



Arkansas-Statewide

Long-Term Industry and Occupational Projections
2014-2024

STATE OF ARKANSAS LONG-TERM INDUSTRY AND OCCUPATIONAL PROJECTIONS 2014-2024



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Definitions of Important Terms

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Introduction

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

Industries in this publication are classified by North American Industry Classification System (NAICS) codes. NAICS was created to bring consistency and comparability to the 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 occupation level in Arkansas. A written narrative will highlight projections at the division level as well as key occupations within that division. Occupations are classified by Standard Occupational Classification (SOC) codes.

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

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

Methodology

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

Data Development

Data development is accomplished by using three sources:

The Quarterly Census of Employment and Wage reports. 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 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

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

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

Occupational Projections

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

The occupational employment projections contained in this publication were created using the *Projection Suite* software, authorized by the U.S. Department of Labor and developed by the Utah Department of Workforce Services. The software applies occupational change factors to the projected patterns to form a projected matrix. Also, using national self-employment and unpaid family workers staffing patterns, the system generates base and projected employment for self-employed and unpaid family workers.

Data Limitations

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

It is important to look at both 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. Concerning 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.

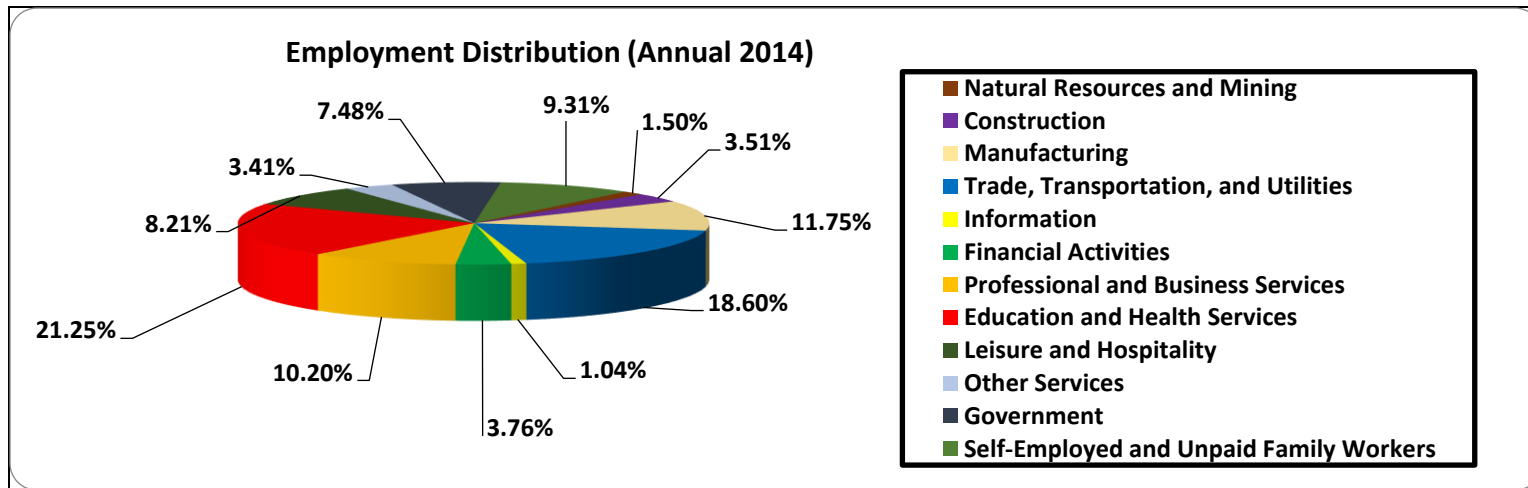
State of Arkansas

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

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

Educational opportunities in the state of Arkansas are numerous. Prospective students have a wide range of institutions 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 graduates.

Arkansas's population based on the state Census Data Center estimates was 2,966,835 as of July 1, 2014, which is an increase of 17,336 residents from the 2012 Population Estimate. The unemployment rate for annual 2014 was 6.1 percent.



Local Workforce Development Areas

Northwest Arkansas Workforce Development Area

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

North Central Arkansas Workforce Development Area

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

Northeast Arkansas Workforce Development Area

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

Western Arkansas Workforce Development Area

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

West Central Arkansas Workforce Development Area

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

Central Arkansas Workforce Development Area

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

City of Little Rock Workforce Development Area

City Limits of Little Rock

Eastern Arkansas Workforce Development Area

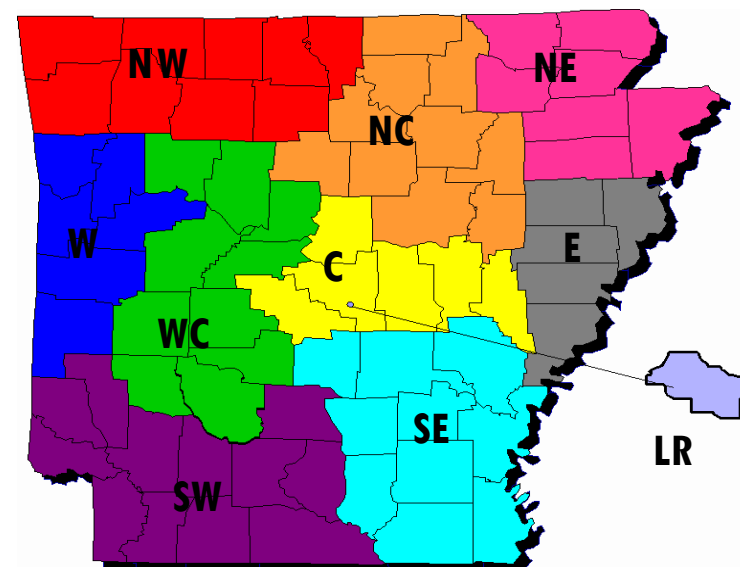
Crittenden, Cross, Lee, Phillips, and St. Francis Counties

Southwest Arkansas Workforce Development Area

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

Southeast Arkansas Workforce Development Area

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



Explanation of Long-Term Industry Projections Data

Arkansas-Statewide

2014-2024

NAICS Code	NAICS Title	2014 Estimated Employment	2024 Projected Employment	Net Growth	Percent Growth
Industry code according to the North American Industry Classification System (NAICS) Title and Coding Structure	Industry title according to the North American Industry Classification System (NAICS) Title and Coding Structure	An estimate of the number of jobs in an industry in 2014	The projected number of jobs expected to be in an industry in 2024	Total number of jobs an industry is expected to gain or lose over the 2014 to 2024 period	Percent Growth in the number of jobs in an industry over the 2014 to 2024 period

2014-2024 Industry Projections by Major Division

NAICS Code	NAICS Title	2014 Estimated Employment	2024 Projected Employment	Net Growth	Percent Growth
000000	TOTAL ALL INDUSTRIES	1,312,445	1,442,530	130,085	9.91%
000671	Total Self Employed and Unpaid Family Workers, All Jobs	122,187	131,856	9,669	7.91%
006010	Self Employed Workers, All Jobs	117,019	126,803	9,784	8.36%
007010	Unpaid Family Workers, All Jobs	5,168	5,053	-115	-2.23%
101000	Goods Producing	219,946	230,492	10,546	4.79%
101100	NATURAL RESOURCES AND MINING	19,630	20,128	498	2.54%
110000	Agriculture, Forestry, Fishing and Hunting	12,876	13,177	301	2.34%
210000	Mining	6,754	6,951	197	2.92%
101200	CONSTRUCTION	46,071	51,529	5,458	11.85%
101300	MANUFACTURING	154,245	158,835	4,590	2.98%
	<i>Non-Durable Goods Manufacturing</i>	<i>77,860</i>	<i>80,133</i>	<i>2,273</i>	<i>2.92%</i>
	<i>Durable Goods Manufacturing</i>	<i>76,385</i>	<i>78,702</i>	<i>2,317</i>	<i>3.03%</i>
102000	Services Providing	970,312	1,080,182	109,870	11.32%
102100	TRADE, TRANSPORTATION, AND UTILITIES	244,148	265,152	21,004	8.60%
420000	Wholesale Trade	46,618	51,515	4,897	10.50%
440000	Retail Trade	136,201	147,196	10,995	8.07%
480000	Transportation and Warehousing	53,424	58,424	5,000	9.36%
220000	Utilities	7,905	8,017	112	1.42%
102200	INFORMATION	13,605	13,206	-399	-2.93%
102300	FINANCIAL ACTIVITIES	49,300	53,222	3,922	7.96%
520000	Finance and Insurance	36,333	38,783	2,450	6.74%
530000	Real Estate and Rental and Leasing	12,967	14,439	1,472	11.35%
102400	PROFESSIONAL AND BUSINESS SERVICES	133,879	148,985	15,106	11.28%
540000	Professional, Scientific, and Technical Services	40,639	45,946	5,307	13.06%
550000	Management of Companies and Enterprises	32,328	35,037	2,709	8.38%
560000	Administrative and Support and Waste Management and Remediation Services	60,912	68,002	7,090	11.64%
102500	EDUCATION AND HEALTH SERVICES	278,838	317,550	38,712	13.88%
610000	Educational Services	108,841	116,970	8,129	7.47%
620000	Health Care and Social Assistance	169,997	200,580	30,583	17.99%
102600	LEISURE AND HOSPITALITY	107,695	126,921	19,226	17.85%
710000	Arts, Entertainment, and Recreation	10,434	11,283	849	8.14%
720000	Accommodation and Food Services	97,261	115,638	18,377	18.89%
102700	OTHER SERVICES (EXCEPT GOVERNMENT)	44,733	48,560	3,827	8.56%
102800	GOVERNMENT	98,114	106,586	8,472	8.63%

Industry Outlook

Arkansas' industries are projected to add 130,085 new jobs over the 2014-2024 projection period. **Goods-Producing** industries are expected to add 10,546 new jobs while the **Services-Providing** industries should see the majority of the growth, with 109,870 new jobs being added. Self-Employed and Unpaid Family Workers could see 9,669 more jobs.

The **Natural Resources and Mining** supersector is expected to gain 498 jobs during the projection period. The **Agriculture, Forestry, Fishing, and Hunting** sector should see the largest gains with 301 jobs over the projection period, but Logging is expected to lose 148 jobs or a loss of 7.13 percent, placing it on the Top 20 Declining Industries list. The **Mining** sector could see a net gain of 197 jobs, with *Support Activities for Mining* sustaining the sector with 409 new jobs as other Mining sectors are losing ground.

The **Construction** supersector is estimated to add 5,458 jobs during the projection period. The *Specialty Trade Contractors* subsector should see the largest growth with 4,081 new jobs over the 10-year period, with Building Equipment Contractors adding 2,703 of those jobs or a growth of 17.72 percent.

The **Manufacturing** supersector is expected to increase by 4,590 jobs by 2024. **Non-Durable Goods Manufacturing** could see 2,273 of these jobs and the *Food Manufacturing* subsector is the driving force behind the growth with a projected gain of 1,443. Animal Slaughtering and Processing is the top growing industry in **Manufacturing** with a growth of 1,277. Fruit and Vegetable Preserving and Specialty Food Manufacturing could lose the most jobs among Non-Durable Goods Industries with a loss of 319. Five industries among Non-Durable Goods Manufacturing are on the Top 20 Fastest Declining Industries list, each losing more than 10 percent of its workforce. The *Leather and Allied Product Manufacturing* subsector could see a decline by 24.27 percent by 2024.

Durable Goods Manufacturing is also expecting gains with 2,317 jobs expected over the next 10 years. The largest increase in jobs should be seen in the *Transportation Equipment Manufacturing* subsector, with 1,156 jobs anticipated overall, but no industry made the Top 20 Growing Industries or Top 20 Fastest Growing Industries lists. Durable Goods Manufacturing has a mixed outlook as *Household and Institutional Furniture & Kitchen Cabinet Manufacturing* is expected to lose the most jobs with 251 and *Cutlery and Handtool Manufacturing* could be the fastest declining industry in the state losing 37.76 percent of its workforce.

The **Trade, Transportation, and Utilities** supersector is projected to gain 21,004 jobs over the 10-year period. **Wholesale Trade** could see an increase of 4,897 jobs with the *Wholesale Electronic Markets and Agents and Brokers* adding the most with 2,586 new jobs, an increase of 25.09 percent making both the Top 20 Growing Industries and Top 20 Fastest Growing Industries lists. **Retail Trade** could increase by 10,995 jobs over the projection period. **Retail Trade** will likely see growth in every subsector. The largest increase could come in *General Merchandise Stores* with 5,286, about 48 percent of the sector's growth.

Transportation and Warehousing is projected to add 5,000 jobs. *Truck Transportation* should increase by 3,508 jobs with General Freight Trucking adding 2,602 of those jobs, placing it on the Top 20 Growing Industries list. *Support Activities for Rail Transportation* is estimated to be the fastest growing industry in the state increasing by 91.15 percent between 2014 and 2024. **Utilities** is expected to experience a net gain of 112 jobs by 2024, but an anticipated loss of 168 jobs in Natural Gas Distribution will be offset by gains in Electric Power Generation, Transmission and Distribution and Water, Sewage and Other Systems with 68 and 212 jobs respectively.

The **Information** supersector could lose 399 jobs during the projection period. The *Telecommunications* subsector could see a significant net loss of 571 jobs over the projections period, with 577 jobs lost in Wired Telecommunications Carriers. Newspaper, Periodical, Book, and Directory Publishers, of the *Publishing Industries (except Internet)* subsector, could see a loss of 149 jobs, a decline of 4.74 percent. Both industries place on the Top 20 Declining Industries list.

The **Financial Activities** supersector is projected to add 3,922 new jobs, with the **Finance and Insurance** sector accounting for 2,450 of those new jobs. Agencies, Brokerages, and Other Insurance Related Activities is expected to add 863 new jobs by 2024. Activities Related to Credit Intermediation should see a 15.67 percent growth over the projection period. The **Real Estate and Rental and Leasing** sector is predicted to increase by 1,472 jobs. More than half of those jobs could come in Activities Related to Real Estate, which is forecast to gain 789, an increase of 26.81 percent, placing it in the Top 20 Fastest Growing Industries list.

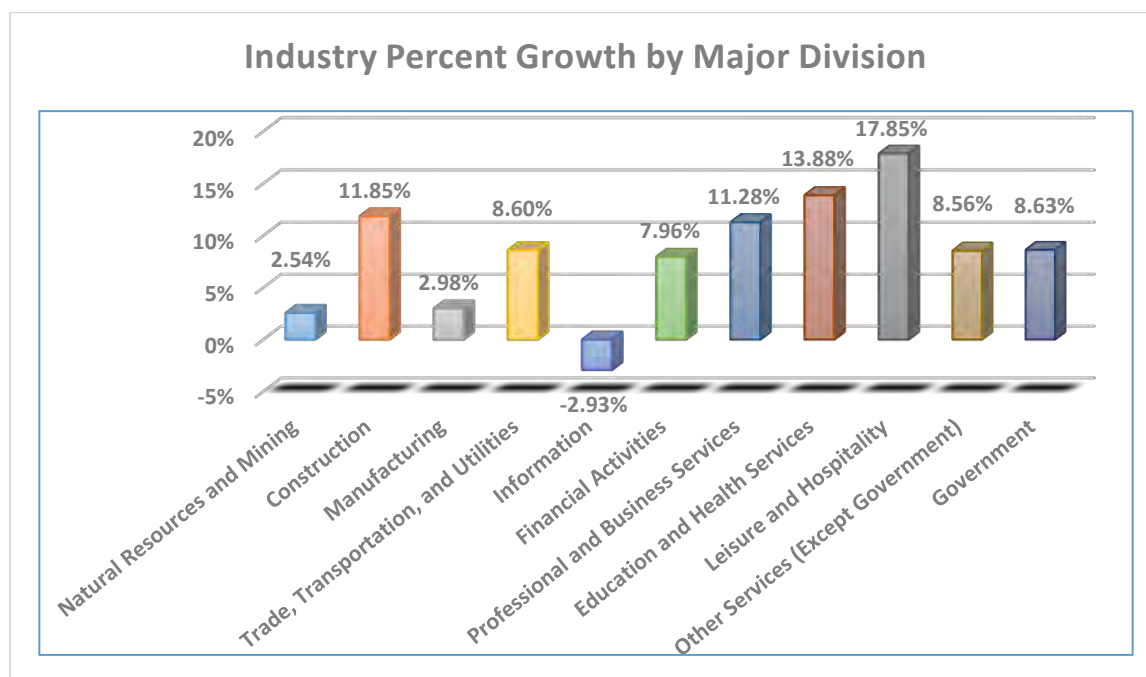
The **Professional and Business Services** supersector is expected to add 15,106 jobs by 2024. The **Administrative and Support and Waste Management and Remediation Services** sector could see the largest growth with 7,090 new jobs. Employment Services should see the most growth with an estimated 3,683 new jobs, placing it among the top 5 in the Top 20 Growing Industries list. **Professional, Scientific, and Technical Services** should anticipate 5,307 jobs over the projection period. Computer Systems Design and Related Services is estimated to gain 2,018 of those jobs. **Management of Companies and Enterprises** could see an increase of 2,709.

Education and Health Services is projected to be the top growing supersector in the state, with 38,712 new jobs being added by 2024. *Educational Services* could see a growth of 8,129 jobs. Colleges, Universities, and Professional Schools should see most of this growth with 3,444 jobs added. **Health Care and Social Assistance** could see the largest growth among industry sectors with 30,583 jobs expected. Of those jobs, 14,186 should be found in the *Ambulatory Health Care Services*. In all, nine industries in **Education and Health Services** made the Top 20 Growing Industries list and nine industries made the Top 20 Fastest Growing Industries list.

The **Leisure and Hospitality** supersector is expected to add 19,226 jobs during the projection period. At 17.85 percent, the supersector is projected to be the fastest growing. **Accommodation and Food Services** should lead the supersector with 18,377 new jobs projected and be the fastest growing sector in the state at 18.89 percent. The majority of these jobs could be found in *Food Services and Drinking Places*, with 17,579 jobs expected. Restaurants and Other Eating Places will see the most growth with 17,361 jobs, placing the industry at the top of the Top 20 Growing Industries list. **Arts, Entertainment, and Recreation** could see 849 new jobs over the projection period, with no losses expected in any of the sectors.

The **Other Services (Except Government)** supersector could add 3,827 new jobs by 2024. *Religious, Grantmaking, Civic, Professional, and Similar Organizations* could lead the supersector with 2,776 jobs. Personal Care Services could see 295 of the 320 new jobs found in the *Personal and Laundry Services* sector. Business, Professional, Labor, Political, and Similar Organizations could see the most loss with 311 between 2014 and 2024.

The **Government** supersector is projected to grow by 8,472 jobs during the 10-year period. *State, Government, Excluding Education and Hospitals* should see 3,634 new jobs, while *Local Government, Excluding Education and Hospitals* could see a growth of 4,681 new jobs, placing both on the Top 20 Growing Industries list. Postal Service should see a decrease of 676 jobs by 2024 as small short-term gains likely will not be enough to offset long-term losses. Federal Government, Excluding Post Office is expected to gain 833.



Top 20 Growing Industries by Net Growth

NAICS Code	NAICS Title	2014 Estimated Employment	2024 Projected Employment	Net Growth	Percent Growth
722500	Restaurants and Other Eating Places	82,277	99,638	17,361	21.10%
621100	Offices of Physicians	22,589	27,678	5,089	22.53%
999300	Local Government, Excluding Education and Hospitals	40,581	45,262	4,681	11.53%
622100	General Medical and Surgical Hospitals	46,976	50,689	3,713	7.90%
561300	Employment Services	25,161	28,844	3,683	14.64%
999200	State Government, Excluding Education and Hospitals	37,130	40,764	3,634	9.79%
611300	Colleges, Universities, and Professional Schools	25,433	28,877	3,444	13.54%
621300	Offices of Other Health Practitioners	7,546	10,943	3,397	45.02%
624100	Individual and Family Services	22,628	25,813	3,185	14.08%
813100	Religious Organizations	19,884	22,714	2,830	14.23%
623100	Nursing Care Facilities (Skilled Nursing Facilities)	22,436	25,245	2,809	12.52%
551000	Management of Companies and Enterprises	32,328	35,037	2,709	8.38%
238200	Building Equipment Contractors	15,251	17,954	2,703	17.72%
484100	General Freight Trucking	25,502	28,104	2,602	10.20%
425000	Wholesale Electronic Markets and Agents and Brokers	10,306	12,892	2,586	25.09%
611100	Elementary and Secondary Schools	72,552	74,982	2,430	3.35%
621400	Outpatient Care Centers	4,297	6,355	2,058	47.89%
541500	Computer Systems Design and Related Services	9,478	11,496	2,018	21.29%
611200	Junior Colleges	7,234	8,931	1,697	23.46%
541600	Management, Scientific, and Technical Consulting Services	5,723	7,243	1,520	26.56%

Top 20 Fastest Growing Industries by Percent Growth

NAICS Code	NAICS Title	2014 Estimated Employment	2024 Projected Employment	Net Growth	Percent Growth
488200	Support Activities for Rail Transportation	384	734	350	91.15%
621400	Outpatient Care Centers	4,297	6,355	2,058	47.89%
621300	Offices of Other Health Practitioners	7,546	10,943	3,397	45.02%
623300	Continuing Care Retirement Communities and Assisted Living Facilities for the Elderly	3,392	4,900	1,508	44.46%
485900	Other Transit and Ground Passenger Transportation	532	751	219	41.17%
621500	Medical and Diagnostic Laboratories	1,056	1,472	416	39.39%
332100	Forging and Stamping	317	440	123	38.80%
331100	Iron and Steel Mills and Ferroalloy Manufacturing	2,429	3,251	822	33.84%
622200	Psychiatric and Substance Abuse Hospitals	3,054	4,071	1,017	33.30%
621900	Other Ambulatory Health Care Services	2,445	3,250	805	32.92%
453300	Used Merchandise Stores	1,796	2,352	556	30.96%
454100	Electronic Shopping and Mail Order Houses	718	933	215	29.94%
623200	Residential Intellectual & Developmental Disability, Mental Health, & Substance Abuse Facilities	4,320	5,597	1,277	29.56%
611700	Educational Support Services	664	851	187	28.16%
622300	Specialty (except Psychiatric and Substance Abuse) Hospitals	2,181	2,792	611	28.01%
531300	Activities Related to Real Estate	2,943	3,732	789	26.81%
541600	Management, Scientific, and Technical Consulting Services	5,723	7,243	1,520	26.56%
511200	Software Publishers	299	376	77	25.75%
561200	Facilities Support Services	212	266	54	25.47%
425000	Wholesale Electronic Markets and Agents and Brokers	10,306	12,892	2,586	25.09%

Top 20 Declining Industries by Net Growth

NAICS Code	NAICS Title	2014 Estimated Employment	2024 Projected Employment	Net Growth	Percent Growth
491100	Postal Service	5,406	4,730	-676	-12.50%
517100	Wired Telecommunications Carriers	3,574	2,997	-577	-16.14%
311400	Fruit and Vegetable Preserving and Specialty Food Manufacturing	4,427	4,108	-319	-7.21%
813900	Business, Professional, Labor, Political, and Similar Organizations	2,764	2,453	-311	-11.25%
424900	Miscellaneous Nondurable Goods Merchant Wholesalers	3,714	3,439	-275	-7.40%
337100	Household and Institutional Furniture & Kitchen Cabinet Manufacturing	2,382	2,131	-251	-10.54%
332200	Cutlery and Handtool Manufacturing	662	412	-250	-37.76%
322100	Pulp, Paper, and Paperboard Mills	4,111	3,869	-242	-5.89%
331200	Steel Product Manufacturing from Purchased Steel	3,048	2,831	-217	-7.12%
814000	Private Households	972	780	-192	-19.75%
335300	Electrical Equipment Manufacturing	3,428	3,250	-178	-5.19%
339900	Other Miscellaneous Manufacturing	1,717	1,545	-172	-10.02%
221200	Natural Gas Distribution	1,368	1,200	-168	-12.28%
337200	Office Furniture (including Fixtures) Manufacturing	946	790	-156	-16.49%
511100	Newspaper, Periodical, Book, and Directory Publishers	3,142	2,993	-149	-4.74%
113300	Logging	2,077	1,929	-148	-7.13%
321900	Other Wood Product Manufacturing	2,842	2,704	-138	-4.86%
333400	Ventilation, Heating, Air-Conditioning, and Commercial Refrigeration Equipment Manufacturing	3,058	2,921	-137	-4.48%
331300	Alumina and Aluminum Production	1,243	1,109	-134	-10.78%
325100	Basic Chemical Manufacturing	1,773	1,646	-127	-7.16%

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

NAICS Code	NAICS Title	2014 Estimated Employment	2024 Projected Employment	Net Growth	Percent Growth
332200	Cutlery and Handtool Manufacturing	662	412	-250	-37.76%
314100	Textile Furnishings Mills	35	23	-12	-34.29%
315900	Apparel Accessories and Other Apparel Manufacturing	109	76	-33	-30.28%
315200	Cut and Sew Apparel Manufacturing	150	112	-38	-25.33%
611400	Business Schools and Computer and Management Training	99	75	-24	-24.24%
327400	Lime and Gypsum Product Manufacturing	250	192	-58	-23.20%
454200	Vending Machine Operators	421	324	-97	-23.04%
311300	Sugar and Confectionery Product Manufacturing	23	18	-5	-21.74%
814000	Private Households	972	780	-192	-19.75%
561500	Travel Arrangement and Reservation Services	364	301	-63	-17.31%
337200	Office Furniture (including Fixtures) Manufacturing	946	790	-156	-16.49%
517100	Wired Telecommunications Carriers	3,574	2,997	-577	-16.14%
237200	Land Subdivision	138	116	-22	-15.94%
325300	Pesticide, Fertilizer, and Other Agricultural Chemical Manufacturing	346	292	-54	-15.61%
487000	Scenic and Sightseeing Transportation	39	33	-6	-15.38%
517900	Other Telecommunications	341	293	-48	-14.08%
481200	Nonscheduled Air Transportation	64	55	-9	-14.06%
711500	Independent Artists, Writers, and Performers	70	61	-9	-12.86%
491100	Postal Service	5,406	4,730	-676	-12.50%
221200	Natural Gas Distribution	1,368	1,200	-168	-12.28%

2014-2024 Long-Term Industry Projections

NAICS Code	NAICS Title	2014 Estimated Employment	2024 Projected Employment	Net Growth	Percent Growth
000000	TOTAL ALL INDUSTRIES	1,312,445	1,442,530	130,085	9.91%
000671	Total Self Employed and Unpaid Family Workers, All Jobs	122,187	131,856	9,669	7.91%
006010	<i>Self Employed Workers, All Jobs</i>	117,019	126,803	9,784	8.36%
007010	<i>Unpaid Family Workers, All Jobs</i>	5,168	5,053	-115	-2.23%
101000	Goods Producing	219,946	230,492	10,546	4.79%
101100	NATURAL RESOURCES AND MINING	19,630	20,128	498	2.54%
110000	<i>Agriculture, Forestry, Fishing and Hunting</i>	12,876	13,177	301	2.34%
111000	<i>Crop Production</i>	4,507	4,754	247	5.48%
112000	<i>Animal Production</i>	3,064	3,006	-58	-1.89%
113000	<i>Forestry and Logging</i>	2,274	2,141	-133	-5.85%
113132	Forestry	197	212	15	7.61%
113300	Logging	2,077	1,929	-148	-7.13%
114000	<i>Fishing, Hunting and Trapping</i>	20	18	-2	-10.00%
115000	<i>Support Activities for Agriculture and Forestry</i>	3,011	3,258	247	8.20%
210000	<i>Mining</i>	6,754	6,951	197	2.92%
211000	<i>Oil and Gas Extraction</i>	1,413	1,314	-99	-7.01%
212000	<i>Mining (except Oil and Gas)</i>	1,745	1,632	-113	-6.48%
213000	<i>Support Activities for Mining</i>	3,596	4,005	409	11.37%
101200	CONSTRUCTION	46,071	51,529	5,458	11.85%
236000	<i>Construction of Buildings</i>	9,366	10,609	1,243	13.27%
236100	Residential Building Construction	2,842	3,045	203	7.14%
236200	Nonresidential Building Construction	6,524	7,564	1,040	15.94%

2014-2024 Long-Term Industry Projections

NAICS Code	NAICS Title	2014 Estimated Employment	2024 Projected Employment	Net Growth	Percent Growth
237000	<i>Heavy and Civil Engineering Construction</i>	7,686	7,820	134	1.74%
237100	Utility System Construction	4,112	4,039	-73	-1.78%
237200	Land Subdivision	138	116	-22	-15.94%
237300	Highway, Street, and Bridge Construction	2,891	3,186	295	10.20%
237900	Other Heavy and Civil Engineering Construction	545	479	-66	-12.11%
238000	<i>Specialty Trade Contractors</i>	29,019	33,100	4,081	14.06%
238100	Foundation, Structure, and Building Exterior Contractors	5,705	6,478	773	13.55%
238200	Building Equipment Contractors	15,251	17,954	2,703	17.72%
238300	Building Finishing Contractors	3,643	3,888	245	6.73%
238900	Other Specialty Trade Contractors	4,420	4,780	360	8.14%
101300	MANUFACTURING	154,245	158,835	4,590	2.98%
	<i>Non-Durable Goods Manufacturing</i>	77,860	80,133	2,273	2.92%
311000	<i>Food Manufacturing</i>	42,968	44,411	1,443	3.36%
311100	Animal Food Manufacturing	1,494	1,644	150	10.04%
311200	Grain and Oilseed Milling	2,467	2,447	-20	-0.81%
311300	Sugar and Confectionery Product Manufacturing	23	18	-5	-21.74%
311400	Fruit and Vegetable Preserving and Specialty Food Manufacturing	4,427	4,108	-319	-7.21%
311500	Dairy Product Manufacturing	522	498	-24	-4.60%
311600	Animal Slaughtering and Processing	28,939	30,216	1,277	4.41%
311700	Seafood Product Preparation and Packaging	39	36	-3	-7.69%
311800	Bakeries and Tortilla Manufacturing	3,250	3,441	191	5.88%
311900	Other Food Manufacturing	1,807	2,003	196	10.85%
312000	<i>Beverage and Tobacco Product Manufacturing</i>	1,159	1,312	153	13.20%
313000	<i>Textile Mills</i>	66	51	-15	-22.73%
314000	<i>Textile Product Mills</i>	877	875	-2	-0.23%
314100	Textile Furnishings Mills	35	23	-12	-34.29%
314900	Other Textile Product Mills	842	852	10	1.19%

2014-2024 Long-Term Industry Projections

NAICS Code	NAICS Title	2014 Estimated Employment	2024 Projected Employment	Net Growth	Percent Growth
315000	<i>Apparel Manufacturing</i>	856	817	-39	-4.56%
315100	Apparel Knitting Mills	597	629	32	5.36%
315200	Cut and Sew Apparel Manufacturing	150	112	-38	-25.33%
315900	Apparel Accessories and Other Apparel Manufacturing	109	76	-33	-30.28%
316000	<i>Leather and Allied Product Manufacturing</i>	1,030	780	-250	-24.27%
322000	<i>Paper Manufacturing</i>	9,650	9,685	35	0.36%
322100	Pulp, Paper, and Paperboard Mills	4,111	3,869	-242	-5.89%
322200	Converted Paper Product Manufacturing	5,539	5,816	277	5.00%
323000	<i>Printing and Related Support Activities</i>	3,963	3,919	-44	-1.11%
324000	<i>Petroleum and Coal Products Manufacturing</i>	1,086	1,148	62	5.71%
325000	<i>Chemical Manufacturing</i>	5,054	5,253	199	3.94%
325100	Basic Chemical Manufacturing	1,773	1,646	-127	-7.16%
325200	Resin, Synthetic Rubber, and Artificial Synthetic Fibers and Filaments Manufacturing	295	348	53	17.97%
325300	Pesticide, Fertilizer, and Other Agricultural Chemical Manufacturing	346	292	-54	-15.61%
325400	Pharmaceutical and Medicine Manufacturing	264	321	57	21.59%
325500	Paint, Coating, and Adhesive Manufacturing	268	277	9	3.36%
325600	Soap, Cleaning Compound, and Toilet Preparation Manufacturing	1,225	1,359	134	10.94%
325900	Other Chemical Product and Preparation Manufacturing	883	1,010	127	14.38%
326000	<i>Plastics and Rubber Products Manufacturing</i>	11,151	11,882	731	6.56%
326100	Plastics Product Manufacturing	6,920	7,306	386	5.58%
326200	Rubber Product Manufacturing	4,231	4,576	345	8.15%
	<i>Durable Goods Manufacturing</i>	76,385	78,702	2,317	3.03%
321000	<i>Wood Product Manufacturing</i>	9,161	9,282	121	1.32%
321100	Sawmills and Wood Preservation	4,336	4,559	223	5.14%
321200	Veneer, Plywood, and Engineered Wood Product Manufacturing	1,983	2,019	36	1.82%
321900	Other Wood Product Manufacturing	2,842	2,704	-138	-4.86%

2014-2024 Long-Term Industry Projections					
NAICS Code	NAICS Title	2014 Estimated Employment	2024 Projected Employment	Net Growth	Percent Growth
327000	<i>Nonmetallic Mineral Product Manufacturing</i>	3,675	3,575	-100	-2.72%
327100	Clay Product and Refractory Manufacturing	395	409	14	3.54%
327200	Glass and Glass Product Manufacturing	382	354	-28	-7.33%
327300	Cement and Concrete Product Manufacturing	1,989	1,908	-81	-4.07%
327400	Lime and Gypsum Product Manufacturing	250	192	-58	-23.20%
327900	Other Nonmetallic Mineral Product Manufacturing	659	712	53	8.04%
331000	<i>Primary Metal Manufacturing</i>	9,911	10,487	576	5.81%
331100	Iron and Steel Mills and Ferroalloy Manufacturing	2,429	3,251	822	33.84%
331200	Steel Product Manufacturing from Purchased Steel	3,048	2,831	-217	-7.12%
331300	Alumina and Aluminum Production	1,243	1,109	-134	-10.78%
331400	Nonferrous Metal (except Aluminum) Production and Processing	598	560	-38	-6.35%
331500	Foundries	2,593	2,736	143	5.51%
332000	<i>Fabricated Metal Product Manufacturing</i>	14,808	15,656	848	5.73%
332100	Forging and Stamping	317	440	123	38.80%
332200	Cutlery and Handtool Manufacturing	662	412	-250	-37.76%
332300	Architectural and Structural Metals Manufacturing	3,844	4,169	325	8.45%
332400	Boiler, Tank, and Shipping Container Manufacturing	795	825	30	3.77%
332500	Hardware Manufacturing	283	265	-18	-6.36%
332600	Spring and Wire Product Manufacturing	395	361	-34	-8.61%
332700	Machine Shops; Turned Product; and Screw, Nut, and Bolt Manufacturing	2,001	2,178	177	8.85%
332800	Coating, Engraving, Heat Treating, and Allied Activities	686	785	99	14.43%
332900	Other Fabricated Metal Product Manufacturing	5,825	6,221	396	6.80%
333000	<i>Machinery Manufacturing</i>	11,147	11,582	435	3.90%
333100	Agriculture, Construction, and Mining Machinery Manufacturing	2,806	3,121	315	11.23%
333200	Industrial Machinery Manufacturing	679	709	30	4.42%
333300	Commercial and Service Industry Machinery Manufacturing	764	684	-80	-10.47%
333400	Ventilation, Heating, Air-Conditioning, and Commercial Refrigeration Equipment Manufacturing	3,058	2,921	-137	-4.48%
333500	Metalworking Machinery Manufacturing	1,160	1,199	39	3.36%

2014-2024 Long-Term Industry Projections

NAICS Code	NAICS Title	2014 Estimated Employment	2024 Projected Employment	Net Growth	Percent Growth
333600	Engine, Turbine, and Power Transmission Equipment Manufacturing	646	739	93	14.40%
333900	Other General Purpose Machinery Manufacturing	2,034	2,209	175	8.60%
<i>334000</i>	<i>Computer and Electronic Product Manufacturing</i>	<i>2,504</i>	<i>2,567</i>	<i>63</i>	<i>2.52%</i>
334400	Semiconductor and Other Electronic Component Manufacturing	1,670	1,876	206	12.34%
334500	Navigational, Measuring, Electromedical, and Control Instruments Manufacturing	505	451	-54	-10.69%
	Other	329	240	-89	-27.05%
<i>335000</i>	<i>Electrical Equipment, Appliance, and Component Manufacturing</i>	<i>5,418</i>	<i>5,063</i>	<i>-355</i>	<i>-6.55%</i>
335300	Electrical Equipment Manufacturing	3,428	3,250	-178	-5.19%
335900	Other Electrical Equipment and Component Manufacturing	1,576	1,469	-107	-6.79%
	Other	414	344	-70	-16.91%
<i>336000</i>	<i>Transportation Equipment Manufacturing</i>	<i>12,992</i>	<i>14,148</i>	<i>1,156</i>	<i>8.90%</i>
336200	Motor Vehicle Body and Trailer Manufacturing	1,767	2,021	254	14.37%
336300	Motor Vehicle Parts Manufacturing	4,553	4,713	160	3.51%
336400	Aerospace Product and Parts Manufacturing	3,305	3,622	317	9.59%
336600	Ship and Boat Building	1,668	1,810	142	8.51%
	Other	1,699	1,982	283	16.66%
<i>337000</i>	<i>Furniture and Related Product Manufacturing</i>	<i>3,430</i>	<i>3,013</i>	<i>-417</i>	<i>-12.16%</i>
337100	Household and Institutional Furniture & Kitchen Cabinet Manufacturing	2,382	2,131	-251	-10.54%
337200	Office Furniture (including Fixtures) Manufacturing	946	790	-156	-16.49%
337900	Other Furniture Related Product Manufacturing	102	92	-10	-9.80%
<i>339000</i>	<i>Miscellaneous Manufacturing</i>	<i>3,339</i>	<i>3,329</i>	<i>-10</i>	<i>-0.30%</i>
339100	Medical Equipment and Supplies Manufacturing	1,622	1,784	162	9.99%
339900	Other Miscellaneous Manufacturing	1,717	1,545	-172	-10.02%
102000	Services Providing	970,312	1,080,182	109,870	11.32%
102100	TRADE, TRANSPORTATION, AND UTILITIES	244,148	265,152	21,004	8.60%

2014-2024 Long-Term Industry Projections

NAICS Code	NAICS Title	2014 Estimated Employment	2024 Projected Employment	Net Growth	Percent Growth
420000	<i>Wholesale Trade</i>	46,618	51,515	4,897	10.50%
423000	<i>Merchant Wholesalers, Durable Goods</i>	20,821	22,633	1,812	8.70%
423100	Motor Vehicle and Motor Vehicle Parts and Supplies Merchant Wholesalers	2,665	2,908	243	9.12%
423200	Furniture and Home Furnishing Merchant Wholesalers	451	424	-27	-5.99%
423300	Lumber and Other Construction Materials Merchant Wholesalers	1,361	1,435	74	5.44%
423400	Professional and Commercial Equipment and Supplies Merchant Wholesalers	2,669	3,027	358	13.41%
423500	Metal and Mineral (except Petroleum) Merchant Wholesalers	899	1,083	184	20.47%
423600	Household Appliances & Electrical and Electronic Goods Merchant Wholesalers	1,853	1,938	85	4.59%
423700	Hardware, and Plumbing and Heating Equipment and Supplies Merchant Wholesalers	2,236	2,422	186	8.32%
423800	Machinery, Equipment, and Supplies Merchant Wholesalers	6,668	7,047	379	5.68%
423900	Miscellaneous Durable Goods Merchant Wholesalers	2,019	2,349	330	16.34%
424000	<i>Merchant Wholesalers, Nondurable Goods</i>	15,491	15,990	499	3.22%
424100	Paper and Paper Product Merchant Wholesalers	1,133	1,199	66	5.83%
424200	Drugs and Druggists' Sundries Merchant Wholesalers	624	593	-31	-4.97%
424300	Apparel, Piece Goods, and Notions Merchant Wholesalers	634	753	119	18.77%
424400	Grocery and Related Product Wholesalers	4,556	4,636	80	1.76%
424500	Farm Product Raw Material Merchant Wholesalers	877	937	60	6.84%
424600	Chemical and Allied Products Merchant Wholesalers	672	795	123	18.30%
424700	Petroleum and Petroleum Products Merchant Wholesalers	1,815	1,968	153	8.43%
424800	Beer, Wine, and Distilled Alcoholic Beverage Merchant Wholesalers	1,466	1,670	204	13.92%
424900	Miscellaneous Nondurable Goods Merchant Wholesalers	3,714	3,439	-275	-7.40%
425000	<i>Wholesale Electronic Markets and Agents and Brokers</i>	10,306	12,892	2,586	25.09%
440000	<i>Retail Trade</i>	136,201	147,196	10,995	8.07%
441000	<i>Motor Vehicle and Parts Dealers</i>	18,284	19,485	1,201	6.57%
441100	Automobile Dealers	11,079	12,003	924	8.34%
441200	Other Motor Vehicle Dealers	1,487	1,574	87	5.85%
441300	Automotive Parts, Accessories, and Tire Stores	5,718	5,908	190	3.32%
442000	<i>Furniture and Home Furnishings Stores</i>	3,465	3,638	173	4.99%

2014-2024 Long-Term Industry Projections

NAICS Code	NAICS Title	2014 Estimated Employment	2024 Projected Employment	Net Growth	Percent Growth
442100	Furniture Stores	1,953	2,041	88	4.51%
442200	Home Furnishings Stores	1,512	1,597	85	5.62%
443000	<i>Electronics and Appliance Stores</i>	3,727	3,789	62	1.66%
444000	<i>Building Material and Garden Equipment and Supplies Dealers</i>	10,744	11,323	579	5.39%
444100	Building Material and Supplies Dealers	9,354	9,768	414	4.43%
444200	Lawn and Garden Equipment and Supplies Stores	1,390	1,555	165	11.87%
445000	<i>Food and Beverage Stores</i>	18,529	19,062	533	2.88%
445100	Grocery Stores	16,067	16,395	328	2.04%
445200	Specialty Food Stores	790	808	18	2.28%
445300	Beer, Wine, and Liquor Stores	1,672	1,859	187	11.18%
446000	<i>Health and Personal Care Stores</i>	7,933	8,387	454	5.72%
447000	<i>Gasoline Stations</i>	12,179	12,846	667	5.48%
448000	<i>Clothing and Clothing Accessories Stores</i>	8,352	8,900	548	6.56%
448100	Clothing Stores	6,423	6,936	513	7.99%
448200	Shoe Stores	1,157	1,136	-21	-1.82%
448300	Jewelry, Luggage, and Leather Goods Stores	772	828	56	7.25%
451000	<i>Sporting Goods, Hobby, Book, and Music Stores</i>	4,725	5,566	841	17.80%
451100	Sporting Goods, Hobby, and Musical Instrument Stores	4,204	5,060	856	20.36%
451200	Book, Periodical, and Music Stores	521	506	-15	-2.88%
452000	<i>General Merchandise Stores</i>	39,254	44,540	5,286	13.47%
453000	<i>Miscellaneous Store Retailers</i>	7,185	7,799	614	8.55%
453100	Florists	690	636	-54	-7.83%
453200	Office Supplies, Stationery, and Gift Stores	2,077	1,961	-116	-5.58%
453300	Used Merchandise Stores	1,796	2,352	556	30.96%
453900	Other Miscellaneous Store Retailers	2,622	2,850	228	8.70%
454000	<i>Nonstore Retailers</i>	1,824	1,861	37	2.03%
454100	Electronic Shopping and Mail Order Houses	718	933	215	29.94%
454200	Vending Machine Operators	421	324	-97	-23.04%
454300	Direct Selling Establishments	685	604	-81	-11.82%

2014-2024 Long-Term Industry Projections

NAICS Code	NAICS Title	2014 Estimated Employment	2024 Projected Employment	Net Growth	Percent Growth
480000	<i>Transportation and Warehousing</i>	53,424	58,424	5,000	9.36%
481000	<i>Air Transportation</i>	608	650	42	6.91%
481100	Scheduled Air Transportation	544	595	51	9.38%
481200	Nonscheduled Air Transportation	64	55	-9	-14.06%
484000	<i>Truck Transportation</i>	32,040	35,548	3,508	10.95%
484100	General Freight Trucking	25,502	28,104	2,602	10.20%
484200	Specialized Freight Trucking	6,538	7,444	906	13.86%
485000	<i>Transit and Ground Passenger Transportation</i>	1,598	1,910	312	19.52%
485300	Taxi and Limousine Service	441	513	72	16.33%
485400	School and Employee Bus Transportation	442	457	15	3.39%
485500	Charter Bus Industry	101	104	3	2.97%
485900	Other Transit and Ground Passenger Transportation	532	751	219	41.17%
	Other	82	85	3	3.66%
486000	<i>Pipeline Transportation</i>	508	332	-176	-34.65%
487000	<i>Scenic and Sightseeing Transportation</i>	39	33	-6	-15.38%
488000	<i>Support Activities for Transportation</i>	4,744	5,552	808	17.03%
488100	Support Activities for Air Transportation	1,161	1,172	11	0.95%
488200	Support Activities for Rail Transportation	384	734	350	91.15%
488300	Support Activities for Water Transportation	685	744	59	8.61%
488400	Support Activities for Road Transportation	704	859	155	22.02%
488500	Freight Transportation Arrangement	1,708	1,930	222	13.00%
488900	Other Support Activities for Transportation	102	113	11	10.78%
492000	<i>Couriers and Messengers</i>	3,152	3,288	136	4.31%
493000	<i>Warehousing and Storage</i>	7,182	7,655	473	6.59%
	Other	3,553	3,456	-97	-2.73%
220000	<i>Utilities</i>	7,905	8,017	112	1.42%
221100	Electric Power Generation, Transmission and Distribution	5,604	5,672	68	1.21%
221200	Natural Gas Distribution	1,368	1,200	-168	-12.28%

2014-2024 Long-Term Industry Projections

NAICS Code	NAICS Title	2014 Estimated Employment	2024 Projected Employment	Net Growth	Percent Growth
221300	Water, Sewage and Other Systems	933	1,145	212	22.72%
102200	INFORMATION	13,605	13,206	-399	-2.93%
<i>511000</i>	<i>Publishing Industries (except Internet)</i>	<i>3,441</i>	<i>3,369</i>	<i>-72</i>	<i>-2.09%</i>
511100	Newspaper, Periodical, Book, and Directory Publishers	3,142	2,993	-149	-4.74%
511200	Software Publishers	299	376	77	25.75%
<i>512000</i>	<i>Motion Picture and Sound Recording Industries</i>	<i>1,078</i>	<i>1,189</i>	<i>111</i>	<i>10.30%</i>
512100	Motion Picture and Video Industries	1,050	1,159	109	10.38%
512200	Sound Recording Industries	28	30	2	7.14%
<i>515000</i>	<i>Broadcasting (except Internet)</i>	<i>1,637</i>	<i>1,546</i>	<i>-91</i>	<i>-5.56%</i>
515100	Radio and Television Broadcasting	1,605	1,516	-89	-5.55%
515200	Cable and Other Subscription Programming	32	30	-2	-6.25%
<i>517000</i>	<i>Telecommunications</i>	<i>5,710</i>	<i>5,139</i>	<i>-571</i>	<i>-10.00%</i>
517100	Wired Telecommunications Carriers	3,574	2,997	-577	-16.14%
517200	Wireless Telecommunications Carriers (except Satellite)	1,795	1,849	54	3.01%
517900	Other Telecommunications	341	293	-48	-14.08%
<i>518000</i>	<i>Data Processing, Hosting and Related Services</i>	<i>1,407</i>	<i>1,612</i>	<i>205</i>	<i>14.57%</i>
<i>519000</i>	<i>Other Information Services</i>	<i>332</i>	<i>351</i>	<i>19</i>	<i>5.72%</i>
102300	FINANCIAL ACTIVITIES	49,300	53,222	3,922	7.96%
520000	Finance and Insurance	36,333	38,783	2,450	6.74%
<i>522000</i>	<i>Credit Intermediation and Related Activities</i>	<i>19,048</i>	<i>19,740</i>	<i>692</i>	<i>3.63%</i>
522100	Depository Credit Intermediation	16,248	16,734	486	2.99%
522200	Nondepository Credit Intermediation	2,315	2,445	130	5.62%
522300	Activities Related to Credit Intermediation	485	561	76	15.67%
<i>523000</i>	<i>Securities, Commodity Contracts, and Other Financial Investments and Related Activities</i>	<i>3,052</i>	<i>3,520</i>	<i>468</i>	<i>15.33%</i>

2014-2024 Long-Term Industry Projections

NAICS Code	NAICS Title	2014 Estimated Employment	2024 Projected Employment	Net Growth	Percent Growth
524000	<i>Insurance Carriers and Related Activities</i>	14,157	15,442	1,285	9.08%
524100	Insurance Carriers	6,960	7,382	422	6.06%
524200	Agencies, Brokerages, and Other Insurance Related Activities	7,197	8,060	863	11.99%
	<i>Other</i>	76	81	5	6.58%
530000	<i>Real Estate and Rental and Leasing</i>	12,967	14,439	1,472	11.35%
531000	<i>Real Estate</i>	8,621	9,787	1,166	13.53%
531100	Lessors of Real Estate	4,046	4,168	122	3.02%
531200	Offices of Real Estate Agents and Brokers	1,632	1,887	255	15.63%
531300	Activities Related to Real Estate	2,943	3,732	789	26.81%
532000	<i>Rental and Leasing Services</i>	4,281	4,584	303	7.08%
532100	Automotive Equipment Rental and Leasing	890	920	30	3.37%
532200	Consumer Goods Rental	2,030	2,168	138	6.80%
532300	General Rental Centers	220	220	0	0.00%
532400	Commercial and Industrial Machinery and Equipment Rental and Leasing	1,141	1,276	135	11.83%
533000	<i>Lessors of Nonfinancial Intangible Assets (except Copyrighted Works)</i>	65	68	3	4.62%
102400	PROFESSIONAL AND BUSINESS SERVICES	133,879	148,985	15,106	11.28%
540000	<i>Professional, Scientific, and Technical Services</i>	40,639	45,946	5,307	13.06%
541100	Legal Services	6,125	6,620	495	8.08%
541200	Accounting, Tax Preparation, Bookkeeping, and Payroll Services	5,152	5,348	196	3.80%
541300	Architectural, Engineering, and Related Services	5,779	6,240	461	7.98%
541400	Specialized Design Services	441	466	25	5.67%
541500	Computer Systems Design and Related Services	9,478	11,496	2,018	21.29%
541600	Management, Scientific, and Technical Consulting Services	5,723	7,243	1,520	26.56%
541700	Scientific Research and Development Services	896	951	55	6.14%
541800	Advertising, Public Relations, and Related Services	3,387	3,758	371	10.95%
541900	Other Professional, Scientific, and Technical Services	3,658	3,824	166	4.54%

2014-2024 Long-Term Industry Projections

NAICS Code	NAICS Title	2014 Estimated Employment	2024 Projected Employment	Net Growth	Percent Growth
551000	<i>Management of Companies and Enterprises</i>	32,328	35,037	2,709	8.38%
560000	<i>Administrative and Support and Waste Management and Remediation Services</i>	60,912	68,002	7,090	11.64%
561000	<i>Administrative and Support Services</i>	57,894	64,399	6,505	11.24%
561100	Office Administrative Services	3,916	4,770	854	21.81%
561200	Facilities Support Services	212	266	54	25.47%
561300	Employment Services	25,161	28,844	3,683	14.64%
561400	Business Support Services	7,901	8,729	828	10.48%
561500	Travel Arrangement and Reservation Services	364	301	-63	-17.31%
561600	Investigation and Security Services	4,621	5,044	423	9.15%
561700	Services to Buildings and Dwellings	14,310	14,933	623	4.35%
561900	Other Support Services	1,409	1,512	103	7.31%
562000	<i>Waste Management and Remediation Services</i>	3,018	3,603	585	19.38%
562100	Waste Collection	1,091	1,332	241	22.09%
562200	Waste Treatment and Disposal	836	916	80	9.57%
562900	Remediation and Other Waste Management Services	1,091	1,355	264	24.20%
102500	EDUCATION AND HEALTH SERVICES	278,838	317,550	38,712	13.88%
610000	<i>Educational Services</i>	108,841	116,970	8,129	7.47%
611100	Elementary and Secondary Schools	72,552	74,982	2,430	3.35%
611200	Junior Colleges	7,234	8,931	1,697	23.46%
611300	Colleges, Universities, and Professional Schools	25,433	28,877	3,444	13.54%
611400	Business Schools and Computer and Management Training	99	75	-24	-24.24%
611500	Technical and Trade Schools	1,238	1,355	117	9.45%
611600	Other Schools and Instruction	1,621	1,899	278	17.15%
611700	Educational Support Services	664	851	187	28.16%
620000	<i>Health Care and Social Assistance</i>	169,997	200,580	30,583	17.99%
621000	<i>Ambulatory Health Care Services</i>	49,567	63,753	14,186	28.62%

2014-2024 Long-Term Industry Projections					
NAICS Code	NAICS Title	2014 Estimated Employment	2024 Projected Employment	Net Growth	Percent Growth
621100	Offices of Physicians	22,589	27,678	5,089	22.53%
621200	Offices of Dentists	7,029	8,382	1,353	19.25%
621300	Offices of Other Health Practitioners	7,546	10,943	3,397	45.02%
621400	Outpatient Care Centers	4,297	6,355	2,058	47.89%
621500	Medical and Diagnostic Laboratories	1,056	1,472	416	39.39%
621600	Home Health Care Services	4,605	5,673	1,068	23.19%
621900	Other Ambulatory Health Care Services	2,445	3,250	805	32.92%
622000	Hospitals	52,211	57,552	5,341	10.23%
622100	General Medical and Surgical Hospitals	46,976	50,689	3,713	7.90%
622200	Psychiatric and Substance Abuse Hospitals	3,054	4,071	1,017	33.30%
622300	Specialty (except Psychiatric and Substance Abuse) Hospitals	2,181	2,792	611	28.01%
623000	Nursing and Residential Care Facilities	31,209	36,762	5,553	17.79%
623100	Nursing Care Facilities (Skilled Nursing Facilities)	22,436	25,245	2,809	12.52%
623200	Residential Intellectual & Developmental Disability, Mental Health, & Substance Abuse Facilities	4,320	5,597	1,277	29.56%
623300	Continuing Care Retirement Communities and Assisted Living Facilities for the Elderly	3,392	4,900	1,508	44.46%
623900	Other Residential Care Facilities	1,061	1,020	-41	-3.86%
624000	Social Assistance	37,010	42,513	5,503	14.87%
624100	Individual and Family Services	22,628	25,813	3,185	14.08%
624200	Community Food and Housing, and Emergency and Other Relief Services	1,302	1,528	226	17.36%
624300	Vocational Rehabilitation Services	3,480	4,177	697	20.03%
624400	Child Day Care Services	9,600	10,995	1,395	14.53%
102600	LEISURE AND HOSPITALITY	107,695	126,921	19,226	17.85%
710000	Arts, Entertainment, and Recreation	10,434	11,283	849	8.14%
711000	Performing Arts, Spectator Sports, and Related Industries	2,534	2,765	231	9.12%
711100	Performing Arts Companies	484	497	13	2.69%
711200	Spectator Sports	1,364	1,523	159	11.66%

2014-2024 Long-Term Industry Projections

NAICS Code	NAICS Title	2014 Estimated Employment	2024 Projected Employment	Net Growth	Percent Growth
711300	Promoters of Performing Arts, Sports, and Similar Events	580	649	69	11.90%
711400	Agents and Managers for Artists, Athletes, Entertainers, and Other Public Figures	36	35	-1	-2.78%
711500	Independent Artists, Writers, and Performers	70	61	-9	-12.86%
712000	<i>Museums, Historical Sites, and Similar Institution</i>	536	621	85	15.86%
713000	<i>Amusement, Gambling, and Recreation Industries</i>	7,364	7,897	533	7.24%
720000	Accommodation and Food Services	97,261	115,638	18,377	18.89%
721000	<i>Accommodation, including Hotels and Motels</i>	11,037	11,835	798	7.23%
721100	Traveler Accommodation	10,404	11,068	664	6.38%
721200	RV (Recreational Vehicle) Parks and Recreational Camps	541	670	129	23.84%
721300	Rooming and Boarding Houses	92	97	5	5.43%
722000	<i>Food Services and Drinking Places</i>	86,224	103,803	17,579	20.39%
722300	Special Food Services	2,793	2,945	152	5.44%
722400	Drinking Places (Alcoholic Beverages)	1,154	1,220	66	5.72%
722500	Restaurants and Other Eating Places	82,277	99,638	17,361	21.10%
102700	OTHER SERVICES (EXCEPT GOVERNMENT)	44,733	48,560	3,827	8.56%
811000	<i>Repair and Maintenance</i>	9,683	10,606	923	9.53%
811100	Automotive Repair and Maintenance	6,065	6,654	589	9.71%
811200	Electronic and Precision Equipment Repair and Maintenance	773	817	44	5.69%
811300	Commercial and Industrial Machinery and Equipment (except Automotive and Electronic) Repair and Maintenance	2,245	2,547	302	13.45%
811400	Personal and Household Goods Repair and Maintenance	600	588	-12	-2.00%
812000	<i>Personal and Laundry Services</i>	8,004	8,324	320	4.00%
812100	Personal Care Services	2,821	3,116	295	10.46%
812200	Death Care Services	1,586	1,636	50	3.15%
812300	Drycleaning and Laundry Services	2,850	2,757	-93	-3.26%
812900	Other Personal Services	747	815	68	9.10%
813000	<i>Religious, Grantmaking, Civic, Professional, and Similar Organizations</i>	26,074	28,850	2,776	10.65%

2014-2024 Long-Term Industry Projections					
NAICS Code	NAICS Title	2014 Estimated Employment	2024 Projected Employment	Net Growth	Percent Growth
813100	Religious Organizations	19,884	22,714	2,830	14.23%
813200	Grantmaking and Giving Services	521	562	41	7.87%
813300	Social Advocacy Organizations	1,668	1,873	205	12.29%
813400	Civic and Social Organizations	1,237	1,248	11	0.89%
813900	Business, Professional, Labor, Political, and Similar Organizations	2,764	2,453	-311	-11.25%
814000	<i>Private Households</i>	972	780	-192	-19.75%
102800	GOVERNMENT	98,114	106,586	8,472	8.63%
910000	<i>Total Federal Government Employment</i>	20,403	20,560	157	0.77%
491100	Postal Service	5,406	4,730	-676	-12.50%
999100	Federal Government, Excluding Post Office	14,997	15,830	833	5.55%
999200	State Government, Excluding Education and Hospitals	37,130	40,764	3,634	9.79%
999300	Local Government, Excluding Education and Hospitals	40,581	45,262	4,681	11.53%

Explanation of Long-Term Occupational Projections Data

Arkansas-Statewide

2014-2024

SOC Code	SOC Title	2014 Estimated Employment	2024 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 2024	Total number of jobs an occupation is expected to gain or lose over the 2014 to 2024 period	Percent Growth in the number of jobs in an occupation over the 2014 to 2024 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.

2014-2024 Arkansas Statewide Occupational Projections by Major Group

SOC Code	SOC Title	2014 Estimated Employment	2024 Projected Employment	Net Growth	Percent Growth	Annual Openings due to Growth	Annual Openings due to Replacement	Total Annual Openings
00-0000	Total, All Occupations	1,312,445	1,442,530	130,085	9.91%	13,551	30,689	44,240
11-0000	Management Occupations	119,602	130,828	11,226	9.39%	1,126	2,431	3,557
13-0000	Business and Financial Operations Occupations	47,423	52,957	5,534	11.67%	561	962	1,523
15-0000	Computer and Mathematical Occupations	22,087	25,026	2,939	13.31%	314	343	657
17-0000	Architecture and Engineering Occupations	12,117	12,917	800	6.60%	83	297	380
19-0000	Life, Physical, and Social Science Occupations	7,483	8,326	843	11.27%	84	225	309
21-0000	Community and Social Service Occupations	26,214	30,449	4,235	16.16%	424	554	978
23-0000	Legal Occupations	8,277	9,257	980	11.84%	98	141	239
25-0000	Education, Training, and Library Occupations	68,076	74,190	6,114	8.98%	612	1,462	2,074
27-0000	Arts, Design, Entertainment, Sports, and Media Occupations	12,787	13,629	842	6.58%	93	315	408
29-0000	Healthcare Practitioners and Technical Occupations	73,718	85,701	11,983	16.26%	1,203	1,662	2,865
31-0000	Healthcare Support Occupations	37,618	44,270	6,652	17.68%	669	846	1,515
33-0000	Protective Service Occupations	25,328	28,221	2,893	11.42%	291	655	946
35-0000	Food Preparation and Serving Related Occupations	100,464	118,105	17,641	17.56%	1,795	3,524	5,319
37-0000	Building and Grounds Cleaning and Maintenance Occupations	42,399	45,743	3,344	7.89%	335	855	1,190
39-0000	Personal Care and Service Occupations	43,808	49,432	5,624	12.84%	564	886	1,450
41-0000	Sales and Related Occupations	133,884	146,636	12,752	9.52%	1,281	4,048	5,329
43-0000	Office and Administrative Support Occupations	188,666	199,677	11,011	5.84%	1,338	3,906	5,244
45-0000	Farming, Fishing, and Forestry Occupations	12,093	12,265	172	1.42%	31	298	329
47-0000	Construction and Extraction Occupations	52,667	58,378	5,711	10.84%	573	848	1,421
49-0000	Installation, Maintenance, and Repair Occupations	54,237	59,391	5,154	9.50%	541	1,274	1,815
51-0000	Production Occupations	115,132	119,180	4,048	3.52%	573	2,624	3,197
53-0000	Transportation and Material Moving Occupations	108,365	117,952	9,587	8.85%	962	2,533	3,495

Occupational Outlook

Arkansas occupations are projected to gain 130,085 jobs, or 9.91 percent, by 2024. A total of 44,240 total annual openings are expected each year of the projection period. Of these, 13,551 will be due to growth and 30,689 will be due to replacement. All major groups should see positive growth over the 10-year projection period.

The **Management Occupations** major group is expected to gain 11,226 jobs during the projection period, with 3,557 total annual job openings. Of these, 1,126 will be due to growth and 2,431 will be due to replacement. *Other Management Occupations* occupational family is estimated to account for 7,158 new jobs with Farmers, Ranchers, and Other Agricultural Managers driving this growth with a gain of 4,325. Computer and Information Systems Managers is predicted to increase by 20.21 percent.

The **Business and Financial Operations Occupations** major group is projected to gain 5,534 jobs by 2024. The group should see 1,523 annual job openings with 561 due to annual growth and 962 due to annual replacement. Of this group, the *Business Operations Specialists* minor group is expecting the largest net growth with 3,662 jobs. Accountants and Auditors is estimated to add the most jobs among the main occupations in the *Financial Specialists* occupational family, while Personal Financial Advisors could see a 25.70 percent increase in jobs. Labor Relations Specialists could see the worst outlook with a loss of 55 jobs, or 8.33 percent of its workforce.

The **Computer and Mathematical Occupations** major group is expected to add 2,939 jobs during the projection period, or 13.31 percent. Total Annual Openings could see 657 jobs with 314 annual openings due to growth and 343 annual openings due to replacement, the smallest gap between growth and replacement openings in the major groups. The *Computer Occupations* minor group should see most of this growth with 2,734 jobs expected over the 10-year period. Computer Systems Analysts is estimated to add the most jobs with a gain of 663. Statisticians, of the *Mathematical Science Occupations* occupational family, is set to be the fastest growing occupation in **Computer and Mathematical Occupations** with a growth of 34.42 percent. Computer Programmers, however, are not seeing as favorable of an outlook, with an estimated loss of 206 jobs, or 5.88 percent of its workforce.

The **Architecture and Engineering Occupations** major group could add 800 jobs by 2024. The group is expected to have 380 total annual openings with 83 annual openings due to growth and 297 annual openings due to replacement. The *Engineers* minor group leads the group in net growth, expecting to add 620 jobs during the projection period. In this minor group, Mechanical Engineers could add 138 jobs or a 10.75 percent growth by 2024.

The **Life, Physical, and Social Science Occupations** major group is predicted to gain 843 jobs through the projection period, or 11.27 percent. Annual openings due to replacement should account for 225 of the 309 total annual openings. The *Life, Physical, and Social Science Technicians* minor group is expected to gain 320 jobs. Clinical, Counseling, and School Psychologists is projected to add the most jobs in the major group with an increase of 120, while Forensic Science Technicians could be the fastest growing occupation with a gain of 32.67 percent.

The **Community and Social Services Occupations** major group is estimated to gain 4,235 jobs during the projection period. The group could see 424 annual openings due to growth and 554 annual openings due to replacement. Clergy, of the *Religious Workers* minor group, leads the major group with 1,377 jobs expected, of which, 105 annual job openings will be due to growth. Substance Abuse and Behavioral Disorder Counselors is expected to grow by 33.04 percent, placing it among the 10 fastest growing occupations in the state.

The **Legal Occupations** major group is projected to add 980 jobs by 2024. Of the 239 annual openings, 98 should be due to growth and 141 should be due to replacement. The *Lawyers, Judges, and Related Workers* minor group leads the group with 717 new jobs anticipated, with Lawyers accounting for 642 of those new jobs. The *Legal Support Workers* minor group also expects strong growth with 263 jobs projected to be added. Paralegals and Legal Assistants leads this minor group with 213 jobs expected.

The **Education, Training, and Library Occupations** major group is expected to gain 6,114 jobs during the projection period. The group could see 2,074 total annual openings with annual openings due to growth and annual openings due to replacement contributing 612 and 1,462 openings, respectively. The *Postsecondary Teachers* is expected to add 2,453 jobs, while *Preschool, Primary, Secondary, and Special Education School Teachers* minor group is predicted to increase by 1,971 jobs. Teaching Assistants is anticipated to lead all jobs in the major group adding 628 new jobs between 2014 and 2024. Criminal Justice and Law Enforcement Teachers, Postsecondary is predicted to be the fastest growing occupation in the major group with a growth rate of 29.41 percent and placing in the Top 20 Fastest Growing Occupations list.

The **Arts, Design, Entertainment, Sports, and Media Occupations** major group is projected to add 842 jobs by 2024. Of the 408 total annual openings, 315 of them should be due to replacement. The *Entertainers and Performers, Sports and Related Workers* minor group leads the group with 281 job openings projected. Public Relations Specialists is

projected to be the top growing occupation gaining 116 new jobs during the projection period. Film and Video Editors could increase staffing by 27.18 percent, while Radio and Television Announcers could lose 14.32 percent.

The **Healthcare Practitioners and Technical Occupations** major group is estimated to add 11,983 jobs by the end of the projection period. This group could see 2,865 annual job openings with 1,203 due to growth and expansion and 1,662 for replacement. Driving growth is Registered Nurses, which is predicted to see continued growth with 3,415 jobs expected placing among the top five in the Top 20 Growing Occupations list. Six occupations in this major group are in the Top 20 Fastest Growing Occupations list with Physician Assistants leading with an anticipated increase of 38.26 percent. Licensed Practical and Licensed Vocational Nurses, of the *Health Technologists and Technicians* occupational family, is forecast to add 1,358 jobs. Both Registered Nurses and Licensed Practical and Licensed Vocational Nurses are listed on the Top 20 Occupations in Total Annual Openings with 866 and 465 jobs, respectively.

The **Healthcare Support Occupations** major group is projected to add 6,652 jobs by 2024. The group should see 1,515 total annual openings with 846 of the jobs due to replacement. At a growth of 17.68 percent, the major group is estimated to be the fastest growing in the state. Driving this growth are the top three fastest growing occupations, all related to therapy. Occupational Therapy Assistants is expected to be the fastest growing occupation in the state increasing by 53.55 percent. Physical Therapy Aides and Physical Therapy Assistants are anticipating growths of 44.55 and 41.76 percent, respectively. Nursing Assistants is expected to lead the *Nursing, Psychiatric, and Home Health Aides* minor group and **Healthcare Support Occupations**, as a whole, with 2,804 jobs in net growth and placing it among the 10 highest growing occupations.

The **Protective Service Occupations** major group is expected to add 2,893 jobs over the projection period with 946 total annual openings. Of these, 655 annual openings will be due to replacement and 291 due to growth. The *Law Enforcement Workers* minor group leads the group with 1,416 new jobs anticipated, with 590 jobs in Correctional Officers and Jailers and 746 jobs in Police and Sheriff's Patrol Officers expected.

The **Food Preparation and Serving Related Occupations** major group is estimated to add 17,641 jobs during the projection period, making it the largest net growth of all the major groups. Of the 5,319 annual job openings, 3,524 should be due to replacement and 1,795 jobs for growth. The *Food and Beverage Serving Workers* minor group leads the group with 10,416 jobs expected, with Combined Food Preparation and Serving Workers, Including Fast Food and Waiters and Waitresses contributing 6,137 and 3,299 of those new jobs, respectively. Combined Food Preparation and Serving Workers, Including Fast Food is estimated to be the top growing occupation in the state, while Waiters and Waitresses and Cooks, Restaurant both fall on the Top 20 Growing Occupations list. On the negative side, Cooks, Fast Food could see a loss of 311.

The **Building and Grounds Cleaning and Maintenance Occupations** major group is projected to add 3,344 jobs by 2024. The group should have 1,190 total annual openings with 855 jobs due to replacement and 335 jobs due to growth. The *Building Cleaning and Pest Control Workers* minor group is expected to add 2,348 jobs with Janitors and Cleaners, Except Maids and Housekeeping Cleaners estimated to add 1,571 of those jobs. This occupation also falls in the Top 20 Occupations by Total Annual Openings list.

The **Personal Care and Service Occupations** major group is expected to gain 5,624 jobs over the projection period. Of the 1,450 total annual openings, 564 should be due to growth and 886 due to replacement. The *Other Personal Care and Service Workers* minor group leads the major group with 4,695 new jobs expected, about 83.48 percent of the total growth in **Personal Care and Service Occupations**. Personal Care Aides is predicted to add 2,845 jobs to this minor group and 417 total job openings expected annually with growth openings exceeding replacement openings by the largest margin. It is among the 10 highest growing occupations in the state. Childcare Workers is also anticipating strong growth with 1,368 new jobs.

The **Sales and Related Occupations** major group is projected to gain 12,752 jobs by the end of 2024. The group is estimated to make available 5,329 jobs annually, the most of all major groups. Of these, 4,048 openings would be due to replacement and 1,281 openings due to growth. The *Retail Sales Workers* minor group is expected to gain 7,402 jobs over the 10-year period. Retail Salespersons will likely make up most of the net growth with 5,179 jobs expected, placing it second in the state in net growth and the top occupation in number of annual openings with 1,902. In all, four occupations in the **Sales and Related Occupations** major group made the Top 20 Growing Occupations list.

The **Office and Administrative Support Occupations** major group is expected to gain 11,011 jobs over the projection period. Annual openings for this group are estimated to be 5,244 with 3,906 openings due to replacement and 1,338 openings due to growth. The *Information and Record Clerks* minor group should see the most growth with 4,316 jobs added. Customer Service Representatives could see the most growth in this minor group, with 2,468 jobs added by 2024 placing among the 10 highest growing occupations. Office Clerks, General could add an additional 2,396 jobs. Medical Secretaries could be the fastest growing occupation with an 18.18 percent rise in jobs. However, on the negative side of the economy, Bookkeeping, Accounting, and Auditing Clerks is predicted to be the top declining occupation in the state with a loss of 739 jobs. In all, eight occupations make the Top 20 Declining Occupations list. Postal Service Mail Sorters, Processors, and Processing Machine Operators could be the third fastest declining occupation with a decline rate of 20.29 percent.

The **Farming, Fishing, and Forestry Occupations** major group is estimated to be the slowest among the major groups adding only 172 jobs by 2024. The major group is predicting 298 annual openings due to replacement and 31 annual openings due to growth. The *Agricultural Workers* minor group could add 133 jobs while the *Forest, Conservation, and Logging Workers* minor group could see a gain of 51 jobs. Farmworkers and Laborers, Crop, Nursery, and Greenhouse is predicted to add the most jobs with 92 new jobs, while Agricultural Equipment Operators could be the fastest growing occupation increasing by 10.78 percent. Most of the job losses could be in Fallers, which is expected to lose 47 jobs, or 11.24 percent of its workforce.

The **Construction and Extraction Occupations** major group is projected to gain 5,711 jobs over the projection period, with 1,421 total annual openings expected. The group is expected to have 848 annual openings due to replacement and 573 annual openings due to growth. The *Construction Trades Workers* minor group is expected to see a large gain with 4,305 jobs expected, more than three out of four jobs in the major group. Construction Laborers could add the most jobs with 1,132 anticipated, while Insulation Workers, Mechanical should see an increase of 29.53 percent, placing it on the Top 20 Fastest Growing Occupations by Percent Growth list.

The **Installation, Maintenance, and Repair Occupations** major group is expected to gain 5,154 jobs by 2024. The major group is estimated to have 1,815 total annual openings with 1,274 due to replacement and 541 due to growth. The *Other Installation, Maintenance, and Repair Occupations* minor group could lead the group with 3,371 jobs projected, with the Maintenance and Repair Workers, General adding 1,189 jobs and Industrial Machinery Mechanics expecting to add 1,138. Rail Car Repairers could see an increase of 30.41 percent. Telecommunications Equipment Installers and Repairers, Except Line Installers could see a reduction of 132 jobs, or 7.55 percent of its workforce.

The **Production Occupations** major group is projected to add 4,048 jobs between 2014 and 2024. The group is expected to experience 2,624 annual openings due to replacement and 573 annual openings due to growth. The *Other Production Occupations* minor group leads the group with 1,387 jobs expected. Inspectors, Testers, Sorters, Samplers, and Weighers could see 306 of those new jobs. Team Assemblers is estimated to lead the major group in net growth with 880 new jobs, while Computer Numerically Controlled Machine Tool Programmers, Metal and Plastic is projected to be the fastest growing occupation with a 28.83 percent growth. On the negative side of the economy, Cutting, Punching, and Press Machine Setters, Operators, and Tenders, Metal and Plastic is forecast to be second in the state in decline with a loss of 372. Photographic Process Workers and Processing Machine Operators is predicted to be the fastest declining occupation in the state with a decline of 22.89 percent. In all, 14 occupations in this major group are included on the Top 20 Fastest Declining Occupations list.

The **Transportation and Material Moving Occupations** major group is estimated to gain 9,587 jobs during the projection period. With 3,495 total annual openings expected, 2,533 should be due to replacement and 962 due to growth. Heavy and Tractor Trailer - Truck Drivers leads the group with 3,890 new jobs, fourth in the state. Laborers and Freight, Stock, and Material Movers, Hand is estimated to add an additional 2,213. Ambulance Drivers and Attendants, Except Emergency Medical Technicians is projected to increase 25.29 percent over the next 10 years.

Top 20 Growing Occupations by Net Growth

SOC Code	SOC Title	2014 Estimated Employment	2024 Projected Employment	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	24,044	30,181	6,137	25.52%	614	777	1,391
41-2031	Retail Salespersons	39,941	45,120	5,179	12.97%	518	1,384	1,902
11-9013	Farmers, Ranchers, and Other Agricultural Managers	53,667	57,992	4,325	8.06%	432	914	1,346
53-3032	Heavy and Tractor-Trailer Truck Drivers	36,494	40,384	3,890	10.66%	389	621	1,010
29-1141	Registered Nurses	22,203	25,618	3,415	15.38%	342	524	866
35-3031	Waiters and Waitresses	19,542	22,841	3,299	16.88%	330	940	1,270
35-2014	Cooks, Restaurant	9,256	12,175	2,919	31.54%	292	245	537
39-9021	Personal Care Aides	16,418	19,263	2,845	17.33%	284	133	417
31-1014	Nursing Assistants	18,275	21,079	2,804	15.34%	280	413	693
43-4051	Customer Service Representatives	18,683	21,151	2,468	13.21%	247	460	707
43-9061	Office Clerks, General	32,357	34,753	2,396	7.40%	240	698	938
53-7062	Laborers and Freight, Stock, and Material Movers, Hand	24,806	27,019	2,213	8.92%	221	738	959
35-1012	First-Line Supervisors of Food Preparation and Serving Workers	8,996	11,132	2,136	23.74%	214	267	481
11-1021	General and Operations Managers	17,921	19,837	1,916	10.69%	192	454	646
41-2011	Cashiers	31,814	33,582	1,768	5.56%	177	1,354	1,531
41-4012	Sales Representatives, Wholesale and Manufacturing, Except Technical and Scientific Products	14,295	16,041	1,746	12.21%	175	294	469
43-1011	First-Line Supervisors of Office and Administrative Support Workers	14,834	16,505	1,671	11.26%	167	224	391
37-2011	Janitors and Cleaners, Except Maids and Housekeeping Cleaners	19,375	20,946	1,571	8.11%	157	385	542
41-1011	First-Line Supervisors of Retail Sales Workers	17,824	19,280	1,456	8.17%	146	398	544
43-5081	Stock Clerks and Order Fillers	16,542	17,938	1,396	8.44%	140	525	665

Top 20 Fastest Growing Occupations by Percent Growth (50 minimum employment)

SOC Code	SOC Title	2014 Estimated Employment	2024 Projected Employment	Net Growth	Percent Growth	Annual Openings due to Growth	Annual Openings due to Replacement	Total Annual Openings
31-2011	Occupational Therapy Assistants	282	433	151	53.55%	15	8	23
31-2022	Physical Therapist Aides	422	610	188	44.55%	19	12	31
31-2021	Physical Therapist Assistants	1,123	1,592	469	41.76%	47	32	79
29-1071	Physician Assistants	311	430	119	38.26%	12	7	19
29-1124	Radiation Therapists	199	275	76	38.19%	8	5	13
29-1171	Nurse Practitioners	1,082	1,475	393	36.32%	39	26	65
29-1123	Physical Therapists	1,786	2,421	635	35.55%	64	48	112
15-2041	Statisticians	154	207	53	34.42%	5	3	8
15-2031	Operations Research Analysts	429	574	145	33.80%	14	8	22
21-1011	Substance Abuse and Behavioral Disorder Counselors	563	749	186	33.04%	19	12	31
19-4092	Forensic Science Technicians	150	199	49	32.67%	5	6	11
35-2014	Cooks, Restaurant	9,256	12,175	2,919	31.54%	292	245	537
29-1122	Occupational Therapists	986	1,294	308	31.24%	31	19	50
49-3043	Rail Car Repairers	217	283	66	30.41%	7	5	12
47-2132	Insulation Workers, Mechanical	149	193	44	29.53%	4	5	9
29-1066	Psychiatrists	380	492	112	29.47%	11	10	21
25-1111	Criminal Justice and Law Enforcement Teachers, Postsecondary	119	154	35	29.41%	4	2	6
51-4012	Computer Numerically Controlled Machine Tool Programmers, Metal and Plastic	222	286	64	28.83%	6	7	13
31-9097	Phlebotomists	927	1,191	264	28.48%	26	19	45
25-1112	Law Teachers, Postsecondary	109	140	31	28.44%	3	2	5

Top 20 Occupations by Total Annual Openings

SOC Code	SOC Title	2014 Estimated Employment	2024 Projected Employment	Net Growth	Percent Growth	Annual Openings due to Growth	Annual Openings due to Replacement	Total Annual Openings
41-2031	Retail Salespersons	39,941	45,120	5,179	12.97%	518	1,384	1,902
41-2011	Cashiers	31,814	33,582	1,768	5.56%	177	1,354	1,531
35-3021	Combined Food Preparation and Serving Workers, Including Fast Food	24,044	30,181	6,137	25.52%	614	777	1,391
11-9013	Farmers, Ranchers, and Other Agricultural Managers	53,667	57,992	4,325	8.06%	432	914	1,346
35-3031	Waiters and Waitresses	19,542	22,841	3,299	16.88%	330	940	1,270
53-3032	Heavy and Tractor-Trailer Truck Drivers	36,494	40,384	3,890	10.66%	389	621	1,010
53-7062	Laborers and Freight, Stock, and Material Movers, Hand	24,806	27,019	2,213	8.92%	221	738	959
43-9061	Office Clerks, General	32,357	34,753	2,396	7.40%	240	698	938
29-1141	Registered Nurses	22,203	25,618	3,415	15.38%	342	524	866
43-4051	Customer Service Representatives	18,683	21,151	2,468	13.21%	247	460	707
31-1014	Nursing Assistants	18,275	21,079	2,804	15.34%	280	413	693
43-5081	Stock Clerks and Order Fillers	16,542	17,938	1,396	8.44%	140	525	665
11-1021	General and Operations Managers	17,921	19,837	1,916	10.69%	192	454	646
41-1011	First-Line Supervisors of Retail Sales Workers	17,824	19,280	1,456	8.17%	146	398	544
37-2011	Janitors and Cleaners, Except Maids and Housekeeping Cleaners	19,375	20,946	1,571	8.11%	157	385	542
35-2014	Cooks, Restaurant	9,256	12,175	2,919	31.54%	292	245	537
39-9011	Childcare Workers	12,734	14,102	1,368	10.74%	137	376	513
35-1012	First-Line Supervisors of Food Preparation and Serving Workers	8,996	11,132	2,136	23.74%	214	267	481
41-4012	Sales Representatives, Wholesale and Manufacturing, Except Technical and Scientific Products	14,295	16,041	1,746	12.21%	175	294	469
29-2061	Licensed Practical and Licensed Vocational Nurses	11,570	12,928	1,358	11.74%	136	329	465

Top 20 Declining Occupations by Net Growth

SOC Code	SOC Title	2014 Estimated Employment	2024 Projected Employment	Net Growth	Percent Growth	Annual Openings due to Growth	Annual Openings due to Replacement	Total Annual Openings
43-3031	Bookkeeping, Accounting, and Auditing Clerks	12,938	12,199	-739	-5.71%	0	127	127
51-4031	Cutting, Punching, and Press Machine Setters, Operators, and Tenders, Metal and Plastic	2,271	1,899	-372	-16.38%	0	29	29
43-5052	Postal Service Mail Carriers	2,906	2,574	-332	-11.42%	0	56	56
35-2011	Cooks, Fast Food	10,666	10,355	-311	-2.92%	0	282	282
43-3071	Tellers	6,451	6,194	-257	-3.98%	0	252	252
15-1131	Computer Programmers	3,504	3,298	-206	-5.88%	0	86	86
43-9011	Computer Operators	1,037	870	-167	-16.10%	0	8	8
51-4072	Molding, Coremaking, and Casting Machine Setters, Operators, and Tenders, Metal and Plastic	1,192	1,031	-161	-13.51%	0	18	18
43-5053	Postal Service Mail Sorters, Processors, and Processing Machine Operators	700	558	-142	-20.29%	0	8	8
49-2022	Telecommunications Equipment Installers and Repairers, Except Line Installers	1,748	1,616	-132	-7.55%	0	16	16
51-4021	Extruding and Drawing Machine Setters, Operators, and Tenders, Metal and Plastic	788	658	-130	-16.50%	0	19	19
51-4033	Grinding, Lapping, Polishing, and Buffing Machine Tool Setters, Operators, and Tenders, Metal and Plastic	839	725	-114	-13.59%	0	35	35
43-5051	Postal Service Clerks	967	856	-111	-11.48%	0	12	12
51-6042	Shoe Machine Operators and Tenders	455	356	-99	-21.76%	0	5	5
43-6011	Executive Secretaries and Executive Administrative Assistants	4,769	4,681	-88	-1.85%	0	50	50
43-5041	Meter Readers, Utilities	654	572	-82	-12.54%	0	12	12
51-6031	Sewing Machine Operators	1,148	1,074	-74	-6.45%	0	7	7
27-3011	Radio and Television Announcers	447	383	-64	-14.32%	0	13	13
51-8093	Petroleum Pump System Operators, Refinery Operators, and Gaugers	329	272	-57	-17.33%	0	12	12
13-1075	Labor Relations Specialists	660	605	-55	-8.33%	0	16	16

Top 20 Fastest Declining Occupations by Percent Growth (Net Growth no Greater than -5)

SOC Code	SOC Title	2014 Estimated Employment	2024 Projected Employment	Net Growth	Percent Growth	Annual Openings due to Growth	Annual Openings due to Replacement	Total Annual Openings
51-9151	Photographic Process Workers and Processing Machine Operators	83	64	-19	-22.89%	0	2	2
51-6042	Shoe Machine Operators and Tenders	455	356	-99	-21.76%	0	5	5
43-5053	Postal Service Mail Sorters, Processors, and Processing Machine Operators	700	558	-142	-20.29%	0	8	8
51-8092	Gas Plant Operators	148	119	-29	-19.59%	0	6	6
29-2054	Respiratory Therapy Technicians	266	217	-49	-18.42%	0	3	3
51-4062	Patternmakers, Metal and Plastic	49	40	-9	-18.37%	0	1	1
51-8093	Petroleum Pump System Operators, Refinery Operators, and Gaugers	329	272	-57	-17.33%	0	12	12
51-4021	Extruding and Drawing Machine Setters, Operators, and Tenders, Metal and Plastic	788	658	-130	-16.50%	0	19	19
51-4031	Cutting, Punching, and Press Machine Setters, Operators, and Tenders, Metal and Plastic	2,271	1,899	-372	-16.38%	0	29	29
43-9011	Computer Operators	1,037	870	-167	-16.10%	0	8	8
51-4032	Drilling and Boring Machine Tool Setters, Operators, and Tenders, Metal and Plastic	106	89	-17	-16.04%	0	2	2
51-4034	Lathe and Turning Machine Tool Setters, Operators, and Tenders, Metal and Plastic	184	156	-28	-15.22%	0	4	4
43-9031	Desktop Publishers	88	75	-13	-14.77%	0	2	2
27-3011	Radio and Television Announcers	447	383	-64	-14.32%	0	13	13
51-6041	Shoe and Leather Workers and Repairers	63	54	-9	-14.29%	0	1	1
51-4191	Heat Treating Equipment Setters, Operators, and Tenders, Metal and Plastic	314	270	-44	-14.01%	0	6	6
51-4033	Grinding, Lapping, Polishing, and Buffing Machine Tool Setters, Operators, and Tenders, Metal and Plastic	839	725	-114	-13.59%	0	35	35
51-4072	Molding, Coremaking, and Casting Machine Setters, Operators, and Tenders, Metal and Plastic	1,192	1,031	-161	-13.51%	0	18	18
51-4035	Milling and Planing Machine Setters, Operators, and Tenders, Metal and Plastic	240	208	-32	-13.33%	0	4	4
43-9071	Office Machine Operators, Except Computer	231	201	-30	-12.99%	0	5	5

2014-2024 Arkansas Statewide Occupational Projections											
Standard Occupational Classification		Employment		Growth		Annual Openings			Education/Training Codes		
Code	Title	2014 Estimated	2024 Projected	Net	Percent	Growth	Replacement	Total	Education	Work Experience	Job Training
00-0000	TOTAL, ALL OCCUPATIONS	1,312,445	1,442,530	130,085	9.91%	13,551	30,689	44,240			
11-0000	MANAGEMENT OCCUPATIONS	119,602	130,828	11,226	9.39%	1,126	2,431	3,557			
11-1000	Top Executives	21,936	24,010	2,074	9.45%	207	527	734			
11-1011	Chief Executives	2,959	3,044	85	2.87%	8	50	58	3	1	6
11-1021	General and Operations Managers	17,921	19,837	1,916	10.69%	192	454	646	3	1	6
11-1031	Legislators	1,056	1,129	73	6.91%	7	23	30	3	2	6
11-2000	Advertising, Marketing, Promotions, Public Relations, and Sales Managers	5,108	5,748	640	12.53%	64	126	190			
11-2011	Advertising and Promotions Managers	272	301	29	10.66%	3	9	12	3	2	6
11-2021	Marketing Managers	1,138	1,330	192	16.87%	19	27	46	3	1	6
11-2022	Sales Managers	3,386	3,777	391	11.55%	39	80	119	3	2	6
11-2031	Public Relations and Fundraising Managers	312	340	28	8.97%	3	11	14	3	1	6
11-3000	Operations Specialties Managers	12,207	13,561	1,354	11.09%	135	270	405			
11-3011	Administrative Services Managers	2,165	2,434	269	12.42%	27	40	67	3	2	6
11-3021	Computer and Information Systems Managers	1,732	2,082	350	20.21%	35	20	55	3	1	6
11-3031	Financial Managers	2,847	3,153	306	10.75%	31	67	98	3	1	6
11-3051	Industrial Production Managers	1,955	2,022	67	3.43%	7	55	62	3	1	6
11-3061	Purchasing Managers	536	578	42	7.84%	4	13	17	3	1	6
11-3071	Transportation, Storage, and Distribution Managers	1,803	1,961	158	8.76%	16	40	56	7	1	6
11-3111	Compensation and Benefits Managers	178	192	14	7.87%	1	5	6	3	1	6
11-3121	Human Resources Managers	712	819	107	15.03%	11	21	32	3	1	6
11-3131	Training and Development Managers	279	320	41	14.70%	4	8	12	3	1	6
11-9000	Other Management Occupations	80,351	87,509	7,158	8.91%	719	1,507	2,226			
11-9013	Farmers, Ranchers, and Other Agricultural Managers	53,667	57,992	4,325	8.06%	432	914	1,346	7	1	6
11-9021	Construction Managers	3,114	3,298	184	5.91%	18	44	62	3	3	4
11-9031	Education Administrators, Preschool and Childcare Center/Program	731	812	81	11.08%	8	21	29	3	2	6
11-9032	Education Administrators, Elementary and Secondary School	2,132	2,244	112	5.25%	11	62	73	2	1	6
11-9033	Education Administrators, Postsecondary	1,399	1,626	227	16.23%	23	41	64	2	2	6

2014-2024 Arkansas Statewide Occupational Projections											
Standard Occupational Classification		Employment		Growth		Annual Openings			Education/Training Codes		
Code	Title	2014 Estimated	2024 Projected	Net	Percent	Growth	Replacement	Total	Education	Work Experience	Job Training
11-9041	Architectural and Engineering Managers	642	683	41	6.39%	4	20	24	3	1	6
11-9051	Food Service Managers	2,559	2,967	408	15.94%	41	52	93	7	2	6
11-9061	Funeral Service Managers	506	541	35	6.92%	4	11	15	4	2	6
11-9081	Lodging Managers	697	766	69	9.90%	7	13	20	7	2	6
11-9111	Medical and Health Services Managers	2,950	3,411	461	15.63%	46	75	121	3	2	6
11-9121	Natural Sciences Managers	316	347	31	9.81%	3	7	10	3	1	6
11-9131	Postmasters and Mail Superintendents	314	278	-36	-11.46%	0	7	7	7	2	4
11-9141	Property, Real Estate, and Community Association Managers	2,867	3,220	353	12.31%	35	50	85	7	2	6
11-9151	Social and Community Service Managers	1,281	1,445	164	12.80%	16	34	50	3	1	6
11-9161	Emergency Management Directors	119	135	16	13.45%	2	1	3	3	1	6
11-9199	Managers, All Other	6,959	7,637	678	9.74%	68	154	222	3	2	6
13-0000	BUSINESS AND FINANCIAL OPERATIONS OCCUPATIONS	47,423	52,957	5,534	11.67%	561	962	1,523			
13-1000	Business Operations Specialists	31,975	35,637	3,662	11.45%	372	592	964			
13-1021	Buyers and Purchasing Agents, Farm Products	255	290	35	13.73%	4	5	9	3	3	3
13-1023	Purchasing Agents, Except Wholesale, Retail, and Farm Products	1,633	1,727	94	5.76%	9	45	54	3	3	3
13-1031	Claims Adjusters, Examiners, and Investigators	1,382	1,488	106	7.67%	11	34	45	7	3	3
13-1032	Insurance Appraisers, Auto Damage	63	72	9	14.29%	1	2	3	5	3	4
13-1041	Compliance Officers	1,994	2,185	191	9.58%	19	28	47	3	3	4
13-1051	Cost Estimators	1,076	1,196	120	11.15%	12	31	43	3	3	6
13-1071	Human Resources Specialists	2,535	2,740	205	8.09%	20	62	82	3	3	6
13-1075	Labor Relations Specialists	660	605	-55	-8.33%	0	16	16	3	2	6
13-1081	Logisticians	865	1,002	137	15.84%	14	12	26	3	3	6
13-1111	Management Analysts	4,352	4,962	610	14.02%	61	60	121	3	2	6
13-1121	Meeting, Convention, and Event Planners	344	381	37	10.76%	4	4	8	3	3	6
13-1131	Fundraisers	223	260	37	16.59%	4	3	7	3	3	6

2014-2024 Arkansas Statewide Occupational Projections

Standard Occupational Classification		Employment		Growth		Annual Openings			Education/Training Codes		
Code	Title	2014 Estimated	2024 Projected	Net	Percent	Growth	Replacement	Total	Education	Work Experience	Job Training
13-1141	Compensation, Benefits, and Job Analysis Specialists	635	662	27	4.25%	3	16	19	3	2	6
13-1151	Training and Development Specialists	1,606	1,803	197	12.27%	20	39	59	3	2	6
13-1161	Market Research Analysts and Marketing Specialists	2,478	3,072	594	23.97%	59	30	89	3	3	6
13-1199	Business Operations Specialists, All Other	8,650	9,626	976	11.28%	98	103	201	3	3	6
13-2000	Financial Specialists	15,448	17,320	1,872	12.12%	190	371	561			
13-2011	Accountants and Auditors	6,806	7,722	916	13.46%	92	182	274	3	3	6
13-2021	Appraisers and Assessors of Real Estate	1,068	1,183	115	10.77%	12	17	29	3	3	3
13-2031	Budget Analysts	485	532	47	9.69%	5	12	17	3	3	6
13-2041	Credit Analysts	310	341	31	10.00%	3	13	16	3	3	6
13-2051	Financial Analysts	839	889	50	5.96%	5	17	22	3	3	6
13-2052	Personal Financial Advisors	1,109	1,394	285	25.70%	28	28	56	3	3	3
13-2053	Insurance Underwriters	256	233	-23	-8.98%	0	5	5	3	3	4
13-2061	Financial Examiners	186	218	32	17.20%	3	5	8	3	3	4
13-2071	Credit Counselors	87	100	13	14.94%	1	1	2	3	3	4
13-2072	Loan Officers	2,322	2,592	270	11.63%	27	39	66	3	3	4
13-2081	Tax Examiners and Collectors, and Revenue Agents	653	713	60	9.19%	6	27	33	3	3	4
13-2082	Tax Preparers	806	818	12	1.49%	1	20	21	7	3	4
13-2099	Financial Specialists, All Other	521	585	64	12.28%	6	5	11	3	3	4
15-0000	COMPUTER AND MATHEMATICAL OCCUPATIONS	22,087	25,026	2,939	13.31%	314	343	657			
15-1100	Computer Occupations	21,455	24,189	2,734	12.74%	294	331	625			
15-1121	Computer Systems Analysts	2,741	3,404	663	24.19%	66	35	101	3	3	6
15-1122	Information Security Analysts	1,458	1,865	407	27.91%	41	19	60	3	2	6
15-1131	Computer Programmers	3,504	3,298	-206	-5.88%	0	86	86	3	3	6
15-1132	Software Developers, Applications	2,117	2,534	417	19.70%	42	30	72	3	3	6
15-1133	Software Developers, Systems Software	1,065	1,249	184	17.28%	18	15	33	3	3	6
15-1134	Web Developers	580	731	151	26.03%	15	8	23	4	3	6
15-1141	Database Administrators	1,041	1,231	190	18.25%	19	22	41	3	2	6

2014-2024 Arkansas Statewide Occupational Projections											
Standard Occupational Classification		Employment		Growth		Annual Openings			Education/Training Codes		
Code	Title	2014 Estimated	2024 Projected	Net	Percent	Growth	Replacement	Total	Education	Work Experience	Job Training
15-1142	Network and Computer Systems Administrators	2,625	2,887	262	9.98%	26	34	60	3	3	6
15-1143	Computer Network Architects	1,350	1,442	92	6.81%	9	17	26	3	1	6
15-1151	Computer User Support Specialists	3,538	3,995	457	12.92%	46	46	92	6	3	6
15-1152	Computer Network Support Specialists	872	943	71	8.14%	7	11	18	4	3	6
15-2000	Mathematical Science Occupations	632	837	205	32.44%	20	12	32			
15-2031	Operations Research Analysts	429	574	145	33.80%	14	8	22	3	3	6
15-2041	Statisticians	154	207	53	34.42%	5	3	8	2	3	6
17-0000	ARCHITECTURE AND ENGINEERING OCCUPATIONS	12,117	12,917	800	6.60%	83	297	380			
17-1000	Architects, Surveyors, and Cartographers	1,304	1,382	78	5.98%	8	29	37			
17-1011	Architects, Except Landscape and Naval	681	745	64	9.40%	6	11	17	3	3	2
17-1012	Landscape Architects	102	107	5	4.90%	0	2	2	3	3	2
17-1021	Cartographers and Photogrammetrists	42	55	13	30.95%	1	1	2	3	3	6
17-1022	Surveyors	479	475	-4	-0.84%	0	15	15	3	2	6
17-2000	Engineers	7,082	7,702	620	8.75%	62	196	258			
17-2021	Agricultural Engineers	79	95	16	20.25%	2	2	4	3	3	6
17-2031	Biomedical Engineers	28	36	8	28.57%	1	1	2	3	3	6
17-2041	Chemical Engineers	194	205	11	5.67%	1	5	6	3	3	6
17-2051	Civil Engineers	1,291	1,417	126	9.76%	13	38	51	3	3	6
17-2061	Computer Hardware Engineers	100	114	14	14.00%	1	2	3	3	3	6
17-2071	Electrical Engineers	841	877	36	4.28%	4	18	22	3	3	6
17-2072	Electronics Engineers, Except Computer	368	391	23	6.25%	2	8	10	3	3	6
17-2081	Environmental Engineers	217	253	36	16.59%	4	6	10	3	3	6
17-2111	Health and Safety Engineers, Except Mining Safety Engineers and Inspectors	94	103	9	9.57%	1	3	4	3	3	6
17-2112	Industrial Engineers	1,650	1,769	119	7.21%	12	48	60	3	3	6
17-2131	Materials Engineers	135	146	11	8.15%	1	5	6	3	3	6
17-2141	Mechanical Engineers	1,284	1,422	138	10.75%	14	41	55	3	3	6

2014-2024 Arkansas Statewide Occupational Projections

Standard Occupational Classification		Employment		Growth		Annual Openings			Education/Training Codes		
Code	Title	2014 Estimated	2024 Projected	Net	Percent	Growth	Replacement	Total	Education	Work Experience	Job Training
17-2151	Mining and Geological Engineers, Including Mining Safety Engineers	31	31	0	0.00%	0	1	1	3	3	6
17-2199	Engineers, All Other	414	469	55	13.29%	6	8	14	3	3	6
17-3000	<i>Drafters, Engineering Technicians, and Mapping Technicians</i>	3,731	3,833	102	2.73%	13	72	85			
17-3011	Architectural and Civil Drafters	517	515	-2	-0.39%	0	6	6	4	3	6
17-3012	Electrical and Electronics Drafters	154	165	11	7.14%	1	2	3	4	3	6
17-3013	Mechanical Drafters	329	327	-2	-0.61%	0	4	4	4	3	6
17-3019	Drafters, All Other	48	51	3	6.25%	0	1	1	4	3	6
17-3022	Civil Engineering Technicians	294	318	24	8.16%	2	7	9	4	3	6
17-3023	Electrical and Electronics Engineering Technicians	622	637	15	2.41%	2	15	17	4	3	6
17-3025	Environmental Engineering Technicians	218	239	21	9.63%	2	5	7	4	3	6
17-3026	Industrial Engineering Technicians	503	536	33	6.56%	3	12	15	4	3	6
17-3027	Mechanical Engineering Technicians	280	299	19	6.79%	2	7	9	4	3	6
17-3029	Engineering Technicians, Except Drafters, All Other	238	239	1	0.42%	0	6	6	4	3	6
17-3031	Surveying and Mapping Technicians	469	445	-24	-5.12%	0	5	5	7	3	4
19-0000	LIFE, PHYSICAL, AND SOCIAL SCIENCE OCCUPATIONS	7,483	8,326	843	11.27%	84	225	309			
19-1000	<i>Life Scientists</i>	2,085	2,304	219	10.50%	22	71	93			
19-1011	Animal Scientists	55	61	6	10.91%	1	2	3	3	3	6
19-1012	Food Scientists and Technologists	362	389	27	7.46%	3	13	16	3	3	6
19-1013	Soil and Plant Scientists	128	144	16	12.50%	2	4	6	3	3	6
19-1021	Biochemists and Biophysicists	40	50	10	25.00%	1	1	2	1	3	6
19-1022	Microbiologists	176	190	14	7.95%	1	5	6	3	3	6
19-1023	Zoologists and Wildlife Biologists	189	208	19	10.05%	2	5	7	3	3	6
19-1031	Conservation Scientists	222	260	38	17.12%	4	10	14	3	3	6
19-1032	Foresters	330	366	36	10.91%	4	14	18	3	3	6
19-1041	Epidemiologists	41	45	4	9.76%	0	1	1	2	3	6
19-1042	Medical Scientists, Except Epidemiologists	222	246	24	10.81%	2	7	9	1	3	6
19-2000	<i>Physical Scientists</i>	996	1,113	117	11.75%	12	25	37			
19-2021	Atmospheric and Space Scientists	40	43	3	7.50%	0	1	1	3	3	6

2014-2024 Arkansas Statewide Occupational Projections											
Standard Occupational Classification		Employment		Growth		Annual Openings			Education/Training Codes		
Code	Title	2014 Estimated	2024 Projected	Net	Percent	Growth	Replacement	Total	Education	Work Experience	Job Training
19-2031	Chemists	474	516	42	8.86%	4	10	14	3	3	6
19-2041	Environmental Scientists and Specialists, Including Health	307	367	60	19.54%	6	9	15	3	3	6
19-2042	Geoscientists, Except Hydrologists and Geographers	107	114	7	6.54%	1	3	4	3	3	6
19-2043	Hydrologists	29	32	3	10.34%	0	1	1	3	3	6
19-2099	Physical Scientists, All Other	32	34	2	6.25%	0	0	0	3	3	6
19-3000	<i>Social Scientists and Related Workers</i>	1,504	1,691	187	12.43%	19	29	48			
19-3011	Economists	63	71	8	12.70%	1	2	3	2	3	6
19-3022	Survey Researchers	43	47	4	9.30%	0	0	0	2	3	6
19-3031	Clinical, Counseling, and School Psychologists	884	1,004	120	13.57%	12	19	31	1	3	2
19-3039	Psychologists, All Other	100	111	11	11.00%	1	2	3	2	3	2
19-3051	Urban and Regional Planners	120	138	18	15.00%	2	2	4	2	3	6
19-3091	Anthropologists and Archeologists	21	21	0	0.00%	0	0	0	2	3	6
19-3099	Social Scientists and Related Workers, All Other	254	279	25	9.84%	2	3	5	3	3	6
19-4000	<i>Life, Physical, and Social Science Technicians</i>	2,898	3,218	320	11.04%	32	100	132			
19-4011	Agricultural and Food Science Technicians	625	685	60	9.60%	6	20	26	4	3	4
19-4021	Biological Technicians	574	623	49	8.54%	5	16	21	3	3	6
19-4031	Chemical Technicians	589	643	54	9.17%	5	18	23	4	3	4
19-4061	Social Science Research Assistants	69	78	9	13.04%	1	3	4	3	3	6
19-4091	Environmental Science and Protection Technicians, Including Health	227	273	46	20.26%	5	10	15	4	3	6
19-4092	Forensic Science Technicians	150	199	49	32.67%	5	6	11	3	3	4
19-4093	Forest and Conservation Technicians	232	248	16	6.90%	2	10	12	4	3	6
19-4099	Life, Physical, and Social Science Technicians, All Other	303	335	32	10.56%	3	13	16	4	3	6
21-0000	COMMUNITY AND SOCIAL SERVICE OCCUPATIONS	26,214	30,449	4,235	16.16%	424	554	978			

2014-2024 Arkansas Statewide Occupational Projections											
Standard Occupational Classification		Employment		Growth		Annual Openings			Education/Training Codes		
Code	Title	2014 Estimated	2024 Projected	Net	Percent	Growth	Replacement	Total	Education	Work Experience	Job Training
21-1000	<i>Counselors, Social Workers, and Other Community and Social Service Specialists</i>	13,528	15,688	2,160	15.97%	216	288	504			
21-1011	Substance Abuse and Behavioral Disorder Counselors	563	749	186	33.04%	19	12	31	3	3	6
21-1012	Educational, Guidance, School, and Vocational Counselors	1,941	2,150	209	10.77%	21	41	62	2	3	6
21-1013	Marriage and Family Therapists	323	385	62	19.20%	6	7	13	2	3	2
21-1014	Mental Health Counselors	725	908	183	25.24%	18	15	33	2	3	2
21-1015	Rehabilitation Counselors	322	362	40	12.42%	4	7	11	2	3	6
21-1019	Counselors, All Other	147	160	13	8.84%	1	3	4	2	3	6
21-1021	Child, Family, and School Social Workers	1,395	1,528	133	9.53%	13	34	47	3	3	6
21-1022	Healthcare Social Workers	1,081	1,264	183	16.93%	18	26	44	2	3	6
21-1023	Mental Health and Substance Abuse Social Workers	733	923	190	25.92%	19	18	37	3	3	6
21-1029	Social Workers, All Other	655	716	61	9.31%	6	16	22	3	3	6
21-1091	Health Educators	359	402	43	11.98%	4	7	11	3	3	6
21-1092	Probation Officers and Correctional Treatment Specialists	989	1,099	110	11.12%	11	19	30	3	3	5
21-1093	Social and Human Service Assistants	3,480	4,050	570	16.38%	57	68	125	7	3	5
21-1094	Community Health Workers	420	508	88	20.95%	9	8	17	7	3	5
21-1099	Community and Social Service Specialists, All Other	395	484	89	22.53%	9	8	17	2	3	6
21-2000	<i>Religious Workers</i>	12,686	14,761	2,075	16.36%	208	267	475			
21-2011	Clergy	8,675	10,052	1,377	15.87%	138	186	324	3	3	4
21-2021	Directors, Religious Activities and Education	982	1,137	155	15.78%	16	26	42	3	2	6
21-2099	Religious Workers, All Other	3,029	3,572	543	17.93%	54	54	108	3	3	6
23-0000	LEGAL OCCUPATIONS	8,277	9,257	980	11.84%	98	141	239			
23-1000	<i>Lawyers, Judges, and Related Workers</i>	5,651	6,368	717	12.69%	72	83	155			
23-1011	Lawyers	4,718	5,360	642	13.61%	64	69	133	1	3	6
23-1012	Judicial Law Clerks	94	95	1	1.06%	0	2	2	1	3	6
23-1021	Administrative Law Judges, Adjudicators, and Hearing Officers	446	485	39	8.74%	4	6	10	1	1	5

2014-2024 Arkansas Statewide Occupational Projections											
Standard Occupational Classification		Employment		Growth		Annual Openings			Education/Training Codes		
Code	Title	2014 Estimated	2024 Projected	Net	Percent	Growth	Replacement	Total	Education	Work Experience	Job Training
23-1022	Arbitrators, Mediators, and Conciliators	25	29	4	16.00%	0	0	0	3	2	4
23-1023	Judges, Magistrate Judges, and Magistrates	368	399	31	8.42%	3	5	8	1	1	5
23-2000	Legal Support Workers	2,626	2,889	263	10.02%	26	58	84			
23-2011	Paralegals and Legal Assistants	1,413	1,626	213	15.07%	21	31	52	4	3	6
23-2091	Court Reporters	182	192	10	5.49%	1	4	5	5	3	5
23-2093	Title Examiners, Abstractors, and Searchers	684	693	9	1.32%	1	15	16	7	3	5
23-2099	Legal Support Workers, All Other	347	378	31	8.93%	3	8	11	7	3	5
25-0000	EDUCATION, TRAINING, AND LIBRARY OCCUPATIONS	68,076	74,190	6,114	8.98%	612	1,462	2,074			
25-1000	Postsecondary Teachers	12,472	14,925	2,453	19.67%	246	221	467			
25-1011	Business Teachers, Postsecondary	778	910	132	16.97%	13	14	27	1	3	6
25-1021	Computer Science Teachers, Postsecondary	279	327	48	17.20%	5	5	10	1	3	6
25-1022	Mathematical Science Teachers, Postsecondary	459	581	122	26.58%	12	8	20	1	3	6
25-1031	Architecture Teachers, Postsecondary	64	74	10	15.63%	1	1	2	1	3	6
25-1032	Engineering Teachers, Postsecondary	257	309	52	20.23%	5	4	9	1	3	6
25-1041	Agricultural Sciences Teachers, Postsecondary	220	244	24	10.91%	2	4	6	1	3	6
25-1042	Biological Science Teachers, Postsecondary	405	507	102	25.19%	10	7	17	1	3	6
25-1051	Atmospheric, Earth, Marine, and Space Sciences Teachers, Postsecondary	76	92	16	21.05%	2	1	3	1	3	6
25-1052	Chemistry Teachers, Postsecondary	207	255	48	23.19%	5	4	9	1	3	6
25-1053	Environmental Science Teachers, Postsecondary	59	69	10	16.95%	1	1	2	1	3	6
25-1054	Physics Teachers, Postsecondary	104	128	24	23.08%	2	2	4	1	3	6
25-1061	Anthropology and Archeology Teachers, Postsecondary	104	121	17	16.35%	2	2	4	1	3	6
25-1063	Economics Teachers, Postsecondary	91	107	16	17.58%	2	2	4	1	3	6
25-1064	Geography Teachers, Postsecondary	38	44	6	15.79%	1	1	2	1	3	6
25-1065	Political Science Teachers, Postsecondary	100	117	17	17.00%	2	2	4	1	3	6

2014-2024 Arkansas Statewide Occupational Projections											
Standard Occupational Classification		Employment		Growth		Annual Openings			Education/Training Codes		
Code	Title	2014 Estimated	2024 Projected	Net	Percent	Growth	Replacement	Total	Education	Work Experience	Job Training
25-1066	Psychology Teachers, Postsecondary	228	287	59	25.88%	6	4	10	1	3	6
25-1067	Sociology Teachers, Postsecondary	139	174	35	25.18%	4	2	6	1	3	6
25-1069	Social Sciences Teachers, Postsecondary, All Other	47	62	15	31.91%	2	1	3	1	3	6
25-1071	Health Specialties Teachers, Postsecondary	1,239	1,553	314	25.34%	31	22	53	1	2	6
25-1072	Nursing Instructors and Teachers, Postsecondary	560	718	158	28.21%	16	10	26	2	2	6
25-1081	Education Teachers, Postsecondary	727	850	123	16.92%	12	13	25	1	2	6
25-1082	Library Science Teachers, Postsecondary	25	30	5	20.00%	0	0	0	1	3	6
25-1111	Criminal Justice and Law Enforcement Teachers, Postsecondary	119	154	35	29.41%	4	2	6	1	3	6
25-1112	Law Teachers, Postsecondary	109	140	31	28.44%	3	2	5	1	3	6
25-1113	Social Work Teachers, Postsecondary	110	132	22	20.00%	2	2	4	1	3	6
25-1121	Art, Drama, and Music Teachers, Postsecondary	623	732	109	17.50%	11	11	22	2	3	6
25-1122	Communications Teachers, Postsecondary	287	337	50	17.42%	5	5	10	1	3	6
25-1123	English Language and Literature Teachers, Postsecondary	560	668	108	19.29%	11	10	21	1	3	6
25-1124	Foreign Language and Literature Teachers, Postsecondary	214	253	39	18.22%	4	4	8	1	3	6
25-1125	History Teachers, Postsecondary	248	294	46	18.55%	5	4	9	1	3	6
25-1126	Philosophy and Religion Teachers, Postsecondary	165	195	30	18.18%	3	3	6	1	3	6
25-1191	Graduate Teaching Assistants	1,089	1,247	158	14.51%	16	19	35	3	3	6
25-1192	Home Economics Teachers, Postsecondary	71	66	-5	-7.04%	0	1	1	2	3	6
25-1193	Recreation and Fitness Studies Teachers, Postsecondary	451	523	72	15.96%	7	8	15	1	3	6
25-1194	Vocational Education Teachers, Postsecondary	1,077	1,285	208	19.31%	21	19	40	3	2	6
25-1199	Postsecondary Teachers, All Other	1,097	1,286	189	17.23%	19	19	38	1	3	6
25-2000	Preschool, Primary, Secondary, and Special Education School Teachers	34,698	36,669	1,971	5.68%	197	800	997			
25-2011	Preschool Teachers, Except Special Education	2,287	2,544	257	11.24%	26	67	93	4	3	6
25-2012	Kindergarten Teachers, Except Special Education	1,772	1,864	92	5.19%	9	52	61	3	3	2

2014-2024 Arkansas Statewide Occupational Projections											
Standard Occupational Classification		Employment		Growth		Annual Openings			Education/Training Codes		
Code	Title	2014 Estimated	2024 Projected	Net	Percent	Growth	Replacement	Total	Education	Work Experience	Job Training
25-2021	Elementary School Teachers, Except Special Education	10,822	11,390	568	5.25%	57	239	296	3	3	2
25-2022	Middle School Teachers, Except Special and Career/Technical Education	6,025	6,343	318	5.28%	32	133	165	3	3	2
25-2023	Career/Technical Education Teachers, Middle School	294	309	15	5.10%	2	6	8	3	2	2
25-2031	Secondary School Teachers, Except Special and Career/Technical Education	8,894	9,346	452	5.08%	45	211	256	3	3	2
25-2032	Career/Technical Education Teachers, Secondary School	985	985	0	0.00%	0	23	23	3	2	2
25-2051	Special Education Teachers, Preschool	369	419	50	13.55%	5	7	12	3	3	2
25-2052	Special Education Teachers, Kindergarten and Elementary School	989	1,045	56	5.66%	6	19	25	3	3	2
25-2053	Special Education Teachers, Middle School	651	684	33	5.07%	3	12	15	3	3	2
25-2054	Special Education Teachers, Secondary School	1,298	1,367	69	5.32%	7	24	31	3	3	2
25-2059	Special Education Teachers, All Other	312	373	61	19.55%	6	6	12	3	3	2
25-3000	Other Teachers and Instructors	7,647	8,287	640	8.37%	64	144	208			
25-3011	Adult Basic and Secondary Education and Literacy Teachers and Instructors	727	799	72	9.90%	7	14	21	3	3	2
25-3021	Self-Enrichment Education Teachers	1,037	1,191	154	14.85%	15	20	35	7	2	6
25-3097	Teachers and Instructors, All Other, Except Substitute Teachers	1,263	1,415	152	12.03%	15	24	39	3	3	2
25-3098	Substitute Teachers	4,620	4,882	262	5.67%	26	87	113	3	3	2
25-4000	Librarians, Curators, and Archivists	2,378	2,531	153	6.43%	15	70	85			
25-4011	Archivists	88	98	10	11.36%	1	3	4	2	3	6
25-4012	Curators	84	95	11	13.10%	1	3	4	2	3	6
25-4013	Museum Technicians and Conservators	111	127	16	14.41%	2	4	6	3	3	6
25-4021	Librarians	1,344	1,374	30	2.23%	3	25	28	2	3	6
25-4031	Library Technicians	751	837	86	11.45%	9	36	45	5	3	6
25-9000	Other Education, Training, and Library Occupations	10,881	11,778	897	8.24%	90	227	317			
25-9011	Audio-Visual and Multimedia Collections Specialists	142	158	16	11.27%	2	1	3	3	2	6

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Standard Occupational Classification		Employment		Growth		Annual Openings			Education/Training Codes		
Code	Title	2014 Estimated	2024 Projected	Net	Percent	Growth	Replacement	Total	Education	Work Experience	Job Training
25-9021	Farm and Home Management Advisors	299	360	61	20.40%	6	3	9	2	3	6
25-9031	Instructional Coordinators	1,684	1,838	154	9.14%	15	16	31	2	1	6
25-9041	Teacher Assistants	8,505	9,133	628	7.38%	63	204	267	6	3	6
25-9099	Education, Training, and Library Workers, All Other	251	289	38	15.14%	4	2	6	3	3	6
27-0000	ARTS, DESIGN, ENTERTAINMENT, SPORTS, AND MEDIA OCCUPATIONS	12,787	13,629	842	6.58%	93	315	408			
27-1000	Art and Design Workers	3,259	3,457	198	6.08%	22	75	97			
27-1011	Art Directors	314	338	24	7.64%	2	6	8	3	1	6
27-1012	Craft Artists	36	37	1	2.78%	0	1	1	8	3	3
27-1014	Multimedia Artists and Animators	76	81	5	6.58%	0	1	1	3	3	4
27-1019	Artists and Related Workers, All Other	22	25	3	13.64%	0	0	0	8	3	3
27-1021	Commercial and Industrial Designers	134	146	12	8.96%	1	3	4	3	3	6
27-1023	Floral Designers	436	419	-17	-3.90%	0	10	10	7	3	4
27-1024	Graphic Designers	1,205	1,267	62	5.15%	6	29	35	3	3	6
27-1025	Interior Designers	154	160	6	3.90%	1	4	5	3	3	6
27-1026	Merchandise Displayers and Window Trimmers	646	727	81	12.54%	8	15	23	7	3	4
27-2000	Entertainers and Performers, Sports and Related Workers	3,509	3,790	281	8.01%	28	113	141			
27-2012	Producers and Directors	391	428	37	9.46%	4	13	17	3	2	6
27-2022	Coaches and Scouts	1,702	1,808	106	6.23%	11	57	68	3	3	6
27-2041	Music Directors and Composers	542	585	43	7.93%	4	16	20	3	2	6
27-2099	Entertainers and Performers, Sports and Related Workers, All Other	52	57	5	9.62%	0	2	2	8	3	5
27-3000	Media and Communication Workers	4,162	4,390	228	5.48%	30	90	120			
27-3011	Radio and Television Announcers	447	383	-64	-14.32%	0	13	13	3	3	5
27-3012	Public Address System and Other Announcers	24	25	1	4.17%	0	1	1	7	3	5
27-3021	Broadcast News Analysts	43	39	-4	-9.30%	0	1	1	3	3	6
27-3022	Reporters and Correspondents	428	434	6	1.40%	1	14	15	3	3	6
27-3031	Public Relations Specialists	1,213	1,329	116	9.56%	12	14	26	3	3	6
27-3041	Editors	611	641	30	4.91%	3	22	25	3	2	6

2014-2024 Arkansas Statewide Occupational Projections											
Standard Occupational Classification		Employment		Growth		Annual Openings			Education/Training Codes		
Code	Title	2014 Estimated	2024 Projected	Net	Percent	Growth	Replacement	Total	Education	Work Experience	Job Training
27-3042	Technical Writers	186	208	22	11.83%	2	4	6	3	2	5
27-3043	Writers and Authors	1,044	1,137	93	8.91%	9	18	27	3	3	4
27-3091	Interpreters and Translators	120	142	22	18.33%	2	2	4	3	3	5
27-3099	Media and Communication Workers, All Other	46	52	6	13.04%	1	1	2	7	3	5
27-4000	Media and Communication Equipment Workers	1,857	1,992	135	7.27%	14	38	52			
27-4011	Audio and Video Equipment Technicians	293	340	47	16.04%	5	6	11	5	3	5
27-4012	Broadcast Technicians	109	114	5	4.59%	0	2	2	4	3	5
27-4014	Sound Engineering Technicians	53	55	2	3.77%	0	1	1	5	3	5
27-4021	Photographers	1,014	1,032	18	1.78%	2	25	27	7	3	3
27-4031	Camera Operators, Television, Video, and Motion Picture	86	93	7	8.14%	1	1	2	3	3	6
27-4032	Film and Video Editors	195	248	53	27.18%	5	2	7	3	3	6
27-4099	Media and Communication Equipment Workers, All Other	102	104	2	1.96%	0	2	2	7	3	5
29-0000	HEALTHCARE PRACTITIONERS AND TECHNICAL OCCUPATIONS	73,718	85,701	11,983	16.26%	1,203	1,662	2,865			
29-1000	Health Diagnosing and Treating Practitioners	42,564	49,884	7,320	17.20%	732	1,009	1,741			
29-1011	Chiropractors	436	501	65	14.91%	6	8	14	1	3	6
29-1021	Dentists, General	1,025	1,207	182	17.76%	18	21	39	1	3	6
29-1022	Oral and Maxillofacial Surgeons	103	123	20	19.42%	2	2	4	1	3	2
29-1029	Dentists, All Other Specialists	34	38	4	11.76%	0	1	1	1	3	2
29-1031	Dietitians and Nutritionists	563	660	97	17.23%	10	4	14	3	3	2
29-1041	Optometrists	380	475	95	25.00%	10	14	24	1	3	6
29-1051	Pharmacists	2,930	3,081	151	5.15%	15	68	83	1	3	6
29-1061	Anesthesiologists	159	191	32	20.13%	3	4	7	1	3	2
29-1062	Family and General Practitioners	1,533	1,714	181	11.81%	18	41	59	1	3	2
29-1063	Internists, General	383	418	35	9.14%	4	10	14	1	3	2
29-1064	Obstetricians and Gynecologists	183	218	35	19.13%	4	5	9	1	3	2
29-1065	Pediatricians, General	152	169	17	11.18%	2	4	6	1	3	2
29-1066	Psychiatrists	380	492	112	29.47%	11	10	21	1	3	2

2014-2024 Arkansas Statewide Occupational Projections

Standard Occupational Classification		Employment		Growth		Annual Openings			Education/Training Codes		
Code	Title	2014 Estimated	2024 Projected	Net	Percent	Growth	Replacement	Total	Education	Work Experience	Job Training
29-1067	Surgeons	602	742	140	23.26%	14	16	30	1	3	2
29-1069	Physicians and Surgeons, All Other	2,827	3,304	477	16.87%	48	76	124	1	3	2
29-1071	Physician Assistants	311	430	119	38.26%	12	7	19	2	3	6
29-1081	Podiatrists	53	61	8	15.09%	1	1	2	1	3	2
29-1122	Occupational Therapists	986	1,294	308	31.24%	31	19	50	2	3	6
29-1123	Physical Therapists	1,786	2,421	635	35.55%	64	48	112	1	3	6
29-1124	Radiation Therapists	199	275	76	38.19%	8	5	13	4	3	6
29-1125	Recreational Therapists	117	136	19	16.24%	2	3	5	3	3	6
29-1126	Respiratory Therapists	1,054	1,171	117	11.10%	12	25	37	4	3	6
29-1127	Speech-Language Pathologists	1,653	2,065	412	24.92%	41	42	83	2	3	6
29-1128	Exercise Physiologists	97	104	7	7.22%	1	1	2	3	3	6
29-1129	Therapists, All Other	99	118	19	19.19%	2	1	3	3	3	6
29-1131	Veterinarians	579	605	26	4.49%	3	9	12	1	3	6
29-1141	Registered Nurses	22,203	25,618	3,415	15.38%	342	524	866	3	3	6
29-1151	Nurse Anesthetists	379	462	83	21.90%	8	9	17	2	3	6
29-1171	Nurse Practitioners	1,082	1,475	393	36.32%	39	26	65	2	3	6
29-1181	Audiologists	62	78	16	25.81%	2	1	3	1	3	6
29-1199	Health Diagnosing and Treating Practitioners, All Other	187	206	19	10.16%	2	4	6	2	3	6
29-2000	Health Technologists and Technicians	29,849	34,335	4,486	15.03%	454	627	1,081			
29-2011	Medical and Clinical Laboratory Technologists	1,109	1,268	159	14.34%	16	26	42	3	3	6
29-2012	Medical and Clinical Laboratory Technicians	1,544	1,856	312	20.21%	31	37	68	4	3	6
29-2021	Dental Hygienists	1,355	1,630	275	20.30%	28	22	50	4	3	6
29-2031	Cardiovascular Technologists and Technicians	488	596	108	22.13%	11	9	20	4	3	6
29-2032	Diagnostic Medical Sonographers	394	502	108	27.41%	11	7	18	4	3	6
29-2033	Nuclear Medicine Technologists	146	147	1	0.68%	0	3	3	4	3	6
29-2034	Radiologic Technologists	1,779	1,950	171	9.61%	17	34	51	4	3	6
29-2035	Magnetic Resonance Imaging Technologists	253	287	34	13.44%	3	5	8	4	2	6
29-2041	Emergency Medical Technicians and Paramedics	2,207	2,758	551	24.97%	55	36	91	5	3	6
29-2051	Dietetic Technicians	208	256	48	23.08%	5	2	7	4	3	6
29-2052	Pharmacy Technicians	3,429	3,856	427	12.45%	43	34	77	7	3	4

2014-2024 Arkansas Statewide Occupational Projections											
Standard Occupational Classification		Employment		Growth		Annual Openings			Education/Training Codes		
Code	Title	2014 Estimated	2024 Projected	Net	Percent	Growth	Replacement	Total	Education	Work Experience	Job Training
29-2053	Psychiatric Technicians	649	792	143	22.03%	14	6	20	5	2	5
29-2054	Respiratory Therapy Technicians	266	217	-49	-18.42%	0	3	3	4	3	6
29-2055	Surgical Technologists	866	983	117	13.51%	12	9	21	5	3	6
29-2056	Veterinary Technologists and Technicians	252	285	33	13.10%	3	2	5	4	3	6
29-2057	Ophthalmic Medical Technicians	362	458	96	26.52%	10	4	14	5	3	6
29-2061	Licensed Practical and Licensed Vocational Nurses	11,570	12,928	1,358	11.74%	136	329	465	5	3	6
29-2071	Medical Records and Health Information Technicians	1,693	1,985	292	17.25%	29	38	67	5	3	6
29-2081	Opticians, Dispensing	458	570	112	24.45%	11	12	23	7	3	3
29-2099	Health Technologists and Technicians, All Other	705	863	158	22.41%	16	7	23	7	3	6
29-9000	Other Healthcare Practitioners and Technical Occupations	1,305	1,482	177	13.56%	18	26	44			
29-9011	Occupational Health and Safety Specialists	615	666	51	8.29%	5	12	17	3	3	6
29-9091	Athletic Trainers	263	325	62	23.57%	6	5	11	3	3	6
29-9099	Healthcare Practitioners and Technical Workers, All Other	263	298	35	13.31%	4	5	9	5	3	6

31-0000	HEALTHCARE SUPPORT OCCUPATIONS	37,618	44,270	6,652	17.68%	669	846	1,515			
31-1000	Nursing, Psychiatric, and Home Health Aides	26,075	30,153	4,078	15.64%	408	589	997			
31-1011	Home Health Aides	7,252	8,392	1,140	15.72%	114	164	278	8	3	5
31-1014	Nursing Assistants	18,275	21,079	2,804	15.34%	280	413	693	5	3	6
31-2000	Occupational Therapy and Physical Therapist Assistants and Aides	1,893	2,719	826	43.63%	83	55	138			
31-2011	Occupational Therapy Assistants	282	433	151	53.55%	15	8	23	4	3	6
31-2012	Occupational Therapy Aides	66	84	18	27.27%	2	2	4	7	3	5
31-2021	Physical Therapist Assistants	1,123	1,592	469	41.76%	47	32	79	4	3	6
31-2022	Physical Therapist Aides	422	610	188	44.55%	19	12	31	7	3	5
31-9000	Other Healthcare Support Occupations	9,650	11,398	1,748	18.11%	178	202	380			
31-9011	Massage Therapists	621	752	131	21.10%	13	5	18	5	3	6
31-9091	Dental Assistants	2,461	2,962	501	20.36%	50	61	111	5	3	6

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Standard Occupational Classification		Employment		Growth		Annual Openings			Education/Training Codes		
Code	Title	2014 Estimated	2024 Projected	Net	Percent	Growth	Replacement	Total	Education	Work Experience	Job Training
31-9092	Medical Assistants	2,704	3,424	720	26.63%	72	56	128	5	3	6
31-9094	Medical Transcriptionists	646	614	-32	-4.95%	0	14	14	5	3	6
31-9095	Pharmacy Aides	713	709	-4	-0.56%	0	15	15	7	3	5
31-9096	Veterinary Assistants and Laboratory Animal Caretakers	759	784	25	3.29%	2	16	18	7	3	5
31-9097	Phlebotomists	927	1,191	264	28.48%	26	19	45	5	3	6
33-0000	PROTECTIVE SERVICE OCCUPATIONS	25,328	28,221	2,893	11.42%	291	655	946			
33-1000	Supervisors of Protective Service Workers	2,535	2,842	307	12.11%	31	91	122			
33-1011	First-Line Supervisors of Correctional Officers	293	327	34	11.60%	3	8	11	7	2	4
33-1012	First-Line Supervisors of Police and Detectives	1,181	1,332	151	12.79%	15	42	57	7	2	4
33-1021	First-Line Supervisors of Fire Fighting and Prevention Workers	625	706	81	12.96%	8	30	38	5	2	4
33-1099	First-Line Supervisors of Protective Service Workers, All Other	436	477	41	9.40%	4	11	15	7	2	6
33-2000	Fire Fighting and Prevention Workers	3,020	3,422	402	13.31%	40	88	128			
33-2011	Firefighters	2,806	3,165	359	12.79%	36	81	117	5	3	3
33-2021	Fire Inspectors and Investigators	34	39	5	14.71%	0	1	1	5	1	4
33-2022	Forest Fire Inspectors and Prevention Specialists	180	218	38	21.11%	4	5	9	7	2	4
33-3000	Law Enforcement Workers	12,100	13,516	1,416	11.70%	143	364	507			
33-3011	Bailiffs	107	121	14	13.08%	1	3	4	7	3	4
33-3012	Correctional Officers and Jailers	5,336	5,926	590	11.06%	59	147	206	7	3	4
33-3021	Detectives and Criminal Investigators	555	617	62	11.17%	6	14	20	7	2	4
33-3031	Fish and Game Wardens	175	194	19	10.86%	2	5	7	3	3	4
33-3051	Police and Sheriff's Patrol Officers	5,837	6,583	746	12.78%	75	192	267	7	3	4
33-9000	Other Protective Service Workers	7,673	8,441	768	10.01%	77	113	190			
33-9011	Animal Control Workers	196	222	26	13.27%	3	4	7	7	3	4
33-9021	Private Detectives and Investigators	195	212	17	8.72%	2	5	7	7	2	4
33-9032	Security Guards	5,737	6,306	569	9.92%	57	81	138	7	3	5

2014-2024 Arkansas Statewide Occupational Projections											
Standard Occupational Classification		Employment		Growth		Annual Openings			Education/Training Codes		
Code	Title	2014 Estimated	2024 Projected	Net	Percent	Growth	Replacement	Total	Education	Work Experience	Job Training
33-9092	Lifeguards, Ski Patrol, and Other Recreational Protective Service Workers	589	664	75	12.73%	8	8	16	8	3	5
33-9093	Transportation Security Screeners	193	205	12	6.22%	1	3	4	7	3	5
33-9099	Protective Service Workers, All Other	579	639	60	10.36%	6	8	14	7	3	5
35-0000	FOOD PREPARATION AND SERVING RELATED OCCUPATIONS	100,464	118,105	17,641	17.56%	1,795	3,524	5,319			
35-1000	Supervisors of Food Preparation and Serving Workers	9,631	11,896	2,265	23.52%	226	277	503			
35-1011	Chefs and Head Cooks	635	764	129	20.31%	13	10	23	7	1	6
35-1012	First-Line Supervisors of Food Preparation and Serving Workers	8,996	11,132	2,136	23.74%	214	267	481	7	2	6
35-2000	Cooks and Food Preparation Workers	34,459	38,558	4,099	11.90%	441	922	1,363			
35-2011	Cooks, Fast Food	10,666	10,355	-311	-2.92%	0	282	282	8	3	5
35-2012	Cooks, Institution and Cafeteria	6,190	6,495	305	4.93%	30	164	194	8	3	5
35-2013	Cooks, Private Household	86	93	7	8.14%	1	2	3	5	2	6
35-2014	Cooks, Restaurant	9,256	12,175	2,919	31.54%	292	245	537	8	2	4
35-2015	Cooks, Short Order	880	923	43	4.89%	4	23	27	8	3	5
35-2019	Cooks, All Other	216	226	10	4.63%	1	6	7	8	3	4
35-2021	Food Preparation Workers	7,165	8,291	1,126	15.72%	113	200	313	8	3	5
35-3000	Food and Beverage Serving Workers	49,655	60,071	10,416	20.98%	1,042	1,970	3,012			
35-3011	Bartenders	1,896	2,257	361	19.04%	36	71	107	8	3	5
35-3021	Combined Food Preparation and Serving Workers, Including Fast Food	24,044	30,181	6,137	25.52%	614	777	1,391	8	3	5
35-3022	Counter Attendants, Cafeteria, Food Concession, and Coffee Shop	2,229	2,542	313	14.04%	31	134	165	8	3	5
35-3031	Waiters and Waitresses	19,542	22,841	3,299	16.88%	330	940	1,270	8	3	5
35-3041	Food Servers, Nonrestaurant	1,944	2,250	306	15.74%	31	48	79	8	3	5
35-9000	Other Food Preparation and Serving Related Workers	6,719	7,580	861	12.81%	86	355	441			
35-9021	Dishwashers	3,383	3,619	236	6.98%	24	146	170	8	3	5
35-9031	Hosts and Hostesses, Restaurant, Lounge, and Coffee Shop	2,001	2,399	398	19.89%	40	142	182	8	3	6

2014-2024 Arkansas Statewide Occupational Projections											
Standard Occupational Classification		Employment		Growth		Annual Openings			Education/Training Codes		
Code	Title	2014 Estimated	2024 Projected	Net	Percent	Growth	Replacement	Total	Education	Work Experience	Job Training
37-0000	BUILDING AND GROUNDS CLEANING AND MAINTENANCE OCCUPATIONS	42,399	45,743	3,344	7.89%	335	855	1,190			
37-1000	<i>Supervisors of Building and Grounds Cleaning and Maintenance Workers</i>	4,476	4,825	349	7.80%	35	72	107			
37-1011	First-Line Supervisors of Housekeeping and Janitorial Workers	2,566	2,763	197	7.68%	20	40	60	7	2	6
37-1012	First-Line Supervisors of Landscaping, Lawn Service, and Groundskeeping Workers	1,910	2,062	152	7.96%	15	32	47	7	2	6
37-2000	<i>Building Cleaning and Pest Control Workers</i>	30,071	32,419	2,348	7.81%	236	641	877			
37-2011	Janitors and Cleaners, Except Maids and Housekeeping Cleaners	19,375	20,946	1,571	8.11%	157	385	542	8	3	5
37-2012	Maids and Housekeeping Cleaners	9,627	10,409	782	8.12%	78	230	308	8	3	5
37-3000	<i>Grounds Maintenance Workers</i>	7,852	8,499	647	8.24%	65	142	207			
37-3011	Landscaping and Groundskeeping Workers	6,441	6,992	551	8.55%	55	116	171	8	3	5
37-3013	Tree Trimmers and Pruners	765	816	51	6.67%	5	14	19	7	3	5
39-0000	PERSONAL CARE AND SERVICE OCCUPATIONS	43,808	49,432	5,624	12.84%	564	886	1,450			
39-1000	<i>Supervisors of Personal Care and Service Workers</i>	1,805	2,004	199	11.02%	20	35	55			
39-1011	Gaming Supervisors	77	87	10	12.99%	1	2	3	7	2	6
39-1021	First-Line Supervisors of Personal Service Workers	1,728	1,917	189	10.94%	19	33	52	7	2	6
39-2000	<i>Animal Care and Service Workers</i>	2,174	2,384	210	9.66%	21	52	73			
39-2011	Animal Trainers	455	498	43	9.45%	4	16	20	7	3	4
39-2021	Nonfarm Animal Caretakers	1,719	1,886	167	9.71%	17	35	52	7	3	5
39-3000	<i>Entertainment Attendants and Related Workers</i>	2,204	2,396	192	8.71%	21	100	121			
39-3021	Motion Picture Projectionists	119	104	-15	-12.61%	0	5	5	8	3	5
39-3031	Ushers, Lobby Attendants, and Ticket Takers	471	509	38	8.07%	4	30	34	8	3	5

2014-2024 Arkansas Statewide Occupational Projections											
Standard Occupational Classification		Employment		Growth		Annual Openings			Education/Training Codes		
Code	Title	2014 Estimated	2024 Projected	Net	Percent	Growth	Replacement	Total	Education	Work Experience	Job Training
39-3091	Amusement and Recreation Attendants	1,224	1,337	113	9.23%	11	51	62	8	3	5
39-3093	Locker Room, Coatroom, and Dressing Room Attendants	146	164	18	12.33%	2	6	8	7	3	5
39-4000	Funeral Service Workers	844	877	33	3.91%	4	18	22			
39-4011	Embalmers	98	94	-4	-4.08%	0	2	2	5	3	5
39-4021	Funeral Attendants	379	382	3	0.79%	0	8	8	7	3	5
39-4031	Morticians, Undertakers, and Funeral Directors	367	401	34	9.26%	3	8	11	4	3	3
39-5000	Personal Appearance Workers	3,167	3,430	263	8.30%	26	74	100			
39-5012	Hairdressers, Hairstylists, and Cosmetologists	2,729	2,951	222	8.13%	22	70	92	5	3	6
39-5092	Manicurists and Pedicurists	217	237	20	9.22%	2	2	4	5	3	6
39-5094	Skincare Specialists	140	154	14	10.00%	1	1	2	5	3	6
39-6000	Baggage Porters, Bellhops, and Concierges	205	217	12	5.85%	1	4	5			
39-6011	Baggage Porters and Bellhops	173	181	8	4.62%	1	4	5	7	3	5
39-6012	Concierges	32	36	4	12.50%	0	1	1	7	3	4
39-7000	Tour and Travel Guides	189	209	20	10.58%	2	7	9			
39-9000	Other Personal Care and Service Workers	33,220	37,915	4,695	14.13%	470	594	1,064			
39-9011	Childcare Workers	12,734	14,102	1,368	10.74%	137	376	513	7	3	5
39-9021	Personal Care Aides	16,418	19,263	2,845	17.33%	284	133	417	8	3	5
39-9031	Fitness Trainers and Aerobics Instructors	1,293	1,436	143	11.06%	14	24	38	7	3	5
39-9032	Recreation Workers	1,590	1,778	188	11.82%	19	29	48	7	3	5
39-9041	Residential Advisors	707	830	123	17.40%	12	22	34	7	3	5
39-9099	Personal Care and Service Workers, All Other	478	506	28	5.86%	3	11	14	7	3	5
41-0000	SALES AND RELATED OCCUPATIONS	133,884	146,636	12,752	9.52%	1,281	4,048	5,329			
41-1000	Supervisors of Sales Workers	21,223	22,985	1,762	8.30%	176	438	614			
41-1011	First-Line Supervisors of Retail Sales Workers	17,824	19,280	1,456	8.17%	146	398	544	7	2	6
41-1012	First-Line Supervisors of Non-Retail Sales Workers	3,399	3,705	306	9.00%	31	39	70	7	2	6

2014-2024 Arkansas Statewide Occupational Projections											
Standard Occupational Classification		Employment		Growth		Annual Openings			Education/Training Codes		
Code	Title	2014 Estimated	2024 Projected	Net	Percent	Growth	Replacement	Total	Education	Work Experience	Job Training
41-2000	Retail Sales Workers	78,697	86,099	7,402	9.41%	740	2,905	3,645			
41-2011	Cashiers	31,814	33,582	1,768	5.56%	177	1,354	1,531	8	3	5
41-2021	Counter and Rental Clerks	3,647	3,875	228	6.25%	23	90	113	8	3	5
41-2031	Retail Salespersons	39,941	45,120	5,179	12.97%	518	1,384	1,902	8	3	5
41-3000	Sales Representatives, Services	11,515	12,587	1,072	9.31%	110	276	386			
41-3011	Advertising Sales Agents	1,326	1,407	81	6.11%	8	39	47	7	3	4
41-3021	Insurance Sales Agents	5,229	5,739	510	9.75%	51	137	188	7	3	4
41-3031	Securities, Commodities, and Financial Services Sales Agents	1,246	1,379	133	10.67%	13	22	35	3	3	4
41-3041	Travel Agents	205	181	-24	-11.71%	0	3	3	7	3	4
41-3099	Sales Representatives, Services, All Other	3,509	3,881	372	10.60%	37	75	112	7	3	4
41-4000	Sales Representatives, Wholesale and Manufacturing	16,178	18,153	1,975	12.21%	198	333	531			
41-4011	Sales Representatives, Wholesale and Manufacturing, Technical and Scientific Products	1,883	2,112	229	12.16%	23	39	62	3	3	4
41-4012	Sales Representatives, Wholesale and Manufacturing, Except Technical and Scientific Products	14,295	16,041	1,746	12.21%	175	294	469	7	3	4
41-9000	Other Sales and Related Workers	6,271	6,812	541	8.63%	58	96	154			
41-9011	Demonstrators and Product Promoters	1,058	1,182	124	11.72%	12	31	43	7	3	5
41-9021	Real Estate Brokers	145	166	21	14.48%	2	1	3	7	2	6
41-9022	Real Estate Sales Agents	2,095	2,382	287	13.70%	29	15	44	7	3	4
41-9041	Telemarketers	1,742	1,705	-37	-2.12%	0	32	32	8	3	5
41-9091	Door-to-Door Sales Workers, News and Street Vendors, and Related Workers	311	328	17	5.47%	2	3	5	8	3	5
41-9099	Sales and Related Workers, All Other	758	865	107	14.12%	11	11	22	7	3	6
43-0000	OFFICE AND ADMINISTRATIVE SUPPORT OCCUPATIONS	188,666	199,677	11,011	5.84%	1,338	3,906	5,244			
43-1000	Supervisors of Office and Administrative Support Workers	14,834	16,505	1,671	11.26%	167	224	391			
43-1011	First-Line Supervisors of Office and Administrative Support Workers	14,834	16,505	1,671	11.26%	167	224	391	7	2	6
43-2000	Communications Equipment Operators	800	555	-245	-30.63%	0	10	10			

2014-2024 Arkansas Statewide Occupational Projections											
Standard Occupational Classification		Employment		Growth		Annual Openings			Education/Training Codes		
Code	Title	2014 Estimated	2024 Projected	Net	Percent	Growth	Replacement	Total	Education	Work Experience	Job Training
43-3000	Financial Clerks	27,374	27,024	-350	-1.28%	66	571	637			
43-3011	Bill and Account Collectors	1,750	1,764	14	0.80%	1	43	44	7	3	4
43-3021	Billing and Posting Clerks	3,955	4,586	631	15.95%	63	83	146	7	3	4
43-3031	Bookkeeping, Accounting, and Auditing Clerks	12,938	12,199	-739	-5.71%	0	127	127	6	3	4
43-3051	Payroll and Timekeeping Clerks	1,569	1,568	-1	-0.06%	0	42	42	7	3	4
43-3061	Procurement Clerks	630	621	-9	-1.43%	0	22	22	7	3	4
43-3071	Tellers	6,451	6,194	-257	-3.98%	0	252	252	7	3	5
43-4000	Information and Record Clerks	41,880	46,196	4,316	10.31%	438	1,038	1,476			
43-4011	Brokerage Clerks	252	277	25	9.92%	2	6	8	7	3	4
43-4021	Correspondence Clerks	61	57	-4	-6.56%	0	2	2	7	3	5
43-4031	Court, Municipal, and License Clerks	1,158	1,304	146	12.61%	15	7	22	7	3	4
43-4041	Credit Authorizers, Checkers, and Clerks	179	173	-6	-3.35%	0	2	2	7	3	4
43-4051	Customer Service Representatives	18,683	21,151	2,468	13.21%	247	460	707	7	3	5
43-4061	Eligibility Interviewers, Government Programs	1,722	1,904	182	10.57%	18	19	37	7	3	4
43-4071	File Clerks	910	892	-18	-1.98%	0	18	18	7	3	5
43-4081	Hotel, Motel, and Resort Desk Clerks	2,670	2,863	193	7.23%	19	138	157	7	3	5
43-4111	Interviewers, Except Eligibility and Loan	1,006	1,106	100	9.94%	10	23	33	7	3	5
43-4121	Library Assistants, Clerical	1,175	1,319	144	12.26%	14	36	50	7	3	5
43-4131	Loan Interviewers and Clerks	1,485	1,647	162	10.91%	16	23	39	7	3	5
43-4141	New Accounts Clerks	658	632	-26	-3.95%	0	16	16	7	3	4
43-4151	Order Clerks	1,149	1,161	12	1.04%	1	31	32	7	3	5
43-4161	Human Resources Assistants, Except Payroll and Timekeeping	1,483	1,478	-5	-0.34%	0	17	17	4	3	6
43-4171	Receptionists and Information Clerks	7,700	8,512	812	10.55%	81	208	289	7	3	5
43-4181	Reservation and Transportation Ticket Agents and Travel Clerks	609	654	45	7.39%	4	8	12	7	3	5
43-4199	Information and Record Clerks, All Other	980	1,066	86	8.78%	9	25	34	7	3	5
43-5000	Material Recording, Scheduling, Dispatching, and Distributing Workers	33,473	34,843	1,370	4.09%	204	896	1,100			
43-5031	Police, Fire, and Ambulance Dispatchers	1,304	1,344	40	3.07%	4	33	37	7	3	4

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Standard Occupational Classification		Employment		Growth		Annual Openings			Education/Training Codes		
Code	Title	2014 Estimated	2024 Projected	Net	Percent	Growth	Replacement	Total	Education	Work Experience	Job Training
43-5032	Dispatchers, Except Police, Fire, and Ambulance	1,547	1,719	172	11.12%	17	39	56	7	3	4
43-5041	Meter Readers, Utilities	654	572	-82	-12.54%	0	12	12	7	3	5
43-5051	Postal Service Clerks	967	856	-111	-11.48%	0	12	12	7	3	5
43-5052	Postal Service Mail Carriers	2,906	2,574	-332	-11.42%	0	56	56	7	3	5
43-5053	Postal Service Mail Sorters, Processors, and Processing Machine Operators	700	558	-142	-20.29%	0	8	8	7	3	5
43-5061	Production, Planning, and Expediting Clerks	2,288	2,457	169	7.39%	17	62	79	7	3	4
43-5071	Shipping, Receiving, and Traffic Clerks	4,375	4,464	89	2.03%	9	95	104	7	3	5
43-5081	Stock Clerks and Order Fillers	16,542	17,938	1,396	8.44%	140	525	665	8	3	5
43-5111	Weighers, Measurers, Checkers, and Samplers, Recordkeeping	1,036	1,055	19	1.83%	2	31	33	7	3	5
43-6000	Secretaries and Administrative Assistants	30,494	32,168	1,674	5.49%	176	322	498			
43-6011	Executive Secretaries and Executive Administrative Assistants	4,769	4,681	-88	-1.85%	0	50	50	7	2	6
43-6012	Legal Secretaries	1,498	1,549	51	3.40%	5	16	21	7	3	4
43-6013	Medical Secretaries	2,938	3,472	534	18.18%	53	31	84	7	3	4
43-6014	Secretaries and Administrative Assistants, Except Legal, Medical, and Executive	21,289	22,466	1,177	5.53%	118	224	342	7	3	5
43-9000	Other Office and Administrative Support Workers	39,811	42,386	2,575	6.47%	287	846	1,133			
43-9011	Computer Operators	1,037	870	-167	-16.10%	0	8	8	7	3	4
43-9021	Data Entry Keyers	1,554	1,531	-23	-1.48%	0	20	20	7	3	4
43-9022	Word Processors and Typists	148	134	-14	-9.46%	0	0	0	7	3	5
43-9031	Desktop Publishers	88	75	-13	-14.77%	0	2	2	4	3	5
43-9041	Insurance Claims and Policy Processing Clerks	1,311	1,484	173	13.20%	17	33	50	7	3	4
43-9051	Mail Clerks and Mail Machine Operators, Except Postal Service	428	377	-51	-11.92%	0	9	9	7	3	5
43-9061	Office Clerks, General	32,357	34,753	2,396	7.40%	240	698	938	7	3	5
43-9071	Office Machine Operators, Except Computer	231	201	-30	-12.99%	0	5	5	7	3	5
43-9081	Proofreaders and Copy Markers	105	109	4	3.81%	0	2	2	3	3	6
43-9199	Office and Administrative Support Workers, All Other	2,536	2,837	301	11.87%	30	68	98	7	3	5

2014-2024 Arkansas Statewide Occupational Projections											
Standard Occupational Classification		Employment		Growth		Annual Openings			Education/Training Codes		
Code	Title	2014 Estimated	2024 Projected	Net	Percent	Growth	Replacement	Total	Education	Work Experience	Job Training
45-0000	FARMING, FISHING, AND FORESTRY OCCUPATIONS	12,093	12,265	172	1.42%	31	298	329			
45-2000	<i>Agricultural Workers</i>	9,540	9,673	133	1.39%	21	237	258			
45-2011	Agricultural Inspectors	405	431	26	6.42%	3	10	13	3	3	4
45-2041	Graders and Sorters, Agricultural Products	1,564	1,525	-39	-2.49%	0	25	25	8	3	5
45-2091	Agricultural Equipment Operators	835	925	90	10.78%	9	22	31	8	3	5
45-2092	Farmworkers and Laborers, Crop, Nursery, and Greenhouse	4,629	4,721	92	1.99%	9	123	132	8	3	5
45-2093	Farmworkers, Farm, Ranch, and Aquacultural Animals	1,879	1,849	-30	-1.60%	0	50	50	8	3	5
45-4000	<i>Forest, Conservation, and Logging Workers</i>	2,009	2,060	51	2.54%	10	48	58			
45-4021	Fallers	418	371	-47	-11.24%	0	10	10	7	3	4
45-4022	Logging Equipment Operators	1,234	1,312	78	6.32%	8	29	37	7	3	4
45-4023	Log Graders and Scalers	217	226	9	4.15%	1	5	6	7	3	4
47-0000	CONSTRUCTION AND EXTRACTION OCCUPATIONS	52,667	58,378	5,711	10.84%	573	848	1,421			
47-1000	<i>Supervisors of Construction and Extraction Workers</i>	5,647	6,206	559	9.90%	56	45	101			
47-1011	First-Line Supervisors of Construction Trades and Extraction Workers	5,647	6,206	559	9.90%	56	45	101	7	1	6
47-2000	<i>Construction Trades Workers</i>	38,457	42,762	4,305	11.19%	430	622	1,052			
47-2011	Boilermakers	31	35	4	12.90%	0	0	0	7	3	1
47-2021	Brickmasons and Blockmasons	692	842	150	21.68%	15	6	21	7	3	1
47-2022	Stonemasons	59	68	9	15.25%	1	0	1	7	3	1
47-2031	Carpenters	5,610	6,085	475	8.47%	48	64	112	7	3	1
47-2041	Carpet Installers	86	86	0	0.00%	0	1	1	8	3	5
47-2044	Tile and Marble Setters	196	210	14	7.14%	1	3	4	8	3	3
47-2051	Cement Masons and Concrete Finishers	1,117	1,256	139	12.44%	14	14	28	8	3	4
47-2061	Construction Laborers	9,899	11,031	1,132	11.44%	113	197	310	8	3	5

2014-2024 Arkansas Statewide Occupational Projections											
Standard Occupational Classification		Employment		Growth		Annual Openings			Education/Training Codes		
Code	Title	2014 Estimated	2024 Projected	Net	Percent	Growth	Replacement	Total	Education	Work Experience	Job Training
47-2071	Paving, Surfacing, and Tamping Equipment Operators	983	1,093	110	11.19%	11	24	35	7	3	4
47-2073	Operating Engineers and Other Construction Equipment Operators	4,206	4,534	328	7.80%	33	70	103	7	3	4
47-2081	Drywall and Ceiling Tile Installers	433	456	23	5.31%	2	3	5	8	3	4
47-2111	Electricians	5,504	6,390	886	16.10%	89	84	173	7	3	1
47-2121	Glaziers	338	348	10	2.96%	1	5	6	7	3	1
47-2131	Insulation Workers, Floor, Ceiling, and Wall	228	240	12	5.26%	1	8	9	8	3	5
47-2132	Insulation Workers, Mechanical	149	193	44	29.53%	4	5	9	7	3	1
47-2141	Painters, Construction and Maintenance	1,846	2,021	175	9.48%	18	29	47	8	3	4
47-2142	Paperhangers	66	72	6	9.09%	1	1	2	8	3	3
47-2151	Pipelayers	426	449	23	5.40%	2	6	8	8	3	5
47-2152	Plumbers, Pipefitters, and Steamfitters	3,443	3,876	433	12.58%	43	46	89	7	3	1
47-2161	Plasterers and Stucco Masons	60	65	5	8.33%	0	0	0	8	3	3
47-2171	Reinforcing Iron and Rebar Workers	99	122	23	23.23%	2	2	4	7	3	1
47-2181	Roofers	774	869	95	12.27%	10	12	22	8	3	4
47-2211	Sheet Metal Workers	1,231	1,360	129	10.48%	13	26	39	7	3	1
47-2221	Structural Iron and Steel Workers	841	909	68	8.09%	7	14	21	7	3	1
47-3000	Helpers, Construction Trades	2,431	2,807	376	15.47%	38	30	68			
47-3011	Helpers--Brickmasons, Blockmasons, Stonemasons, and Tile and Marble Setters	376	469	93	24.73%	9	5	14	8	3	5
47-3012	Helpers--Carpenters	322	354	32	9.94%	3	4	7	8	3	5
47-3013	Helpers--Electricians	473	570	97	20.51%	10	6	16	7	3	5
47-3014	Helpers--Painters, Paperhangers, Plasterers, and Stucco Masons	221	244	23	10.41%	2	3	5	8	3	5
47-3015	Helpers--Pipelayers, Plumbers, Pipefitters, and Steamfitters	462	524	62	13.42%	6	6	12	7	3	5
47-3016	Helpers--Roofers	225	257	32	14.22%	3	3	6	8	3	5
47-3019	Helpers, Construction Trades, All Other	352	389	37	10.51%	4	4	8	8	3	5
47-4000	Other Construction and Related Workers	3,692	4,116	424	11.48%	42	92	134			
47-4011	Construction and Building Inspectors	724	811	87	12.02%	9	20	29	7	1	4
47-4021	Elevator Installers and Repairers	35	41	6	17.14%	1	0	1	7	3	1
47-4031	Fence Erectors	244	265	21	8.61%	2	5	7	8	3	4

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Standard Occupational Classification		Employment		Growth		Annual Openings			Education/Training Codes		
Code	Title	2014 Estimated	2024 Projected	Net	Percent	Growth	Replacement	Total	Education	Work Experience	Job Training
47-4041	Hazardous Materials Removal Workers	188	208	20	10.64%	2	4	6	7	3	4
47-4051	Highway Maintenance Workers	1,864	2,092	228	12.23%	23	50	73	7	3	4
47-4061	Rail-Track Laying and Maintenance Equipment Operators	170	174	4	2.35%	0	4	4	7	3	4
47-4071	Septic Tank Servicers and Sewer Pipe Cleaners	172	217	45	26.16%	4	4	8	8	3	4
47-4099	Construction and Related Workers, All Other	295	308	13	4.41%	1	4	5	7	3	4
47-5000	Extraction Workers	2,440	2,487	47	1.93%	6	59	65			
47-5011	Derrick Operators, Oil and Gas	218	239	21	9.63%	2	8	10	8	3	5
47-5012	Rotary Drill Operators, Oil and Gas	90	98	8	8.89%	1	3	4	8	3	4
47-5013	Service Unit Operators, Oil, Gas, and Mining	653	650	-3	-0.46%	0	22	22	8	3	4
47-5031	Explosives Workers, Ordnance Handling Experts, and Blasters	168	177	9	5.36%	1	3	4	7	2	3
47-5041	Continuous Mining Machine Operators	113	108	-5	-4.42%	0	2	2	8	3	4
47-5051	Rock Splitters, Quarry	56	59	3	5.36%	0	1	1	8	3	5
47-5071	Roustabouts, Oil and Gas	572	569	-3	-0.52%	0	11	11	8	3	4
47-5081	Helpers--Extraction Workers	271	287	16	5.90%	2	3	5	7	3	4
47-5099	Extraction Workers, All Other	38	40	2	5.26%	0	0	0	7	3	4
49-0000	INSTALLATION, MAINTENANCE, AND REPAIR OCCUPATIONS	54,237	59,391	5,154	9.50%	541	1,274	1,815			
49-1000	Supervisors of Installation, Maintenance, and Repair Workers	4,592	4,913	321	6.99%	32	92	124			
49-1011	First-Line Supervisors of Mechanics, Installers, and Repairers	4,592	4,913	321	6.99%	32	92	124	7	2	6
49-2000	Electrical and Electronic Equipment Mechanics, Installers, and Repairers	5,156	5,255	99	1.92%	26	83	109			
49-2011	Computer, Automated Teller, and Office Machine Repairers	1,065	1,146	81	7.61%	8	21	29	6	3	5
49-2021	Radio, Cellular, and Tower Equipment Installers and Repairs	63	59	-4	-6.35%	0	1	1	4	3	4
49-2022	Telecommunications Equipment Installers and Repairers, Except Line Installers	1,748	1,616	-132	-7.55%	0	16	16	5	3	4
49-2091	Avionics Technicians	116	125	9	7.76%	1	2	3	4	3	6

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Standard Occupational Classification		Employment		Growth		Annual Openings			Education/Training Codes		
Code	Title	2014 Estimated	2024 Projected	Net	Percent	Growth	Replacement	Total	Education	Work Experience	Job Training
49-2092	Electric Motor, Power Tool, and Related Repairers	382	390	8	2.09%	1	11	12	5	3	3
49-2094	Electrical and Electronics Repairers, Commercial and Industrial Equipment	421	440	19	4.51%	2	7	9	5	3	3
49-2097	Electronic Home Entertainment Equipment Installers and Repairers	377	413	36	9.55%	4	5	9	5	3	5
49-2098	Security and Fire Alarm Systems Installers	488	572	84	17.21%	8	12	20	7	3	4
49-3000	Vehicle and Mobile Equipment Mechanics, Installers, and Repairers	15,696	17,059	1,363	8.68%	136	372	508			
49-3011	Aircraft Mechanics and Service Technicians	986	1,068	82	8.32%	8	24	32	5	3	6
49-3021	Automotive Body and Related Repairers	1,228	1,330	102	8.31%	10	28	38	7	3	3
49-3022	Automotive Glass Installers and Repairers	273	293	20	7.33%	2	4	6	7	3	4
49-3023	Automotive Service Technicians and Mechanics	5,441	5,728	287	5.27%	29	146	175	5	3	5
49-3031	Bus and Truck Mechanics and Diesel Engine Specialists	3,553	4,067	514	14.47%	51	61	112	7	3	3
49-3041	Farm Equipment Mechanics and Service Technicians	902	998	96	10.64%	10	21	31	7	3	3
49-3042	Mobile Heavy Equipment Mechanics, Except Engines	1,020	1,089	69	6.76%	7	24	31	7	3	3
49-3043	Rail Car Repairers	217	283	66	30.41%	7	5	12	7	3	3
49-3051	Motorboat Mechanics and Service Technicians	234	249	15	6.41%	2	5	7	7	3	3
49-3052	Motorcycle Mechanics	215	237	22	10.23%	2	4	6	5	3	5
49-3053	Outdoor Power Equipment and Other Small Engine Mechanics	358	385	27	7.54%	3	7	10	7	3	4
49-3093	Tire Repairers and Growthrs	1,080	1,125	45	4.17%	4	37	41	7	3	5
49-9000	Other Installation, Maintenance, and Repair Occupations	28,793	32,164	3,371	11.71%	346	727	1,073			
49-9011	Mechanical Door Repairers	131	153	22	16.79%	2	5	7	7	3	4
49-9012	Control and Valve Installers and Repairers, Except Mechanical Door	663	642	-21	-3.17%	0	26	26	7	3	4
49-9021	Heating, Air Conditioning, and Refrigeration Mechanics and Installers	2,577	3,002	425	16.49%	42	39	81	5	3	3
49-9031	Home Appliance Repairers	294	299	5	1.70%	0	8	8	7	3	4
49-9041	Industrial Machinery Mechanics	4,757	5,895	1,138	23.92%	114	123	237	7	3	3
49-9043	Maintenance Workers, Machinery	789	912	123	15.59%	12	13	25	7	3	4

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Standard Occupational Classification		Employment		Growth		Annual Openings			Education/Training Codes		
Code	Title	2014 Estimated	2024 Projected	Net	Percent	Growth	Replacement	Total	Education	Work Experience	Job Training
49-9044	Millwrights	772	891	119	15.41%	12	16	28	7	3	1
49-9045	Refractory Materials Repairers, Except Brickmasons	55	68	13	23.64%	1	1	2	7	3	4
49-9051	Electrical Power-Line Installers and Repairers	1,415	1,499	84	5.94%	8	56	64	7	3	3
49-9052	Telecommunications Line Installers and Repairers	801	766	-35	-4.37%	0	15	15	7	3	3
49-9062	Medical Equipment Repairers	334	380	46	13.77%	5	6	11	4	3	4
49-9063	Musical Instrument Repairers and Tuners	20	20	0	0.00%	0	0	0	7	3	1
49-9069	Precision Instrument and Equipment Repairers, All Other	69	75	6	8.70%	1	1	2	7	3	3
49-9071	Maintenance and Repair Workers, General	12,688	13,877	1,189	9.37%	119	332	451	7	3	3
49-9091	Coin, Vending, and Amusement Machine Servicers and Repairers	325	318	-7	-2.15%	0	4	4	7	3	5
49-9094	Locksmiths and Safe Repairers	119	108	-11	-9.24%	0	6	6	7	3	3
49-9096	Riggers	85	94	9	10.59%	1	2	3	7	3	5
49-9097	Signal and Track Switch Repairers	150	158	8	5.33%	1	2	3	7	3	4
49-9098	Helpers--Installation, Maintenance, and Repair Workers	1,562	1,736	174	11.14%	17	50	67	7	3	5
49-9099	Installation, Maintenance, and Repair Workers, All Other	1,066	1,167	101	9.47%	10	16	26	7	3	4
51-0000	PRODUCTION OCCUPATIONS	115,132	119,180	4,048	3.52%	573	2,624	3,197			
51-1000	Supervisors of Production Workers	7,752	8,133	381	4.91%	38	122	160			
51-1011	First-Line Supervisors of Production and Operating Workers	7,752	8,133	381	4.91%	38	122	160	7	2	6
51-2000	Assemblers and Fabricators	18,695	19,840	1,145	6.12%	117	383	500			
51-2021	Coil Winders, Tapers, and Finishers	348	331	-17	-4.89%	0	4	4	7	3	4
51-2022	Electrical and Electronic Equipment Assemblers	825	816	-9	-1.09%	0	10	10	7	3	4
51-2041	Structural Metal Fabricators and Fitters	955	1,038	83	8.69%	8	16	24	7	3	4
51-2091	Fiberglass Laminators and Fabricators	674	747	73	10.83%	7	14	21	7	3	4
51-2092	Team Assemblers	13,344	14,224	880	6.59%	88	287	375	7	3	4
51-2099	Assemblers and Fabricators, All Other	1,871	1,970	99	5.29%	10	40	50	7	3	4
51-3000	Food Processing Workers	16,133	17,060	927	5.75%	93	327	420			

2014-2024 Arkansas Statewide Occupational Projections

Standard Occupational Classification		Employment		Growth		Annual Openings			Education/Training Codes		
Code	Title	2014 Estimated	2024 Projected	Net	Percent	Growth	Replacement	Total	Education	Work Experience	Job Training
51-3011	Bakers	1,103	1,259	156	14.14%	16	24	40	8	3	3
51-3021	Butchers and Meat Cutters	839	875	36	4.29%	4	17	21	8	3	3
51-3022	Meat, Poultry, and Fish Cutters and Trimmers	6,919	7,274	355	5.13%	36	137	173	8	3	5
51-3023	Slaughterers and Meat Packers	1,585	1,665	80	5.05%	8	31	39	8	3	5
51-3091	Food and Tobacco Roasting, Baking, and Drying Machine Operators and Tenders	230	252	22	9.57%	2	5	7	8	3	4
51-3092	Food Batchmakers	1,514	1,524	10	0.66%	1	33	34	7	3	4
51-3093	Food Cooking Machine Operators and Tenders	671	722	51	7.60%	5	14	19	7	3	4
51-3099	Food Processing Workers, All Other	3,272	3,489	217	6.63%	22	67	89	8	3	4
51-4000	Metal Workers and Plastic Workers	20,175	20,412	237	1.17%	131	492	623			
51-4011	Computer-Controlled Machine Tool Operators, Metal and Plastic	1,660	2,076	416	25.06%	42	50	92	7	3	4
51-4012	Computer Numerically Controlled Machine Tool Programmers, Metal and Plastic	222	286	64	28.83%	6	7	13	7	3	3
51-4021	Extruding and Drawing Machine Setters, Operators, and Tenders, Metal and Plastic	788	658	-130	-16.50%	0	19	19	7	3	4
51-4023	Rolling Machine Setters, Operators, and Tenders, Metal and Plastic	253	262	9	3.56%	1	6	7	7	3	4
51-4031	Cutting, Punching, and Press Machine Setters, Operators, and Tenders, Metal and Plastic	2,271	1,899	-372	-16.38%	0	29	29	7	3	4
51-4032	Drilling and Boring Machine Tool Setters, Operators, and Tenders, Metal and Plastic	106	89	-17	-16.04%	0	2	2	7	3	4
51-4033	Grinding, Lapping, Polishing, and Buffing Machine Tool Setters, Operators, and Tenders, Metal and Plastic	839	725	-114	-13.59%	0	35	35	7	3	4
51-4034	Lathe and Turning Machine Tool Setters, Operators, and Tenders, Metal and Plastic	184	156	-28	-15.22%	0	4	4	7	3	4
51-4035	Milling and Planing Machine Setters, Operators, and Tenders, Metal and Plastic	240	208	-32	-13.33%	0	4	4	7	3	4
51-4041	Machinists	2,736	3,174	438	16.01%	44	79	123	7	3	3

2014-2024 Arkansas Statewide Occupational Projections											
Standard Occupational Classification		Employment		Growth		Annual Openings			Education/Training Codes		
Code	Title	2014 Estimated	2024 Projected	Net	Percent	Growth	Replacement	Total	Education	Work Experience	Job Training
51-4051	Metal-Refining Furnace Operators and Tenders	264	311	47	17.80%	5	8	13	7	3	4
51-4052	Pourers and Casters, Metal	87	89	2	2.30%	0	3	3	7	3	4
51-4062	Patternmakers, Metal and Plastic	49	40	-9	-18.37%	0	1	1	7	3	4
51-4071	Foundry Mold and Coremakers	90	83	-7	-7.78%	0	1	1	7	3	4
51-4072	Molding, Coremaking, and Casting Machine Setters, Operators, and Tenders, Metal and Plastic	1,192	1,031	-161	-13.51%	0	18	18	7	3	4
51-4081	Multiple Machine Tool Setters, Operators, and Tenders, Metal and Plastic	1,410	1,433	23	1.63%	2	24	26	7	3	4
51-4111	Tool and Die Makers	641	608	-33	-5.15%	0	3	3	7	3	3
51-4121	Welders, Cutters, Solderers, and Brazers	4,538	4,850	312	6.88%	31	130	161	7	3	4
51-4122	Welding, Soldering, and Brazing Machine Setters, Operators, and Tenders	1,507	1,464	-43	-2.85%	0	43	43	7	3	4
51-4191	Heat Treating Equipment Setters, Operators, and Tenders, Metal and Plastic	314	270	-44	-14.01%	0	6	6	7	3	4
51-4192	Layout Workers, Metal and Plastic	35	32	-3	-8.57%	0	1	1	7	3	4
51-4193	Plating and Coating Machine Setters, Operators, and Tenders, Metal and Plastic	458	409	-49	-10.70%	0	11	11	7	3	4
51-4194	Tool Grinders, Filers, and Sharpeners	162	154	-8	-4.94%	0	4	4	7	3	4
51-4199	Metal Workers and Plastic Workers, All Other	65	51	-14	-21.54%	0	1	1	7	3	4
51-5100	Printing Workers	1,935	1,927	-8	-0.41%	3	29	32			
51-5111	Prepress Technicians and Workers	316	281	-35	-11.08%	0	5	5	5	3	6
51-5112	Printing Press Operators	1,330	1,356	26	1.95%	3	20	23	7	3	4
51-5113	Print Binding and Finishing Workers	289	290	1	0.35%	0	4	4	7	3	5
51-6000	Textile, Apparel, and Furnishings Workers	5,903	5,770	-133	-2.25%	13	95	108			
51-6011	Laundry and Dry-Cleaning Workers	1,809	1,916	107	5.91%	11	26	37	8	3	5
51-6021	Pressers, Textile, Garment, and Related Materials	579	563	-16	-2.76%	0	14	14	8	3	5
51-6031	Sewing Machine Operators	1,148	1,074	-74	-6.45%	0	7	7	8	3	5
51-6041	Shoe and Leather Workers and Repairers	63	54	-9	-14.29%	0	1	1	7	3	4

2014-2024 Arkansas Statewide Occupational Projections											
Standard Occupational Classification		Employment		Growth		Annual Openings			Education/Training Codes		
Code	Title	2014 Estimated	2024 Projected	Net	Percent	Growth	Replacement	Total	Education	Work Experience	Job Training
51-6042	Shoe Machine Operators and Tenders	455	356	-99	-21.76%	0	5	5	7	3	5
51-6052	Tailors, Dressmakers, and Custom Sewers	368	371	3	0.82%	0	12	12	8	3	4
51-6062	Textile Cutting Machine Setters, Operators, and Tenders	119	104	-15	-12.61%	0	2	2	7	3	4
51-6063	Textile Knitting and Weaving Machine Setters, Operators, and Tenders	126	125	-1	-0.79%	0	2	2	7	3	5
51-6091	Extruding and Forming Machine Setters, Operators, and Tenders, Synthetic and Glass Fibers	241	256	15	6.22%	2	2	4	7	3	4
51-6093	Upholsterers	840	796	-44	-5.24%	0	22	22	7	3	4
51-6099	Textile, Apparel, and Furnishings Workers, All Other	61	62	1	1.64%	0	1	1	7	3	5
51-7000	Woodworkers	3,852	3,806	-46	-1.19%	5	71	76			
51-7011	Cabinetmakers and Bench Carpenters	1,168	1,116	-52	-4.45%	0	10	10	7	3	4
51-7021	Furniture Finishers	200	175	-25	-12.50%	0	4	4	7	3	5
51-7041	Sawing Machine Setters, Operators, and Tenders, Wood	1,242	1,282	40	3.22%	4	35	39	7	3	5
51-7042	Woodworking Machine Setters, Operators, and Tenders, Except Sawing	1,029	1,014	-15	-1.46%	0	18	18	7	3	5
51-8000	Plant and System Operators	3,408	3,566	158	4.64%	26	104	130			
51-8012	Power Distributors and Dispatchers	174	178	4	2.30%	0	6	6	7	3	3
51-8013	Power Plant Operators	397	408	11	2.77%	1	14	15	7	3	3
51-8021	Stationary Engineers and Boiler Operators	358	361	3	0.84%	0	10	10	7	3	3
51-8031	Water and Wastewater Treatment Plant and System Operators	1,528	1,755	227	14.86%	23	39	62	7	3	3
51-8091	Chemical Plant and System Operators	298	285	-13	-4.36%	0	11	11	7	3	3
51-8092	Gas Plant Operators	148	119	-29	-19.59%	0	6	6	7	3	3
51-8093	Petroleum Pump System Operators, Refinery Operators, and Gaugers	329	272	-57	-17.33%	0	12	12	7	3	3
51-9000	Other Production Occupations	37,279	38,666	1,387	3.72%	148	1,000	1,148			
51-9011	Chemical Equipment Operators and Tenders	960	938	-22	-2.29%	0	30	30	7	3	4
51-9012	Separating, Filtering, Clarifying, Precipitating, and Still Machine Setters, Operators, and Tenders	553	591	38	6.87%	4	17	21	7	3	4

2014-2024 Arkansas Statewide Occupational Projections											
Standard Occupational Classification		Employment		Growth		Annual Openings			Education/Training Codes		
Code	Title	2014 Estimated	2024 Projected	Net	Percent	Growth	Replacement	Total	Education	Work Experience	Job Training
51-9021	Crushing, Grinding, and Polishing Machine Setters, Operators, and Tenders	469	458	-11	-2.35%	0	10	10	7	3	4
51-9022	Grinding and Polishing Workers, Hand	93	89	-4	-4.30%	0	2	2	8	3	4
51-9023	Mixing and Blending Machine Setters, Operators, and Tenders	1,597	1,669	72	4.51%	7	35	42	7	3	4
51-9032	Cutting and Slicing Machine Setters, Operators, and Tenders	1,668	1,783	115	6.89%	12	33	45	7	3	5
51-9041	Extruding, Forming, Pressing, and Compacting Machine Setters, Operators, and Tenders	903	884	-19	-2.10%	0	32	32	7	3	4
51-9051	Furnace, Kiln, Oven, Drier, and Kettle Operators and Tenders	441	454	13	2.95%	1	12	13	7	3	4
51-9061	Inspectors, Testers, Sorters, Samplers, and Weighers	5,962	6,268	306	5.13%	31	150	181	7	3	4
51-9071	Jewelers and Precious Stone and Metal Workers	216	218	2	0.93%	0	3	3	7	3	3
51-9081	Dental Laboratory Technicians	392	460	68	17.35%	7	9	16	7	3	4
51-9082	Medical Appliance Technicians	118	139	21	17.80%	2	3	5	7	3	3
51-9083	Ophthalmic Laboratory Technicians	427	485	58	13.58%	6	10	16	7	3	4
51-9111	Packaging and Filling Machine Operators and Tenders	4,354	4,589	235	5.40%	24	155	179	7	3	4
51-9121	Coating, Painting, and Spraying Machine Setters, Operators, and Tenders	1,235	1,303	68	5.51%	7	23	30	7	3	4
51-9122	Painters, Transportation Equipment	835	933	98	11.74%	10	16	26	7	3	4
51-9151	Photographic Process Workers and Processing Machine Operators	83	64	-19	-22.89%	0	2	2	7	3	5
51-9191	Adhesive Bonding Machine Operators and Tenders	445	451	6	1.35%	1	12	13	7	3	4
51-9192	Cleaning, Washing, and Metal Pickling Equipment Operators and Tenders	378	406	28	7.41%	3	10	13	8	3	4
51-9193	Cooling and Freezing Equipment Operators and Tenders	540	557	17	3.15%	2	11	13	7	3	4
51-9195	Molders, Shapers, and Casters, Except Metal and Plastic	261	265	4	1.53%	0	9	9	7	3	3
51-9196	Paper Goods Machine Setters, Operators, and Tenders	1,842	1,824	-18	-0.98%	0	26	26	7	3	4
51-9198	Helpers--Production Workers	9,028	9,026	-2	-0.02%	0	295	295	8	3	5
51-9199	Production Workers, All Other	3,872	4,161	289	7.46%	29	79	108	7	3	4

2014-2024 Arkansas Statewide Occupational Projections											
Standard Occupational Classification		Employment		Growth		Annual Openings			Education/Training Codes		
Code	Title	2014 Estimated	2024 Projected	Net	Percent	Growth	Replacement	Total	Education	Work Experience	Job Training
53-0000	TRANSPORTATION AND MATERIAL MOVING OCCUPATIONS	108,365	117,952	9,587	8.85%	962	2,533	3,495			

53-1000	Supervisors of Transportation and Material Moving Workers	3,664	3,946	282	7.70%	28	118	146			
53-1031	First-Line Supervisors of Transportation and Material-Moving Machine and Vehicle Operators	2,221	2,418	197	8.87%	20	71	91	7	2	6
53-2011	Airline Pilots, Copilots, and Flight Engineers	106	112	6	5.66%	1	3	4	3	2	4
53-2012	Commercial Pilots	516	569	53	10.27%	5	13	18	7	3	4
53-2021	Air Traffic Controllers	119	124	5	4.20%	0	4	4	4	3	3
53-3000	Motor Vehicle Operators	52,507	57,713	5,206	9.91%	521	879	1,400			
53-3011	Ambulance Drivers and Attendants, Except Emergency Medical Technicians	87	109	22	25.29%	2	2	4	7	3	4
53-3021	Bus Drivers, Transit and Intercity	338	360	22	6.51%	2	4	6	7	3	4
53-3022	Bus Drivers, School or Special Client	5,022	5,203	181	3.60%	18	66	84	7	3	5
53-3031	Driver/Sales Workers	2,568	2,765	197	7.67%	20	44	64	7	3	5
53-3032	Heavy and Tractor-Trailer Truck Drivers	36,494	40,384	3,890	10.66%	389	621	1,010	5	3	5
53-3033	Light Truck or Delivery Services Drivers	5,904	6,378	474	8.03%	47	100	147	7	3	5
53-3041	Taxi Drivers and Chauffeurs	1,903	2,307	404	21.23%	40	36	76	8	3	5
53-3099	Motor Vehicle Operators, All Other	191	207	16	8.38%	2	6	8	8	3	5
53-6000	Other Transportation Workers	1,845	2,051	206	11.17%	21	76	97			
53-6021	Parking Lot Attendants	184	200	16	8.70%	2	10	12	8	3	5
53-6031	Automotive and Watercraft Service Attendants	1,091	1,222	131	12.01%	13	43	56	8	3	5
53-6041	Traffic Technicians	27	31	4	14.81%	0	1	1	7	3	4
53-6061	Transportation Attendants, Except Flight Attendants	81	87	6	7.41%	1	2	3	7	3	5
53-6099	Transportation Workers, All Other	231	274	43	18.61%	4	12	16	7	3	5
53-7000	Material Moving Workers	47,299	51,023	3,724	7.87%	372	1,356	1,728			
53-7011	Conveyor Operators and Tenders	629	653	24	3.82%	2	18	20	8	3	5
53-7021	Crane and Tower Operators	971	1,122	151	15.55%	15	34	49	7	2	4

2014-2024 Arkansas Statewide Occupational Projections											
Standard Occupational Classification		Employment		Growth		Annual Openings			Education/Training Codes		
Code	Title	2014 Estimated	2024 Projected	Net	Percent	Growth	Replacement	Total	Education	Work Experience	Job Training
53-7032	Excavating and Loading Machine and Dragline Operators	544	591	47	8.64%	5	6	11	7	2	4
53-7041	Hoist and Winch Operators	52	62	10	19.23%	1	2	3	8	3	5
53-7051	Industrial Truck and Tractor Operators	6,721	7,112	391	5.82%	39	167	206	8	3	5
53-7061	Cleaners of Vehicles and Equipment	3,951	4,243	292	7.39%	29	138	167	8	3	5
53-7062	Laborers and Freight, Stock, and Material Movers, Hand	24,806	27,019	2,213	8.92%	221	738	959	8	3	5
53-7063	Machine Feeders and Offbearers	2,068	2,164	96	4.64%	10	45	55	8	3	5
53-7064	Packers and Packagers, Hand	5,330	5,543	213	4.00%	21	142	163	8	3	5
53-7072	Pump Operators, Except Wellhead Pumpers	55	63	8	14.55%	1	3	4	7	3	4
53-7073	Wellhead Pumpers	306	318	12	3.92%	1	16	17	7	2	4
53-7081	Refuse and Recyclable Material Collectors	1,744	2,010	266	15.25%	27	44	71	8	3	5
53-7199	Material Moving Workers, All Other	44	45	1	2.27%	0	1	1	8	3	5

Introduction to New Education/Work Experience/Training Classification

The Bureau of Labor Statistics publishes information on occupational employment projections and related career information. This includes the education and training needs for each occupation. Under the old system, 11 categories were assigned ranging from Professional Degree to Short-Term On-the-Job Training. Each occupation was assigned a training that best matched the “most significant source” of education or training. In other words, the education or training assigned to the occupation is what most people used for entry into the occupation. However, what has been discovered over the last few years is that many occupations require more than just postsecondary education. Many require work experience and some require On-the-Job training in addition to formal training.

This is why the Bureau of Labor Statistics introduced a new education and training classification. The new system now has three education/training classifications. The Education Category is the education that is typically needed to enter the occupation. Professional Degree and Doctoral Degree have merged, while most of the standard degrees have been retained. Three new categories have been added (Some College, No Degree; High School Diploma or Equivalent; and No Formal Education Required). Work Experience and On-the-Job Training have been broken out into two separate categories. Work Experience ranges from None to More than 5 Years. Along with the three standard On-the-Job Training categories from the Old System (Long-Term, Moderate-Term, Short-Term), Internship/Residency and Apprenticeship have been added along with None. The following pages will provide the outlook for each of the three training classification categories. Refer to Page 83 for definitions of the Education/Training Classifications.

Education Outlook

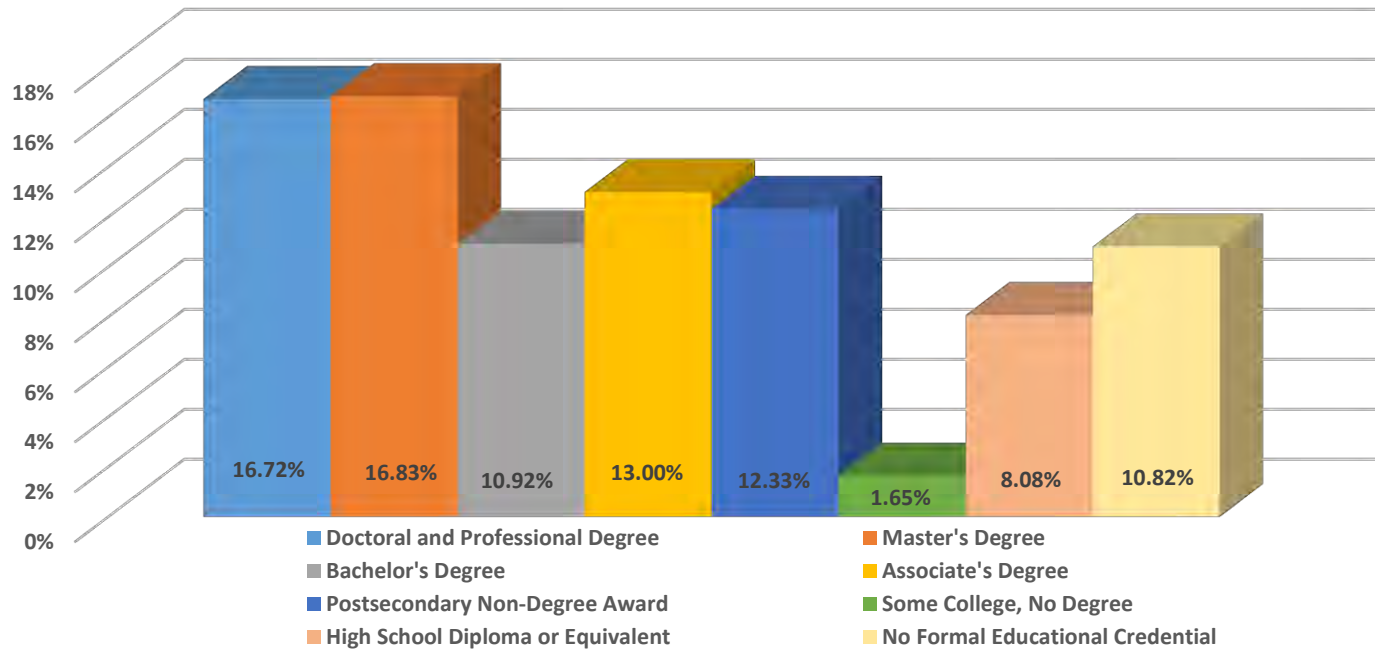
Occupations requiring a Bachelor's Degree are likely to add 24,618 jobs during the projection period, but occupations that require a High School Diploma or Equivalent will have more annual job openings than any other education level, with 15,899 jobs expected each year. Jobs requiring Postsecondary Non-Degree Awards are estimated to add 12,461 jobs into the workforce. Job seekers with at least an Associate's Degree could see 10,046 annual job openings when they are ready to enter the workforce.

Jobs requiring a Master's Degree could see the largest percent growth, with 16.83 percent growth over the 10-year period, with occupations requiring a Doctoral or Professional Degree following close behind with a 16.72 percent growth expected.

Occupational Projections by Education/Training Level

Education Level	2014 Estimated Employment	2024 Projected Employment	Net Growth	Percent Growth	Annual Openings- Growth	Annual Openings- Replacement	Annual Openings- Total
Doctoral or Professional Degree	29,481	34,411	4,930	16.72%	494	607	1,101
Master's Degree	18,478	21,587	3,109	16.83%	309	400	709
Bachelor's Degree	225,352	249,970	24,618	10.92%	2,500	4,923	7,423
Associate's Degree	23,064	26,062	2,998	13.00%	306	507	813
Postsecondary Non-Degree Award	101,058	113,519	12,461	12.33%	1,269	2128	3,397
Some College, No Degree	26,128	26,559	431	1.65%	117	401	518
High School Diploma or Equivalent	533,978	577,131	43,153	8.08%	4,658	11,241	15,899
No Formal Educational Credential	354,906	393,291	38,385	10.82%	3,891	10,475	14,366

Percent Growth by Educational Level



Top 10 Occupations/High School Diploma or Less

SOC Code	SOC Title	2014 Estimated Employment	2024 Projected Employment	Net Growth	Percent Growth	Annual Openings due to Growth	Annual Openings due to Replacement	Total Annual Openings
41-2031	Retail Salespersons	39,941	45,120	5,179	12.97%	518	1,384	1,902
41-2011	Cashiers	31,814	33,582	1,768	5.56%	177	1,354	1,531
35-3021	Combined Food Preparation and Serving Workers, Including Fast Food	24,044	30,181	6,137	25.52%	614	777	1,391
11-9013	Farmers, Ranchers, and Other Agricultural Managers	53,667	57,992	4,325	8.06%	432	914	1,346
35-3031	Waiters and Waitresses	19,542	22,841	3,299	16.88%	330	940	1,270
53-7062	Laborers and Freight, Stock, and Material Movers, Hand	24,806	27,019	2,213	8.92%	221	738	959
43-9061	Office Clerks, General	32,357	34,753	2,396	7.40%	240	698	938
43-4051	Customer Service Representatives	18,683	21,151	2,468	13.21%	247	460	707
43-5081	Stock Clerks and Order Fillers	16,542	17,938	1,396	8.44%	140	525	665
41-1011	First-Line Supervisors of Retail Sales Workers	17,824	19,280	1,456	8.17%	146	398	544

Top 10 Occupations/Associate's Degree/Postsecondary Training

SOC Code	SOC Title	2014 Estimated Employment	2024 Projected Employment	Net Growth	Percent Growth	Annual Openings due to Growth	Annual Openings due to Replacement	Total Annual Openings
53-3032	Heavy and Tractor-Trailer Truck Drivers	36,494	40,384	3,890	10.66%	389	621	1,010
31-1014	Nursing Assistants	18,275	21,079	2,804	15.34%	280	413	693
29-2061	Licensed Practical and Licensed Vocational Nurses	11,570	12,928	1,358	11.74%	136	329	465
25-9041	Teacher Assistants	8,505	9,133	628	7.38%	63	204	267
49-3023	Automotive Service Technicians and Mechanics	5,441	5,728	287	5.27%	29	146	175
31-9092	Medical Assistants	2,704	3,424	720	26.63%	72	56	128
43-3031	Bookkeeping, Accounting, and Auditing Clerks	12,938	12,199	-739	-5.71%	0	127	127
33-2011	Firefighters	2,806	3,165	359	12.79%	36	81	117
31-9091	Dental Assistants	2,461	2,962	501	20.36%	50	61	111
25-2011	Preschool Teachers, Except Special Education	2,287	2,544	257	11.24%	26	67	93

Top 10 Occupations/Bachelor's Degree or Higher

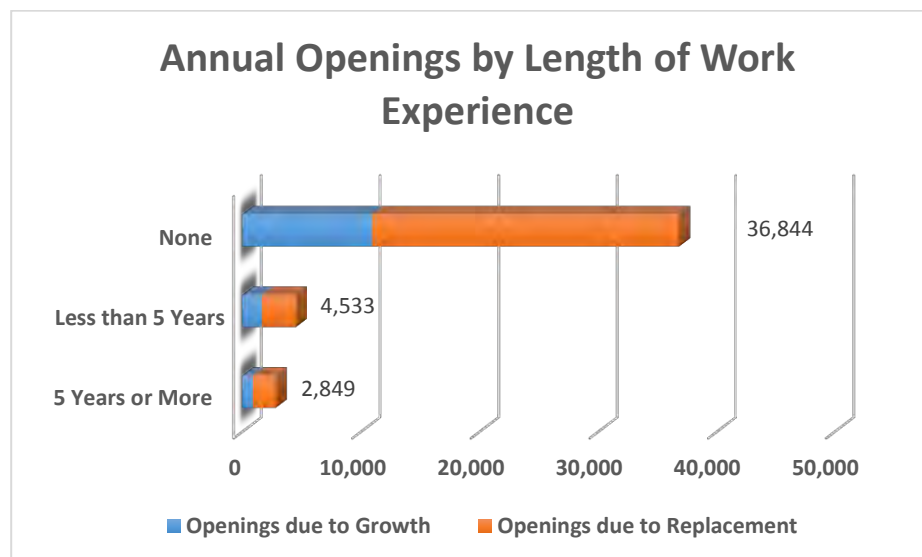
SOC Code	SOC Title	2014 Estimated Employment	2024 Projected Employment	Net Growth	Percent Growth	Annual Openings due to Growth	Annual Openings due to Replacement	Total Annual Openings
29-1141	Registered Nurses	22,203	25,618	3,415	15.38%	342	524	866
11-1021	General and Operations Managers	17,921	19,837	1,916	10.69%	192	454	646
21-2011	Clergy	8,675	10,052	1,377	15.87%	138	186	324
25-2021	Elementary School Teachers, Except Special Education	10,822	11,390	568	5.25%	57	239	296
13-2011	Accountants and Auditors	6,806	7,722	916	13.46%	92	182	274
25-2031	Secondary School Teachers, Except Special and Career/Technical Education	8,894	9,346	452	5.08%	45	211	256
11-9199	Managers, All Other	6,959	7,637	678	9.74%	68	154	222
13-1199	Business Operations Specialists, All Other	8,650	9,626	976	11.28%	98	103	201
25-2022	Middle School Teachers, Except Special and Career/Technical Education	6,025	6,343	318	5.28%	32	133	165
13-1022	Wholesale and Retail Buyers, Except Farm Products	3,204	3,543	339	10.58%	34	102	136
23-1011	Lawyers	4,718	5,360	642	13.61%	64	69	133

Work Experience Outlook

Work Experience Level	2014 Estimated Employment	2024 Projected Employment	Net Growth	Percent Growth	Annual Openings-Growth	Annual Openings-Replacement	Annual Openings-Total
5 years or more	101,814	110,937	9,123	8.96%	911	1,938	2,849
Less than 5 years	134,469	150,957	16,488	12.26%	1,671	2,862	4,533
None	1,076,162	1,180,636	104,474	9.71%	10,962	25,882	36,844

2014-2024 Occupational Projections by Work Experience

Many occupations require experience beyond formal educational training, but most do not. Occupations requiring no experience beyond formal education are projected to add the most jobs, with an expected 104,474 jobs added over the 10-year period. These occupations are also expected to see 36,844 total annual job openings over the projection period. For occupations requiring less than 5 years of experience, 16,488 new jobs are expected over the projections period, with 4,533 total annual openings expected. Occupations with 5 years or more experience needed should see a net growth of 9,123 openings over the projection period, with 2,849 annual openings over the 10-year period.

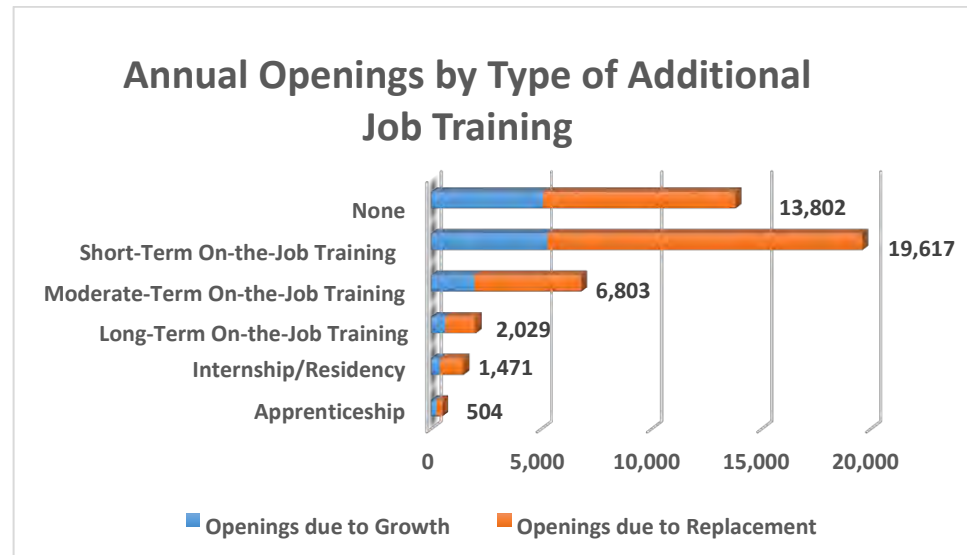


On-the-Job Training Outlook

2014-2024 Occupational Projections by On-the-Job Training

Job Training Level	2014 Estimated Employment	2024 Projected Employment	Net Growth	Percent Growth	Annual Openings-Growth	Annual Openings-Replacement	Annual Openings-Total
Apprenticeship	18,838	21,195	2,357	12.51%	236	268	504
Internship/residency	48,939	52,777	3,838	7.84%	383	1,088	1,471
Long-term on-the-job training	55,474	61,681	6,207	11.19%	637	1,392	2,029
Moderate-term on-the-job training	225,303	242,310	17,007	7.55%	1,958	4,845	6,803
Short-term on-the-job training	545,655	596,177	50,522	9.26%	5,259	14,358	19,617
None	418,236	468,390	50,154	11.99%	5,071	8,731	13,802

Even with a formal education, many occupations require specialized on-the-job training before a person is fully viable in an occupation. All of the on-the-job training categories should see positive growth. Apprenticeship will see the largest percent growth of 12.51 percent, and should have 504 total annual openings. Occupations requiring short-term on-the-job training will see the largest net growth with 50,522 expected jobs over the projection period and should see the largest number of Total Annual Openings with 19,617 jobs expected.



Top 15 Content Skills		
Skill	Total Annual Openings	Definition
Speaking	100,961	Talking to others to convey information effectively.
Active Listening	89,311	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	48,330	Understanding written sentences and paragraphs in work related documents.
Social Perceptiveness	34,895	Being aware of others' reactions and understanding why they react as they do.
Critical Thinking	29,170	Using logic and reasoning to identify the strengths and weaknesses of alternative solutions, conclusions or approaches to problems.
Service Orientation	28,142	Actively looking for ways to help people.
Management of Personnel Resources	19,903	Motivating, developing, and directing people as they work, identifying the best people for the job
Writing	18,707	Communicating effectively in writing as appropriate for the needs of the audience.
Instructing	18,209	Teaching others how to do something.
Monitoring	15,081	Monitoring/Assessing performance of yourself, other individuals, or organizations to make improvements or take corrective action.
Judgment and Decision Making	14,425	Considering the relative costs and benefits of potential actions to choose the most appropriate one.
Coordination	13,402	Adjusting actions in relation to others' actions.
Operation and Control	12,804	Controlling operations of equipment or systems.
Learning Strategies	12,574	Selecting and using training/instructional methods and procedures appropriate for the situation when learning or teaching new things.
Time Management	8,307	Managing one's own time and the time of others.

Top 15 Knowledge Domains

Skill	Total Annual Openings	Definition
Customer and Personal Service	173,456	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	74,074	Knowledge of the structure and content of the English language including the meaning and spelling of words, rules of composition, and grammar.
Administration and Management	35,510	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.
Psychology	27,003	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	26,080	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.
Clerical	23,373	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.
Personnel and Human Resources	22,801	Knowledge of principles and procedures for personnel recruitment, selection, training, compensation and benefits, labor relations and negotiation, and personnel information systems.
Production and Processing	20,328	Knowledge of raw materials, production processes, quality control, costs, and other techniques for maximizing the effective manufacture and distribution of goods.
Education and Training	20,189	Knowledge of principles and methods for curriculum and training design, teaching and instruction for individuals and groups, and the measurement of training effects.
Sales and Marketing	17,209	Knowledge of principles and methods for showing, promoting, and selling products or services. This includes marketing strategy and tactics, product demonstration, sales techniques, and sales control systems.
Mechanical	15,835	Knowledge of machines and tools, including their designs, uses, repair, and maintenance.
Public Safety and Security	10,891	Knowledge of relevant equipment, policies, procedures, and strategies to promote effective local, state, or national security operations for the protection of people, data, property, and institutions.
Building and Construction	10,741	Knowledge of materials, methods, and the tools involved in the construction or repair of houses, buildings, or other structures such as highways and roads.
Mathematics	9,945	Knowledge of arithmetic, algebra, geometry, calculus, statistics, and their applications.
Computers and Electronics	9,593	Knowledge of circuit boards, processors, chips, electronic equipment, and computer hardware and software, including applications and programming.

Top 15 Work Activities		
Skill	Total Annual Openings	Definition
Getting Information	252,837	Observing, receiving, and otherwise obtaining information from all relevant sources.
Communicating with Supervisors, Peers, or Subordinates	206,752	Providing information to supervisors, co-workers, and subordinates by telephone, in written form, e-mail, or in person.
Making Decisions and Solving Problems	149,178	Analyzing information and evaluating results to choose the best solution and solve problems
Performing for or Working Directly with the Public	121,115	Performing for people or dealing directly with the public. This includes serving customers in restaurants and stores, and receiving clients or guests.
Identifying Objects, Actions, and Events	111,111	Identifying information by categorizing, estimating, recognizing differences or similarities, and detecting Growth in circumstances or events.
Interacting With Computers	105,548	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	100,258	Developing constructive and cooperative working relationships with others, and maintaining them over time.
Organizing, Planning, and Prioritizing Work	94,769	Developing specific goals and plans to prioritize, organize, and accomplish your work.
Documenting/Recording Information	87,455	Entering, transcribing, recording, storing, or maintaining information in written or electronic/magnetic form.
Updating and Using Relevant Knowledge	74,082	Keeping up-to-date technically and applying new knowledge to your job.
Assisting and Caring for Others	66,688	Providing personal assistance, medical attention, emotional support, or other personal care to others such as coworkers, customers, or patients.
Monitor Processes, Materials, or Surroundings	62,997	Monitoring and reviewing information from materials, events, or the environment, to detect or assess problems.
Evaluating Information to Determine Compliance with Standards	60,408	Using relevant information and individual judgment to determine whether events or processes comply with laws, regulations, or standards.
Performing General Physical Activities	52,825	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	52,148	Communicating with people outside the organization, representing the organization to customers, the public, government, and other external sources. This information can be exchanged in person, in writing, or by telephone or e-mail.

Appendix: Definition of Education/Training Codes

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

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

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

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