and Tenders, Metal and Plastic	829	835	6	0.72%	3	20	23	7	3	4
51-4034	Lathe and Turning Machine Tool Setters, Operators, and Tenders, Metal and Plastic	222	226	4	1.80%	2	4	6	7	3	4
51-4035	Milling and Planing Machine Setters, Operators, and Tenders, Metal and Plastic	296	289	-7	-2.36%	0	6	6	7	3	4
51-4041	Machinists	2,888	2,920	32	1.11%	16	66	82	7	3	3
51-4051	Metal-Refining Furnace Operators and Tenders	253	247	-6	-2.37%	0	4	4	7	3	4
51-4052	Pourers and Casters, Metal	105	105	0	0.00%	0	2	2	7	3	4
51-4062	Patternmakers, Metal and Plastic	69	69	0	0.00%	0	2	2	7	3	4
51-4072	Molding, Coremaking, and Casting Machine Setters, Operators, and Tenders, Metal and Plastic	1,039	993	-46	-4.43%	0	14	14	7	3	4
51-4081	Multiple Machine Tool Setters, Operators, and Tenders, Metal and Plastic	856	853	-3	-0.35%	0	16	16	7	3	4
51-4111	Tool and Die Makers	601	593	-8	-1.33%	0	4	4	7	3	3
51-4121	Welders, Cutters, Solderers, and Brazers	5,162	5,377	215	4.17%	108	125	233	7	3	4
51-4122	Welding, Soldering, and Brazing Machine Setters, Operators, and Tenders	440	466	26	5.91%	13	10	23	7	3	4
51-4191	Heat Treating Equipment Setters, Operators, and Tenders, Metal and Plastic	269	261	-8	-2.97%	0	5	5	7	3	4
51-4192	Layout Workers, Metal and Plastic	50	51	1	2.00%	0	1	1	7	3	4

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51-4193	Plating and Coating Machine Setters, Operators, and Tenders, Metal and Plastic	727	717	-10	-1.38%	0	14	14	7	3	4
51-4194	Tool Grinders, Filers, and Sharpeners	144	146	2	1.39%	1	3	4	7	3	4
51-4199	Metal Workers and Plastic Workers, All Other	392	391	-1	-0.26%	0	4	4	7	3	4
51-5100	Printing Workers	2,237	2,277	40	1.79%	20	39	59			
51-5112	Printing Press Operators	1,382	1,409	27	1.95%	14	22	36	7	3	4
51-6000	Textile, Apparel, and Furnishings Workers	5,646	5,595	-51	-0.90%	14	102	116			
51-6011	Laundry and Dry-Cleaning Workers	1,650	1,640	-10	-0.61%	0	48	48	8	3	5
51-6021	Pressers, Textile, Garment, and Related Materials	558	546	-12	-2.15%	0	6	6	8	3	5
51-6031	Sewing Machine Operators	1,128	1,130	2	0.18%	1	6	7	8	3	5
51-6041	Shoe and Leather Workers and Repairers	90	85	-5	-5.56%	0	2	2	7	3	4
51-6042	Shoe Machine Operators and Tenders	364	324	-40	10.99%	0	6	6	7	3	5
51-6052	Tailors, Dressmakers, and Custom Sewers	421	418	-3	-0.71%	0	5	5	8	3	4
51-6062	Textile Cutting Machine Setters, Operators, and Tenders	129	127	-2	-1.55%	0	2	2	7	3	4
51-6091	Extruding and Forming Machine Setters, Operators, and Tenders, Synthetic and Glass Fibers	210	208	-2	-0.95%	0	4	4	7	3	4
51-6092	Fabric and Apparel Patternmakers	24	26	2	8.33%	1	0	1	7	3	4
51-6093	Upholsterers	760	756	-4	-0.53%	0	20	20	7	3	4
51-6099	Textile, Apparel, and Furnishings Workers, All Other	111	114	3	2.70%	2	1	3	7	3	5

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51-7000	Woodworkers	3,470	3,554	84	2.42%	46	60	106			
51-7011	Cabinetmakers and Bench Carpenters	899	892	-7	-0.78%	0	7	7	7	3	4
51-7021	Furniture Finishers	75	77	2	2.67%	1	1	2	7	3	5
51-7041	Sawing Machine Setters, Operators, and Tenders, Wood	1,284	1,340	56	4.36%	28	36	64	7	3	5
51-7042	Woodworking Machine Setters, Operators, and Tenders, Except Sawing	897	923	26	2.90%	13	6	19	7	3	5
51-7099	Woodworkers, All Other	245	251	6	2.45%	3	8	11	7	3	4
51-8000	Plant and System Operators	3,229	3,220	-9	-0.28%	16	100	116			
51-8013	Power Plant Operators	303	291	-12	-3.96%	0	9	9	7	3	3
51-8021	Stationary Engineers and Boiler Operators	342	340	-2	-0.58%	0	10	10	7	3	3
51-8031	Water and Wastewater Treatment Plant and System Operators	1,536	1,567	31	2.02%	16	48	64	7	3	3
51-8091	Chemical Plant and System Operators	221	209	-12	-5.43%	0	8	8	7	3	3
51-8092	Gas Plant Operators	76	78	2	2.63%	1	2	3	7	3	3
51-8093	Petroleum Pump System Operators, Refinery Operators, and Gaugers	335	328	-7	-2.09%	0	11	11	7	3	3
51-9000	Other Production Occupations	35,643	36,373	730	2.05%	366	768	1,134			
51-9011	Chemical Equipment Operators and Tenders	685	691	6	0.88%	3	21	24	7	3	4
51-9012	Separating, Filtering, Clarifying, Precipitating, and Still Machine Setters, Operators, and Tenders	341	341	0	0.00%	0	10	10	7	3	4
51-9021	Crushing, Grinding, and Polishing Machine Setters, Operators, and Tenders	437	446	9	2.06%	4	12	16	7	3	4

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51-9022	Grinding and Polishing Workers, Hand	177	182	5	2.82%	2	5	7	8	3	4
51-9023	Mixing and Blending Machine Setters, Operators, and Tenders	1,488	1,524	36	2.42%	18	42	60	7	3	4
51-9031	Cutters and Trimmers, Hand	39	40	1	2.56%	0	0	0	8	3	5
51-9032	Cutting and Slicing Machine Setters, Operators, and Tenders	1,759	1,772	13	0.74%	6	32	38	7	3	5
51-9041	Extruding, Forming, Pressing, and Compacting Machine Setters, Operators, and Tenders	808	814	6	0.74%	3	23	26	7	3	4
51-9051	Furnace, Kiln, Oven, Drier, and Kettle Operators and Tenders	441	444	3	0.68%	2	10	12	7	3	4
51-9061	Inspectors, Testers, Sorters, Samplers, and Weighers	6,303	6,480	177	2.81%	88	135	223	7	3	4
51-9071	Jewelers and Precious Stone and Metal Workers	148	151	3	2.03%	2	3	5	7	3	3
51-9081	Dental Laboratory Technicians	390	396	6	1.54%	3	13	16	7	3	4
51-9082	Medical Appliance Technicians	106	107	1	0.94%	0	4	4	7	3	3
51-9083	Ophthalmic Laboratory Technicians	310	314	4	1.29%	2	10	12	7	3	4
51-9111	Packaging and Filling Machine Operators and Tenders	4,015	4,126	111	2.76%	56	96	152	7	3	4
51-9121	Coating, Painting, and Spraying Machine Setters, Operators, and Tenders	1,083	1,102	19	1.75%	10	20	30	7	3	4
51-9122	Painters, Transportation Equipment	752	794	42	5.59%	21	14	35	7	3	4
51-9123	Painting, Coating, and Decorating Workers	110	109	-1	-0.91%	0	2	2	8	3	4

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51-9151	Photographic Process Workers and Processing Machine Operators	212	213	1	0.47%	0	6	6	7	3	5
51-9191	Adhesive Bonding Machine Operators and Tenders	462	463	1	0.22%	0	11	11	7	3	4
51-9192	Cleaning, Washing, and Metal Pickling Equipment Operators and Tenders	216	218	2	0.93%	1	5	6	8	3	4
51-9193	Cooling and Freezing Equipment Operators and Tenders	446	455	9	2.02%	4	10	14	7	3	4
51-9195	Molders, Shapers, and Casters, Except Metal and Plastic	396	408	12	3.03%	6	12	18	7	3	3
51-9196	Paper Goods Machine Setters, Operators, and Tenders	2,007	2,015	8	0.40%	4	19	23	7	3	4
51-9198	Helpers--Production Workers	9,345	9,552	207	2.22%	104	174	278	8	3	5
51-9199	Production Workers, All Other	2,710	2,756	46	1.70%	23	68	91	7	3	4
53-0000	TRANSPORTATION AND MATERIAL MOVING OCCUPATIONS	108,173	110,447	2,274	2.10%	1,203	2,398	3,601			
53-1000	<i>Supervisors of Transportation and Material Moving Workers</i>	<i>3,803</i>	<i>3,858</i>	<i>55</i>	<i>1.45%</i>	<i>28</i>	<i>96</i>	<i>124</i>			
53-1011	Aircraft Cargo Handling Supervisors	30	28	-2	-6.67%	0	1	1	7	2	6
53-1021	First-Line Supervisors of Helpers, Laborers, and Material Movers, Hand	1,561	1,581	20	1.28%	10	39	49	7	2	6
53-1031	First-Line Supervisors of Transportation and Material-Moving Machine and Vehicle Operators	2,212	2,249	37	1.67%	18	56	74	7	2	6
53-2000	<i>Air Transportation Workers</i>	<i>644</i>	<i>654</i>	<i>10</i>	<i>1.55%</i>	<i>6</i>	<i>20</i>	<i>26</i>			

2014-2016 Arkansas Statewide Occupational Projections

SOC Code	SOC Title	Estimated Employment 2014	Projected Employment 2016	Net Growth	Percent Growth	Annual Openings due to Growth	Annual Openings due to Replacement	Total Annual Openings	Education / Training Codes for Education	Education / Training Codes for Work Experience	Education / Training Codes for Training
53-2011	Airline Pilots, Copilots, and Flight Engineers	108	109	1	0.93%	0	3	3	3	2	4
53-2012	Commercial Pilots	386	392	6	1.55%	3	10	13	7	3	4
53-2021	Air Traffic Controllers	125	129	4	3.20%	2	6	8	4	3	3
53-3000	Motor Vehicle Operators	51,252	52,037	785	1.53%	432	774	1,206			
53-3022	Bus Drivers, School or Special Client	5,112	5,033	-79	-1.55%	0	82	82	7	3	5
53-3031	Driver/Sales Workers	3,096	3,110	14	0.45%	7	47	54	7	3	5
53-3032	Heavy and Tractor-Trailer Truck Drivers	34,652	35,217	565	1.63%	282	528	810	5	3	5
53-3033	Light Truck or Delivery Services Drivers	5,679	5,828	149	2.62%	74	86	160	7	3	5
53-3041	Taxi Drivers and Chauffeurs	2,209	2,328	119	5.39%	60	19	79	8	3	5
53-3099	Motor Vehicle Operators, All Other	213	221	8	3.76%	4	6	10	7	3	5
53-4000	Rail Transportation Workers	1,673	1,695	22	1.32%	12	50	62			
53-4011	Locomotive Engineers	609	619	10	1.64%	5	18	23	7	2	4
53-4013	Rail Yard Engineers, Dinkey Operators, and Hostlers	50	50	0	0.00%	0	2	2	7	3	4
53-4021	Railroad Brake, Signal, and Switch Operators	469	474	5	1.07%	2	14	16	7	3	4
53-4031	Railroad Conductors and Yardmasters	514	522	8	1.56%	4	15	19	7	3	4
53-5000	Water Transportation Workers	330	365	35	10.61%	18	10	28			
53-5021	Captains, Mates, and Pilots of Water Vessels	201	220	19	9.45%	10	6	16	3	3	6
53-5031	Ship Engineers	28	31	3	10.71%	2	1	3	3	3	6
53-6000	Other Transportation Workers	1,949	2,033	84	4.31%	43	68	111			
53-6011	Bridge and Lock Tenders	71	69	-2	-2.82%	0	3	3	7	3	5
53-6021	Parking Lot Attendants	208	220	12	5.77%	6	11	17	8	3	5
53-6031	Automotive and Watercraft Service Attendants	1,136	1,184	48	4.23%	24	36	60	8	3	5
53-6061	Transportation Attendants, Except Flight Attendants	80	81	1	1.25%	0	1	1	7	3	5

2014-2016 Arkansas Statewide Occupational Projections

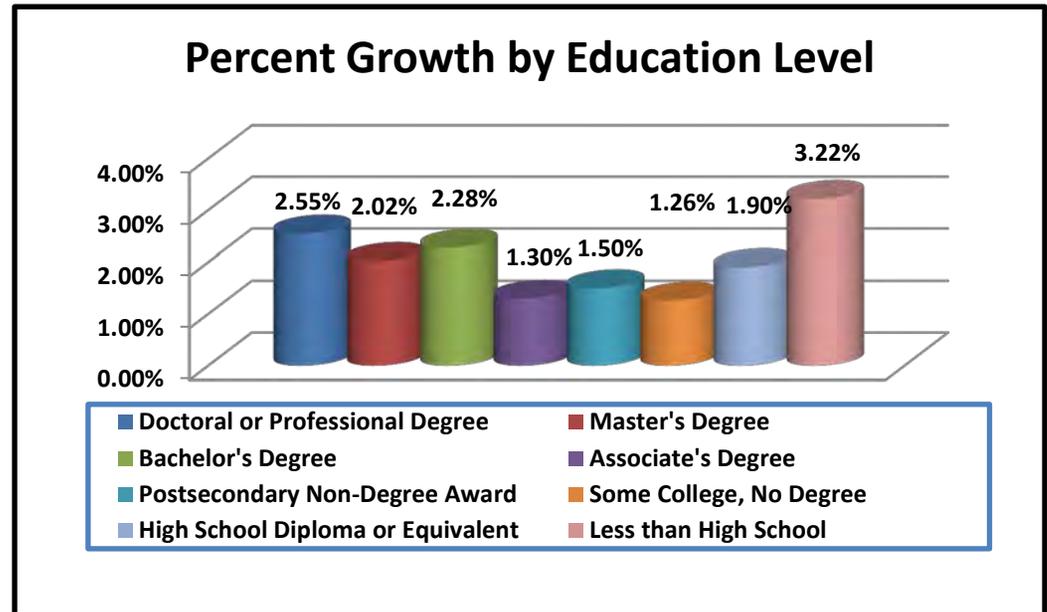
SOC Code	SOC Title	Estimated Employment 2014	Projected Employment 2016	Net Growth	Percent Growth	Annual Openings due to Growth	Annual Openings due to Replacement	Total Annual Openings	Education / Training Codes for Education	Education / Training Codes for Work Experience	Education / Training Codes for Training
53-6099	Transportation Workers, All Other	267	284	17	6.37%	8	11	19	7	3	5
53-7000	Material Moving Workers	48,522	49,805	1,283	2.64%	664	1,380	2,044			
53-7011	Conveyor Operators and Tenders	554	560	6	1.08%	3	16	19	8	3	5
53-7021	Crane and Tower Operators	1,203	1,249	46	3.82%	23	40	63	7	2	4
53-7032	Excavating and Loading Machine and Dragline Operators	574	573	-1	-0.17%	0	5	5	7	2	4
53-7051	Industrial Truck and Tractor Operators	6,917	6,908	-9	-0.13%	0	154	154	8	3	5
53-7061	Cleaners of Vehicles and Equipment	4,085	4,197	112	2.74%	56	127	183	8	3	5
53-7062	Laborers and Freight, Stock, and Material Movers, Hand	24,922	25,822	900	3.61%	450	793	1,243	8	3	5
53-7063	Machine Feeders and Offbearers	2,464	2,458	-6	-0.24%	0	50	50	8	3	5
53-7064	Packers and Packagers, Hand	5,380	5,589	209	3.88%	104	147	251	8	3	5
53-7071	Gas Compressor and Gas Pumping Station Operators	71	76	5	7.04%	2	2	4	8	3	4
53-7072	Pump Operators, Except Wellhead Pumpers	95	94	-1	-1.05%	0	2	2	8	3	4
53-7073	Wellhead Pumpers	378	350	-28	-7.41%	0	10	10	8	2	4
53-7081	Refuse and Recyclable Material Collectors	1,670	1,715	45	2.69%	22	29	51	8	3	5
53-7199	Material Moving Workers, All Other	105	107	2	1.90%	1	3	4	8	3	5

2014-2016 Projections by Education Level

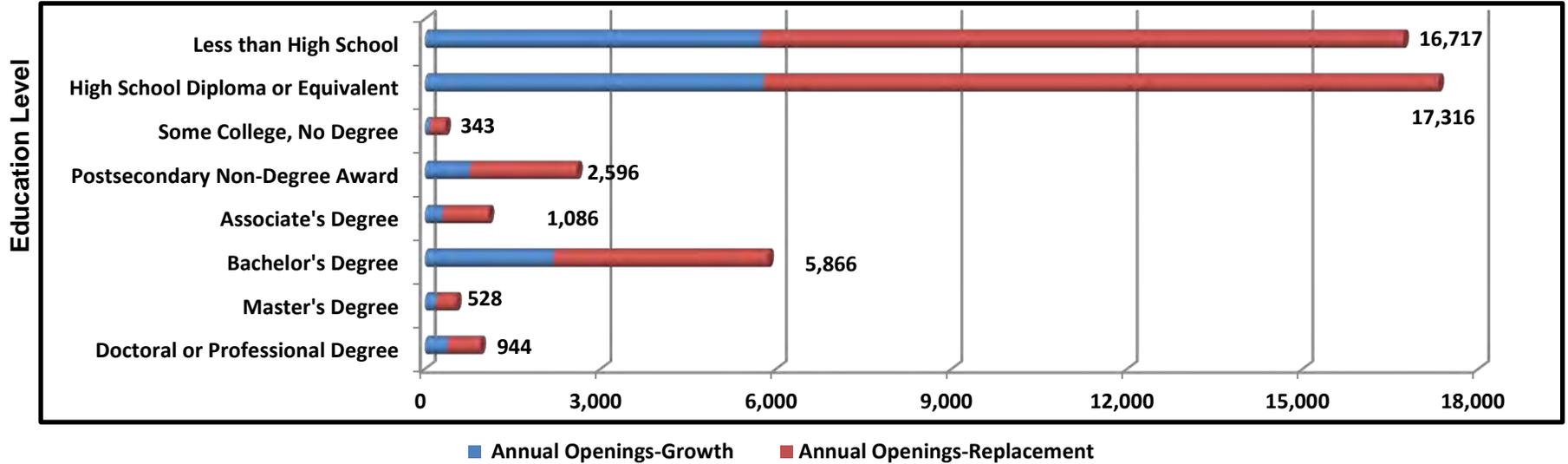
Education Title	2014 Estimated Employment	2016 Projected Employment	Net Growth	Percent Growth	Annual Openings-Growth	Annual Openings-Replacement	Annual Openings-Total
Doctoral or Professional Degree	29,315	30,062	747	2.55%	384	560	944
Master's Degree	18,769	19,148	379	2.02%	191	337	528
Bachelor's Degree	187,025	191,289	4,264	2.28%	2,196	3,670	5,866
Associate's Degree	43,336	43,900	564	1.30%	299	787	1,086
Postsecondary non-Degree Award	99,501	100,989	1,488	1.50%	768	1,828	2,596
Some College, no Degree	13,398	13,567	169	1.26%	84	259	343
High School Diploma or Equivalent	558,687	569,284	10,597	1.90%	5,785	11,531	17,316
Less than High School	347,741	358,946	11,205	3.22%	5,733	10,984	16,717

Education Outlook

Every education category is projected to see positive net growth between 2014 and 2016. Occupations requiring less than a High School education are projected to add the most jobs during the projection period adding 11,205 jobs. Slightly less than that are jobs requiring a High School Diploma or equivalent with a gain of 10,597 new jobs on the horizon. At 3.22 percent, jobs requiring a less than a High School education are also expected to be the fastest growing educational group. Jobs requiring a college degree are forecast to add 5,954 jobs into the Arkansas job market. Jobs requiring a High School Diploma or equivalent are estimated to have 17,316 annual openings, while those that require a college degree are predicted to have a combined in 8,424 annual openings.



Annual Openings by Education Level



Education Rankings (Ordered by Total Annual Openings)

Top 10 Occupations/Bachelor's Degree or Higher

SOC Code	SOC Title	2014 Estimated Employment	2016 Projected Employment	Net Growth	Percent Growth	Annual Openings-Growth	Annual Openings-Replacement	Annual Openings-Total
11-1021	General and Operations Managers	16,732	17,212	480	2.87%	240	265	505
13-2011	Accountants and Auditors	6,952	7,209	257	3.70%	128	202	330
25-2021	Elementary School Teachers, Except Special Education	11,347	11,456	109	0.96%	54	244	298
21-2011	Clergy	8,441	8,676	235	2.78%	118	158	276
25-2031	Secondary School Teachers, Except Special and Career/Technical Education	9,556	9,529	-27	-0.28%	0	260	260
25-2022	Middle School Teachers, Except Special and Career/Technical Education	6,492	6,554	62	0.96%	31	140	171
15-1131	Computer Programmers	3,866	3,986	120	3.10%	60	100	160
11-2022	Sales Managers	3,636	3,751	115	3.16%	58	72	130
23-1011	Lawyers	3,970	4,107	137	3.45%	68	58	126
11-9021	Construction Managers	4,667	4,767	100	2.14%	50	60	110

Top 10 Occupations/Associate's Degree and Non-Degree Training

SOC Code	SOC Title	2014 Estimated Employment	2016 Projected Employment	Net Growth	Percent Growth	Annual Openings-Growth	Annual Openings-Replacement	Annual Openings-Total
53-3032	Heavy and Tractor-Trailer Truck Drivers	34,652	35,217	565	1.63%	282	528	810
29-1141	Registered Nurses	22,789	22,972	183	0.80%	92	386	478
29-2061	Licensed Practical and Licensed Vocational Nurses	11,721	11,961	240	2.05%	120	272	392
31-1014	Nursing Assistants	18,480	18,558	78	0.42%	39	324	363
25-9041	Teacher Assistants	8,856	8,883	27	0.30%	14	188	202
51-1011	First-Line Supervisors of Production and Operating Workers	7,494	7,622	128	1.71%	64	106	170
15-1151	Computer User Support Specialists	3,414	3,554	140	4.10%	70	47	117
29-2041	Emergency Medical Technicians and Paramedics	2,173	2,242	69	3.18%	34	54	88
33-2011	Firefighters	2,636	2,675	39	1.48%	20	68	88
31-9092	Medical Assistants	2,313	2,407	94	4.06%	47	40	87

Top 10 Occupations/High School or Less

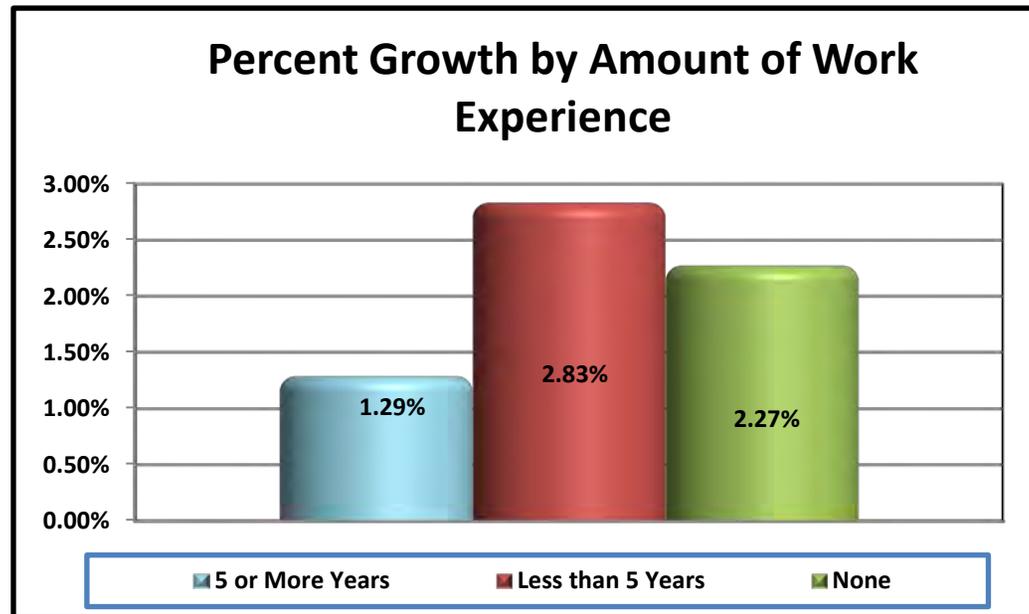
SOC Code	SOC Title	2014 Estimated Employment	2016 Projected Employment	Net Growth	Percent Growth	Annual Openings-Growth	Annual Openings-Replacement	Annual Openings-Total
41-2031	Retail Salespersons	38,372	39,713	1,341	3.49%	670	1,412	2,082
41-2011	Cashiers	29,950	30,850	900	3.01%	450	1,610	2,060
35-3021	Combined Food Preparation and Serving Workers, Including Fast Food	23,584	24,954	1,370	5.81%	685	1,130	1,815
35-3031	Waiters and Waitresses	19,042	19,834	792	4.16%	396	987	1,383
53-7062	Laborers and Freight, Stock, and Material Movers, Hand	24,922	25,822	900	3.61%	450	793	1,243
11-9013	Farmers, Ranchers, and Other Agricultural Managers	53,332	53,753	421	0.79%	210	844	1,054
43-9061	Office Clerks, General	29,987	30,417	430	1.43%	215	616	831
43-4051	Customer Service Representatives	19,116	19,630	514	2.69%	257	502	759
37-2011	Janitors and Cleaners, Except Maids and Housekeeping Cleaners	19,055	19,769	714	3.75%	357	322	679
43-5081	Stock Clerks and Order Fillers	16,342	16,600	258	1.58%	129	521	650

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

2014-2016 Projections by Amount of Work Experience

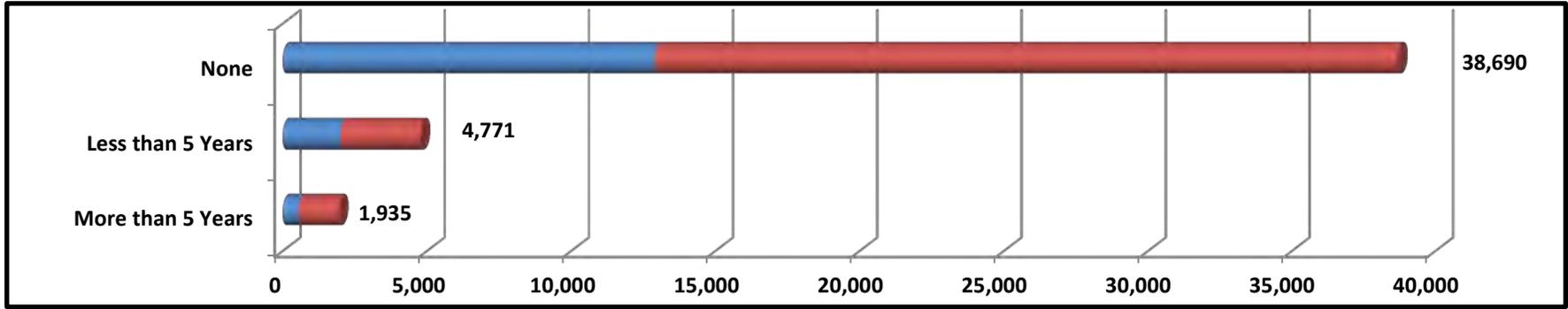
Work Experience Title	2014 Estimated Employment	2016 Projected Employment	Net Growth	Percent Growth	Annual Openings-Growth	Annual Openings-Replacement	Annual Openings-Total
5 years or more	85,068	86,162	1,094	1.29%	548	1,387	1,935
Less than 5 years	139,229	143,170	3,941	2.83%	2,000	2,771	4,771
None	1,073,475	1,097,853	24,378	2.27%	12,892	25,798	38,690

Work Experience Outlook



Annual Openings by Amount of Work Experience

Amount of Work Experience



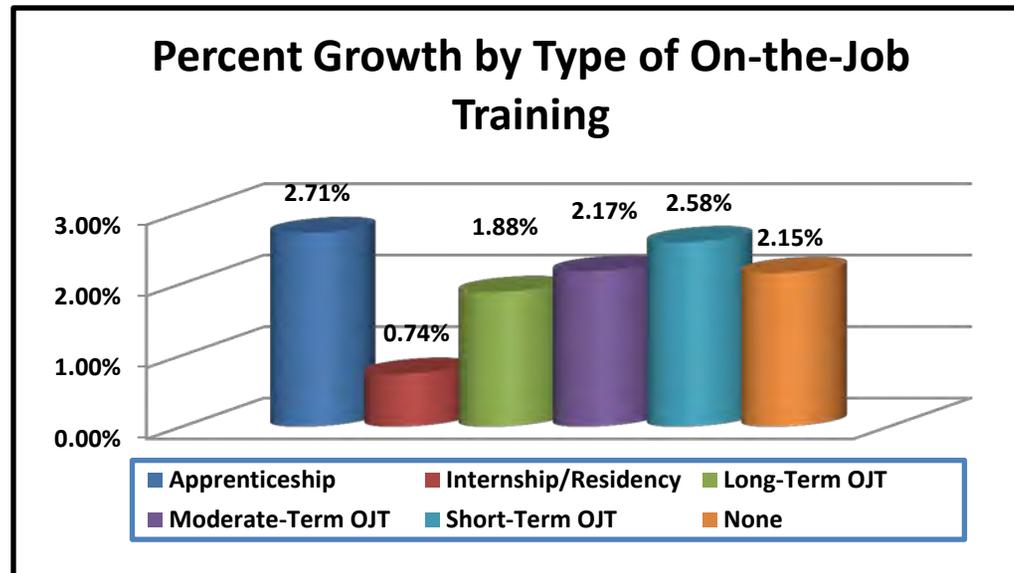
■ Annual Openings-Growth ■ Annual Openings-Replacement

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

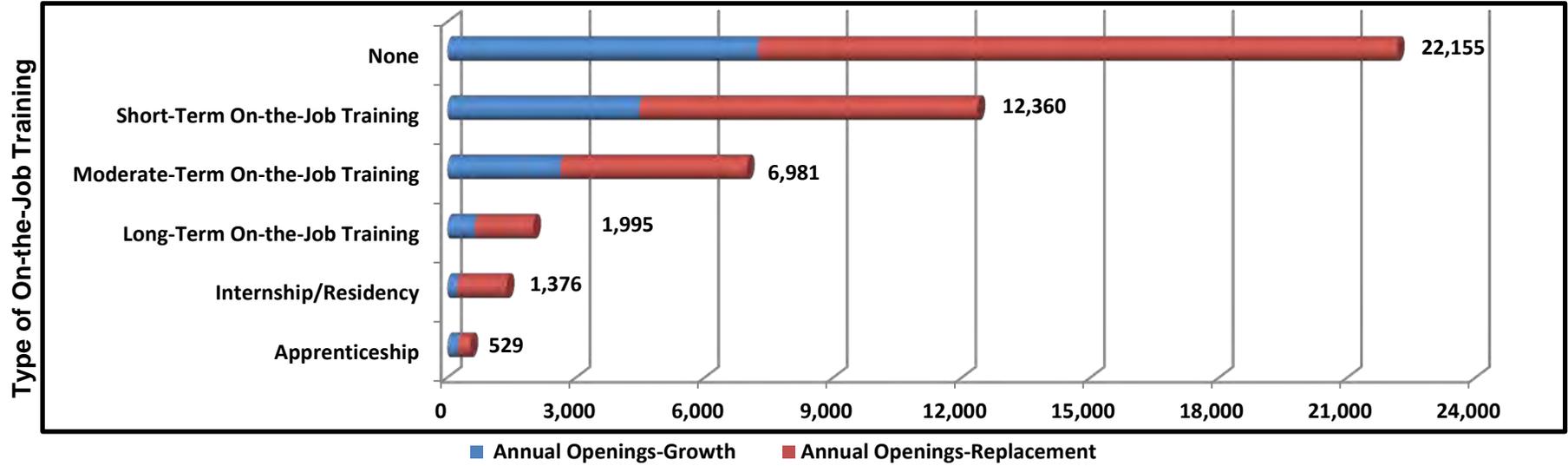
2014-2016 Projections by Type of On-the-Job Training

Job Training Title	2014 Estimated Employment	2016 Projected Employment	Net Growth	Percent Growth	Annual Openings-Growth	Annual Openings-Replacement	Annual Openings-Total
Apprenticeship	17,902	18,388	486	2.71%	244	285	529
Internship/residency	53,121	53,515	394	0.74%	221	1,155	1,376
Long-term on-the-job training	60,950	62,096	1,146	1.88%	636	1,359	1,995
Moderate-term on-the-job training	218,787	223,530	4,743	2.17%	2,630	4,351	6,981
Short-term on-the-job training	536,526	550,347	13,821	2.58%	7,234	14,921	22,155
None	410,486	419,309	8,823	2.15%	4,475	7,885	12,360

Training Outlook



Annual Openings by Type of On-the-Job Training



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

2014-2016 Projections by Education Training Path

Education	Work Experience	Additional Training	2014 Estimated Employment	2016 Projected Employment	Net Growth	Percent Growth	Annual Openings-Growth	Annual Openings-Replacements	Annual Openings-Total
Doctoral or Professional Degree	5 Years or More	Short-Term On-the-Job Training	339	343	4	1.18%	2	5	7
Doctoral or Professional Degree	Less than 5 Years	Short-Term On-the-Job Training	520	527	7	1.35%	4	8	12
Doctoral or Professional Degree	Less than 5 Years	None	1,355	1,422	67	4.94%	34	18	52
Doctoral or Professional Degree	None	Internship/Residency	6,955	7,087	132	1.90%	65	169	234
Doctoral or Professional Degree	None	None	20,146	20,683	537	2.67%	279	360	639
Master's Degree	5 Years or More	None	5,452	5,495	43	0.79%	24	104	128
Master's Degree	Less than 5 Years	None	638	672	34	5.33%	17	9	26
Master's Degree	None	Internship/Residency	1,008	1,045	37	3.67%	18	19	37
Master's Degree	None	None	11,671	11,936	265	2.27%	132	205	337
Bachelor's Degree	5 Years or More	None	16,983	17,413	430	2.53%	214	304	518
Bachelor's Degree	Less than 5 Years	Internship/Residency	1,369	1,365	-4	-0.29%	0	36	36
Bachelor's Degree	Less than 5 Years	Moderate-Term On-the-Job Training	136	138	2	1.47%	0	3	3
Bachelor's Degree	Less than 5 Years	Short-Term On-the-Job Training	139	142	3	2.16%	2	4	6
Bachelor's Degree	Less than 5 Years	None	35,935	37,072	1,137	3.16%	577	601	1,178
Bachelor's Degree	None	Internship/Residency	43,789	44,018	229	0.52%	138	931	1,069
Bachelor's Degree	None	Long-Term On-the-Job Training	1,210	1,227	17	1.40%	9	12	21

Education	Work Experience	Additional Training	2014 Estimated Employment	2016 Projected Employment	Net Growth	Percent Growth	Annual Openings-Growth	Annual Openings-Replacements	Annual Openings-Total
Bachelor's Degree	None	Moderate-Term On-the-Job Training	23,638	24,196	558	2.36%	281	427	708
Bachelor's Degree	None	Short-Term On-the-Job Training	1,778	1,789	11	0.62%	6	40	46
Bachelor's Degree	None	None	62,058	63,938	1,880	3.03%	969	1,312	2,281
Associate's Degree	Less than 5 Years	None	451	454	3	0.67%	4	7	11
Associate's Degree	None	Long-Term On-the-Job Training	441	437	-4	-0.91%	2	13	15
Associate's Degree	None	Moderate-Term On-the-Job Training	1,833	1,855	22	1.20%	14	49	63
Associate's Degree	None	Short-Term On-the-Job Training	236	233	-3	-1.27%	0	4	4
Associate's Degree	None	None	40,375	40,921	546	1.35%	279	714	993
Postsecondary Non-Degree Award	Less than 5 Years	Moderate-Term On-the-Job Training	528	536	8	1.52%	4	20	24
Postsecondary Non-Degree Award	Less than 5 Years	None	7,501	7,629	128	1.71%	64	106	170
Postsecondary Non-Degree Award	None	Long-Term On-the-Job Training	6,046	6,124	78	1.29%	46	149	195
Postsecondary Non-Degree Award	None	Moderate-Term On-the-Job Training	1,541	1,523	-18	-1.17%	0	26	26
Postsecondary Non-Degree Award	None	Short-Term On-the-Job Training	35,972	36,539	567	1.58%	288	544	832
Postsecondary Non-Degree Award	None	None	47,913	48,638	725	1.51%	366	983	1,349
Some College, No Degree	None	Moderate-Term On-the-Job Training	3,414	3,554	140	4.10%	70	47	117
Some College, No Degree	None	None	9,929	9,957	28	0.28%	14	210	224
High School Diploma or Equivalent	5 Years or More	Moderate-Term On-the-Job Training	737	748	11	1.49%	6	15	21
High School Diploma or Equivalent	5 Years or More	None	61,514	62,118	604	0.98%	301	958	1,259

Education	Work Experience	Additional Training	2014 Estimated Employment	2016 Projected Employment	Net Growth	Percent Growth	Annual Openings-Growth	Annual Openings-Replacements	Annual Openings-Total
High School Diploma or Equivalent	Less than 5 Years	Long-Term On-the-Job Training	229	226	-3	-1.31%	0	5	5
High School Diploma or Equivalent	Less than 5 Years	Moderate-Term On-the-Job Training	4,884	4,965	81	1.66%	43	127	170
High School Diploma or Equivalent	Less than 5 Years	None	76,389	78,348	1,959	2.56%	983	1,641	2,624
High School Diploma or Equivalent	None	Apprenticeship	17,902	18,388	486	2.71%	244	285	529
High School Diploma or Equivalent	None	Long-Term On-the-Job Training	50,468	51,429	961	1.90%	531	1,122	1,653
High School Diploma or Equivalent	None	Moderate-Term On-the-Job Training	159,507	162,740	3,233	2.03%	1,796	3,164	4,960
High School Diploma or Equivalent	None	Short-Term On-the-Job Training	176,940	179,850	2,910	1.64%	1,704	4,086	5,790
High School Diploma or Equivalent	None	None	10,071	10,424	353	3.51%	176	127	303
Less than High School	Less than 5 Years	Moderate-Term On-the-Job Training	9,162	9,671	509	5.56%	268	186	454
Less than High School	None	Long-Term On-the-Job Training	2,458	2,552	94	3.82%	47	55	102
Less than High School	None	Moderate-Term On-the-Job Training	13,407	13,604	197	1.47%	148	287	435
Less than High School	None	Short-Term On-the-Job Training	320,599	330,921	10,322	3.22%	5,228	10,230	15,458
Less than High School	None	None	2,115	2,198	83	3.92%	42	226	268

Top 15 Content Skills

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

Skill	Job Openings	Description
Speaking	8,803	Talking to others to convey information effectively.
Active Listening	7,870	Giving full attention to what other people are saying, taking time to understand the points being made, asking questions as appropriate, and not interrupting at inappropriate times.
Reading Comprehension	3,995	Understanding written sentences and paragraphs in work related documents.
Social Perceptiveness	3,070	Being aware of other's reactions and understanding why they react as they do.
Critical Thinking	2,453	Using logic and reasoning to identify the strengths and weaknesses of alternative solutions, conclusions or approaches to problems.
Service Orientation	2,038	Actively looking for ways to help people.
Writing	1,763	Communicating effectively in writing as appropriate for the needs of the audience.
Instructing	1,706	Teaching others how to do something.
Management of Personnel Resources	1,676	Motivating, developing, and directing people as they work, identifying the best people for the job.
Monitoring	1,441	Monitoring/Assessing performance of yourself, other individuals, or organizations to make improvements or take corrective action.
Coordination	1,380	Adjusting actions in relation to others' actions.
Judgment and Decision Making	1,163	Considering the relative costs and benefits of potential actions to choose the most appropriate one.
Learning Strategies	1,128	Selecting and using training/instructional methods and procedures appropriate for the situation when learning or teaching new things.
Time Management	780	Managing one's own time and the time of others.
Repairing	684	Repairing machines or systems using the needed tools.

Top 15 Knowledge Domains

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

Knowledge Domain	Job Openings	Description
Customer and Personal Service	18,367	Knowledge of principles and processes for providing customer and personal services. This includes customer needs assessment, meeting quality standards for services, and evaluation of customer satisfaction.
English Language	6,058	Knowledge of the structure and content of the English language including the meaning and spelling of words, rules of composition, and grammar.
Clerical	2,757	Knowledge of administrative and clerical procedures and systems such as word processing, managing files and records, stenography and transcription, designing forms, and other office procedures and terminology.
Psychology	1,892	Knowledge of human behavior and performance; individual differences in ability, personality, and interests; learning and motivation; psychological research methods; and the assessment and treatment of behavioral and affective disorders.
Medicine and Dentistry	1,839	Knowledge of the information and techniques needed to diagnose and treat human injuries, diseases, and deformities. This includes symptoms, treatment alternatives, drug properties and interactions, and preventive health-care measures.
Sales and Marketing	1,807	Knowledge of principles and methods for showing, promoting, and selling products or services. This includes marketing strategy and tactics, product demonstration, sales techniques, and sales control systems.
Administration and Management	1,766	Knowledge of business and management principles involved in strategic planning, resource allocation, human resources modeling, leadership technique, production methods, and coordination of people and resources.
Education and Training	1,750	Knowledge of principles and methods for curriculum and training design, teaching and instruction for individuals and groups, and the measurement of training effects.
Mechanical	1,164	Knowledge of machines and tools, including their designs, uses, repair, and maintenance.
Computers and Electronics	1,127	Knowledge of circuit boards, processors, chips, electronic equipment, and computer hardware and software, including applications and programming.
Personnel and Human Resources	864	Knowledge of principles and procedures for personnel recruitment, selection, training, compensation and benefits, labor relations and negotiation, and personnel information systems.
Building and Construction	820	Knowledge of materials, methods, and the tools involved in the construction or repair of houses, buildings, or other structures such as highways and roads.
Production and Processing	770	Knowledge of raw materials, production processes, quality control, costs, and other techniques for maximizing the effective manufacture and distribution of goods.
Mathematics	607	Knowledge of arithmetic, algebra, geometry, calculus, statistics, and their applications.
Law and Government	541	Knowledge of laws, legal codes, court procedures, precedents, government regulations, executive orders, agency rules, and the democratic political process.

Top 15 Generalized Work Activities

(The types of tasks that are common to many jobs)

Generalized Work Activities	Job Openings	Description
Getting Information	21,417	Observing, receiving, and otherwise obtaining information from all relevant sources.
Communicating with Supervisors, Peers, or Subordinates	17,267	Providing information to supervisors, co-workers, and subordinates by telephone, in written form, e-mail, or in person.
Performing for or Working Directly with the Public	12,727	Performing for people or dealing directly with the public. This includes serving customers in restaurants and stores, and receiving clients or guests.
Making Decisions and Solving Problems	11,071	Analyzing information and evaluating results to choose the best solution and solve problems.
Interacting With Computers	9,939	Using computers and computer systems (including hardware and software) to program, write software, set up functions, enter data, or process information.
Establishing and Maintaining Interpersonal Relationships	7,469	Developing constructive and cooperative working relationships with others, and maintaining them over time.
Documenting/Recording Information	7,378	Entering, transcribing, recording, storing, or maintaining information in written or electronic/magnetic form.
Identifying Objects, Actions, and Events	7,267	Identifying information by categorizing, estimating, recognizing differences or similarities, and detecting changes in circumstances or events.
Organizing, Planning, and Prioritizing Work	6,745	Developing specific goals and plans to prioritize, organize, and accomplish your work.
Updating and Using Relevant Knowledge	5,666	Keeping up-to-date technically and applying new knowledge to your job.
Assisting and Caring for Others	5,011	Providing personal assistance, medical attention, emotional support, or other personal care to others such as coworkers, customers, or patients.
Performing General Physical Activities	4,424	Performing physical activities that require considerable use of your arms and legs and moving your whole body, such as climbing, lifting, balancing, walking, stooping, and handling of materials.
Communicating with Persons Outside Organization	4,363	Communicating with people outside the organization, representing the organization to customers, the public, government, and other external sources.
Evaluating Information to Determine Compliance with Standards	4,244	Using relevant information and individual judgment to determine whether events or processes comply with laws, regulations, or standards.
Inspecting Equipment, Structures, or Materials	3,905	Inspecting equipment, structures, or materials to identify the cause of errors or other problems or defects.

Appendix: Definition of Education/Training Codes

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

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

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