



ARKANSAS - STATEWIDE

2020 TO 2030

LONG-TERM INDUSTRY AND OCCUPATIONAL PROJECTIONS

STATE OF ARKANSAS LONG-TERM INDUSTRY AND OCCUPATIONAL PROJECTIONS 2020-2030



Arkansas Division of
Workforce Services

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

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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.

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

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

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

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

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

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 will highlight projections at the division level as well as key industries within that division.

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

Information about annual job openings is included in this publication. Openings are created due to a variety of factors, including employees leaving the workforce for a period of time, employees changing jobs, and expansion and growth in an occupation. It is important to look at all these factors when determining whether a particular occupation is right for you.

For each occupation, an education/training level will be provided. Educational requirements are determined by the Bureau of Labor Statistics and recognize the educational attainment of most people in a particular occupation. Each occupation will have three categories of training: Education, Work Experience, and Job Training. Some businesses, however, may require a higher level of training. Some occupations may also have different grades or levels that require various 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.

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

Methodology

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

Data Development

Data development is accomplished by using the following sources:

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

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

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

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

Industry Projections

The industry projections in this publication were produced using the *Projection Suite* software, authorized by the U.S. Department of Labor, and developed by the Utah Department of Workforce Services. The program allows the analyst to choose from a variety of predefined, generally accepted projection models including linear and multiple regression models and shift-share models. Independent variables that may be used in the regression models are time, national employment, 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 2030. While every attempt is made to incorporate current and future events, such as business closings, corporate layoffs, openings, and expansions, it is not possible to know everything that might happen. Events that would take place after the projection period or announcements concerning closings, layoffs, openings, and expansions known after projections were completed are not reflected in the forecasts. Also, legislative policy could cause employment to change. Events such as these will likely cause the actual employment numbers to vary significantly from these projections.

It is important to look at both numeric change and percent change when looking at projections. Industries or occupations with small employment will have higher growth rates than those with larger employment, but these industries may only add a few employees over the projection period. Concerning occupational projections, it is important to look at openings associated with all three factors: Occupational Exits, Occupational Transfers, and Occupational Change.

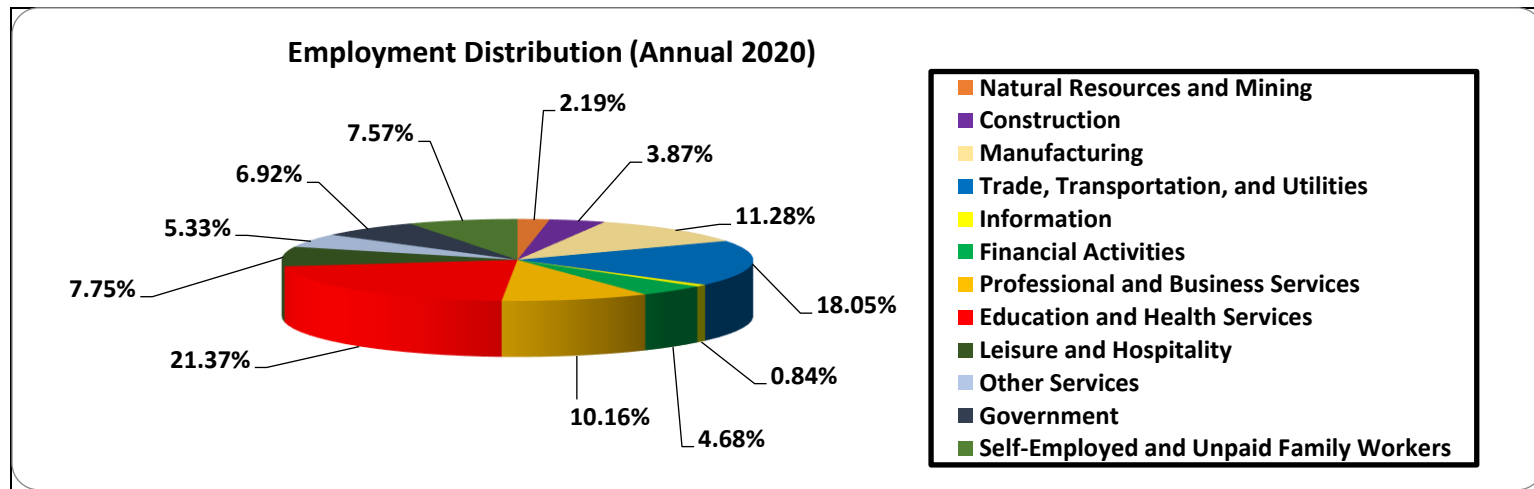
State of Arkansas

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

Arkansas is rich in natural resources. 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 3,012,232 as of July 1, 2020, which is an increase of 7,088 residents from the official estimates of the 2020 Census, and 96,314 more residents than the 2010 Census estimate. The unemployment rate for annual 2020 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

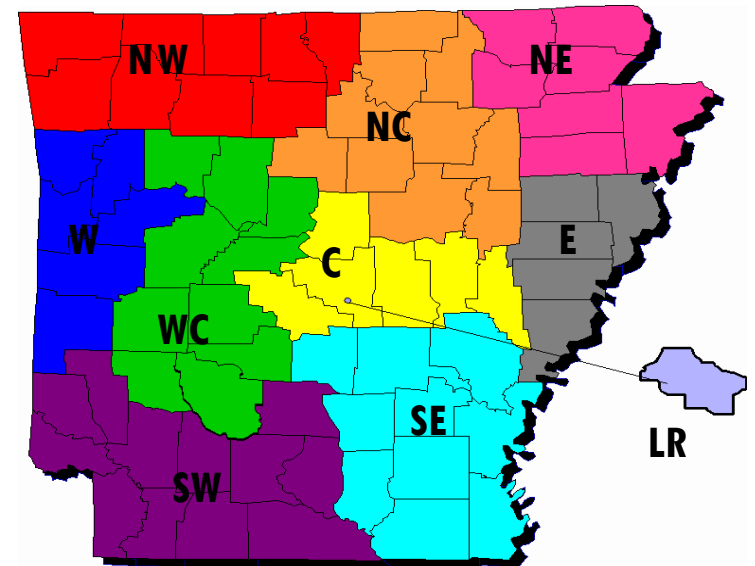
Crittenden, Cross, Lee, Phillips, and St. Francis Counties

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 2020-2030

NAICS Code	NAICS Title	2020 Estimated Employment	2030 Projected Employment	Numeric Change	Percent Change
Industry code according to the North American Industry Classification System (NAICS) Title and Coding Structure	Industry title according to the North American Industry Classification System (NAICS) Title and Coding Structure	An estimate of the number of jobs in an industry in 2020	The projected number of jobs expected to be in an industry in 2030	Total number of jobs an industry is expected to gain or lose over the 2020 to 2030 period	Percent Change in the number of jobs in an industry over the 2020 to 2030 period

2020-2030 Industry Projections by Major Division

NAICS Code	NAICS Title	2020 Estimated Employment	2030 Projected Employment	Numeric Change	Percent Change
000000	TOTAL ALL INDUSTRIES	1,374,448	1,498,835	124,387	9.05%
000067	Total Self Employed and Unpaid Family Workers, All Jobs	104,002	99,704	-4,298	-4.13%
101000	Goods Producing	238,322	252,662	14,340	6.02%
101100	NATURAL RESOURCES AND MINING	30,108	35,673	5,565	18.48%
110000	Agriculture, Forestry, Fishing and Hunting	26,773	32,304	5,531	20.66%
210000	Mining	3,335	3,369	34	1.02%
101200	CONSTRUCTION	53,190	55,753	2,563	4.82%
101300	MANUFACTURING	155,024	161,236	6,212	4.01%
	Non-Durable Goods Manufacturing	82,396	84,759	2,363	2.87%
	Durable Goods Manufacturing	72,628	76,477	3,849	5.30%
102000	Services Providing	1,032,124	1,146,469	114,345	11.08%
102100	TRADE, TRANSPORTATION, AND UTILITIES	248,078	262,472	14,394	5.80%
420000	Wholesale Trade	46,242	47,953	1,711	3.70%
440000	Retail Trade	135,410	141,002	5,592	4.13%
480000	Transportation and Warehousing	58,592	65,394	6,802	11.61%
220000	Utilities	7,834	8,123	289	3.69%
102200	INFORMATION	11,564	11,398	-166	-1.44%
102300	FINANCIAL ACTIVITIES	64,327	71,528	7,201	11.19%
520000	Finance and Insurance	50,710	57,006	6,296	12.42%
530000	Real Estate and Rental and Leasing	13,617	14,522	905	6.65%
102400	PROFESSIONAL AND BUSINESS SERVICES	139,642	154,364	14,722	10.54%
540000	Professional, Scientific, and Technical Services	42,881	49,430	6,549	15.27%
550000	Management of Companies and Enterprises	33,776	34,723	947	2.80%
560000	Administrative and Support and Waste Management and Remediation Services	62,985	70,211	7,226	11.47%
102500	EDUCATION AND HEALTH SERVICES	293,738	333,500	39,762	13.54%
610000	Educational Services	105,220	112,999	7,779	7.39%
620000	Health Care and Social Assistance	188,518	220,501	31,983	16.97%
102600	LEISURE AND HOSPITALITY	106,461	132,241	25,780	24.22%
710000	Arts, Entertainment, and Recreation	10,203	13,972	3,769	36.94%
720000	Accommodation and Food Services	96,258	118,269	22,011	22.87%
102700	OTHER SERVICES (EXCEPT GOVERNMENT)	73,260	81,992	8,732	11.92%
102800	GOVERNMENT	95,054	98,974	3,920	4.12%

Industry Outlook

Arkansas employment saw a loss of 42,570 covered employment jobs between 2019 and 2020, or 3.49 percent of total employment. The job market in Arkansas is projected to recover by 2030, adding 124,387 new jobs during the 2020-2030 projection period, a 9.05 percent increase.

Goods-Producing industries are expected to add 14,340 new jobs, while the **Services-Providing** industries should see most of the growth, with 114,345 new jobs being added. However, Self-Employed workers could see a loss of 4,298 jobs during this time, reflecting a declining trend nationally.

The **Natural Resources and Mining** supersector lost just 421 jobs between 2019 and 2020, a 2.59 percent drop. Between 2020 and 2030, the industry supersector is slated to add 5,565 jobs, an increase of 18.48 percent. Driving the growth is the **Agriculture, Forestry, Fishing, and Hunting** sector, which could see a gain of 5,531, a 20.66 percent rise in jobs. Animal Production is forecast to be among the ten highest growing occupations, rising by 2,929 jobs during the projection period. However, Logging could see a loss of 183 jobs, a loss of 9.10 percent. The **Mining** sector is slated to experience a net gain of 34 jobs. While *Mining (except Oil and Gas)* could see a gain of 42 jobs, *Oil and Gas Extraction* is predicted to lose 38.

Construction gained 697 jobs between 2019 and 2020, a 1.33 percent increase, weathering the pandemic storm of second quarter 2020. It is estimated to grow by 2,563 jobs, an increase of 4.82 percent. More than two-thirds of the growth could come in the *Specialty Trade Contractors* subsector, with a growth of 1,713 new jobs over the 10-year period. Driving this growth is Building Equipment Contractors, which is forecast to add 945 new jobs, an increase of 4.99 percent. On the negative side of the economy, Land Subdivision could see a loss of 12.75 percent, making the Top 20 Fastest Declining Occupations list,

The **Manufacturing** supersector lost 7,447 jobs, or 4.58 percent of its workforce between 2019 and 2020. The supersector is expected to increase by 6,212 jobs, a 4.01 percent rise in jobs, but is not predicted to be at pre-pandemic levels. **Non-Durable Goods Manufacturing** lost 2,263 jobs between 2019 and 2020, a 2.67 percent. The industry group is

estimated to increase employment by 2,363 jobs, a 2.87 percent increase, exceeding pre-pandemic levels. The *Food Manufacturing* subsector is the driving force behind the growth, with a projected gain of 2,417.

Animal Slaughtering and Processing is the top growing industry in **Manufacturing** with a growth of 1,296 jobs. Animal Food Manufacturing is slated to be the fastest growing industry among Non-Durable Goods Manufacturing, increasing its workforce by 20.58 percent. However, on the negative side of the job market, several **Non-Durable Goods Manufacturing** industries, five in all, made the Top 20 Declining Industries list. Leading the pack is Converted Paper Product Manufacturing, with a loss of 459, placing third in the state in numeric decline. Apparel Knitting Mills is slated to be the fastest declining industry in the state with a potential loss of 44.57 percent of its workforce. In all, five **Non-Durable Goods Manufacturing** industries made the Top 20 Fastest Declining Industries list

Durable Goods Manufacturing lost 3,518 jobs between 2019 and 2020, a 4.62 percent loss. The industry group is forecast to increase employment by 3,849 jobs, but only to 98.28 percent of pre-pandemic level. The largest increase in jobs should be seen in the *Transportation Equipment Manufacturing* subsector, with 1,710 jobs anticipated overall. *Fabricated Metal Product Manufacturing* is slated to be the top growing industry in this group, with an increase of 1,270 jobs. Iron and Steel Mills and Ferroalloy Manufacturing could see a 28.26 percent rise in jobs, becoming the fastest growing industry in **Manufacturing**. However, not all **Durable Goods Manufacturing** industries are slated to see so bright a future. Electrical Equipment Manufacturing is predicted to decrease by 338 jobs, placing among the ten highest declining industries in the state. Its 13.03 percent decline places the industry in the Top 20 Fastest Declining Industries list and the fastest among Durable Goods industries.

The **Trade, Transportation, and Utilities** supersector lost 4,011 jobs between 2019 and 2020. The supersector is slated to add 14,394 jobs or increase by 5.80 percent during the 10-year projection period. The **Wholesale Trade** sector lost 854 jobs between 2019 and 2020. The

sector is expected to grow 3.70 percent, or 1,711 new jobs. *Merchant Wholesalers, Durable Goods* is anticipated to add 1,266 jobs, while *Merchant Wholesalers, Nondurable Goods* is predicted to raise staffing by 538 jobs. On the other side, *Wholesale Electronic Markets and Agents and Brokers* could lose 93 jobs between 2020 and 2030, or 2.15 percent of its workforce. The **Retail Trade** sector lost 1,403 jobs between 2019 and 2020, or just over one percent of its workforce. The industry sector is estimated to grow by 5,592 jobs, or 4.13 percent by 2030. Electronic Shopping and Mail Order Houses is forecast to be among the ten fastest growing industries in the state, increasing its workforce by 45.62 percent. *General Merchandise Stores* is predicted to grow by 1,374 jobs. On the negative side of the economy, *Electronics and Appliance Stores* is slated to lose 398 jobs, or 13.03 percent of its workforce, becoming the fourth highest declining industry in the state and on the Top 20 Fastest Declining Industries list. In all, five **Retail Trade** industries made the Top 20 Fastest Declining Industries list, with Book, Periodical, and Music Stores projected to lose more than a third of its workforce, second fastest in the state.

The **Transportation and Warehousing** sector lost 1,416 jobs between 2019 and 2020, a 2.52 percent drop. The industry sector is forecast to add 6,802 jobs between 2020 and 2030, an 11.61 percent increase. *Truck Transportation* is the biggest driver of this growth, adding 2,321 new jobs, making the Top 20 Growing Industries list. *Warehousing and Storage* is slated to increase by an additional 1,905 jobs. Other Transit and Ground Passenger Transportation is estimated to be the second fastest growing industry in the state, increasing by 70 percent between 2020 and 2030, while Support Activities for Road Transportation could see a 30.17 percent rise in jobs. On the negative side of the labor market, the *Pipeline Transportation* subsector is expected to cut 52 jobs from its workforce, while Scenic and Sightseeing Transportation is projected to lose a third of its workforce. The **Utilities** sector gained 62 jobs between 2019 and 2020. The industry sector is projected to add 289 jobs during the 2020-2030 projection period, an increase of 3.69 percent. Electric Power Generation, Transmission and Distribution is slated to add 302 jobs, while Water, Sewage and Other Systems is estimated to gain 87 jobs. However, Natural Gas Distribution, could cut 100 jobs, or 10.27 percent from its workforce.

The **Information** supersector lost 836 jobs between 2019 and 2020, a 6.87 percent drop. The industry group could continue to struggle through 2030, losing an additional 166 jobs, or 1.44 percent of its workforce. The *Telecommunications* subsector could see a significant net loss of 464 jobs over the projection period, making the Top 20 Fastest Declining Industries list and the second highest declining. Newspaper, Periodical, Book, and Directory Publishers is expected to be among the ten fastest declining industries, losing an estimated 15.22 percent. However, there are a few positives in the **Information** supersector. Motion Picture and Video Industries is slated to add 48.73 percent to its workforce, sixth fastest in the state after losing 625 jobs, or more than 48 percent of its workforce during the pandemic. *Data Processing, Hosting and Related Services* is also anticipated to see considerable growth, adding an additional 296 jobs to its own workforce.

The **Financial Activities** supersector weathered the pandemic storm, only losing 54 jobs between 2019 and 2020. The supersector is estimated to gain 7,201 jobs or add 11.19 percent to its workforce from 2020 to 2030. The **Finance and Insurance** sector gained jobs between 2019 and 2020, increasing its workforce by 278, an 0.73 percent gain. accounting for 4,940 of those new jobs. The industry sector is expected to gain 6,296, more than 87 percent of the total growth in **Financial Activities**. The *Insurance Carriers and Related Activities* subsector is estimated to add 5,158 jobs to its workforce. Driving this growth is Insurance Carriers, with a growth of 4,554, placing the industry as the fourth highest growing industry in the state. The *Credit Intermediation and Related Activities* subsector is estimated to add 932 new jobs to its own workforce. The **Real Estate and Rental and Leasing** sector, however, lost 332 jobs between 2019 and 2020, a 2.38 percent decline. The sector is expected to add 905 jobs, or 6.65 percent between 2020 and 2030. Most of the gain is likely to occur in the *Real Estate* subsector, adding 733 jobs, or 7.42 percent to its workforce. The *Rental and Leasing Services* subsector could increase by an additional 175 jobs.

The **Professional and Business Services** supersector lost 4,534 jobs, or 3.14 percent between 2019 and 2020. The supersector is expected to increase employment by 10.54 percent or 14,722 jobs between 2020 and 2030. The **Professional, Scientific, and Technical Services** sector lost 330 jobs between 2019 and 2020, amounting to less than one percent drop in employment. The industry sector is slated to raise staffing by

15.27 percent of 6,549 new jobs. Driving job growth is Computer Systems Design and Related Services, which is estimated to gain 2,705 of those jobs, a 30.62 percent increase, placing in the Top 20 Growing Industries list as well as the Top 20 Fastest Declining Industries list. Management, Scientific, and Technical Consulting Services is forecast to increase by an additional 1,744 jobs. The **Management of Companies and Enterprises** sector gained 96 jobs between 2019 and 2020. The industry sector could gain 947 jobs, or 2.80 percent by the end of 2030. The **Administrative and Support and Waste Management and Remediation Services** sector lost 4,299 jobs between 2019 and 2020, a 6.39 percent decline. The industry sector is estimated to increase by 7,226 jobs, or 11.47 percent. The *Administrative and Support Services* subsector drives this growth with a gain of 6,562 jobs. Employment Services leads the sector in growth, adding an estimated 3,539 jobs, and becoming one of the ten highest growing industries in the state. One downside is Facilities Support Services, slated to lose 113 jobs, or 9.46 percent of its workforce, fourth in the state.

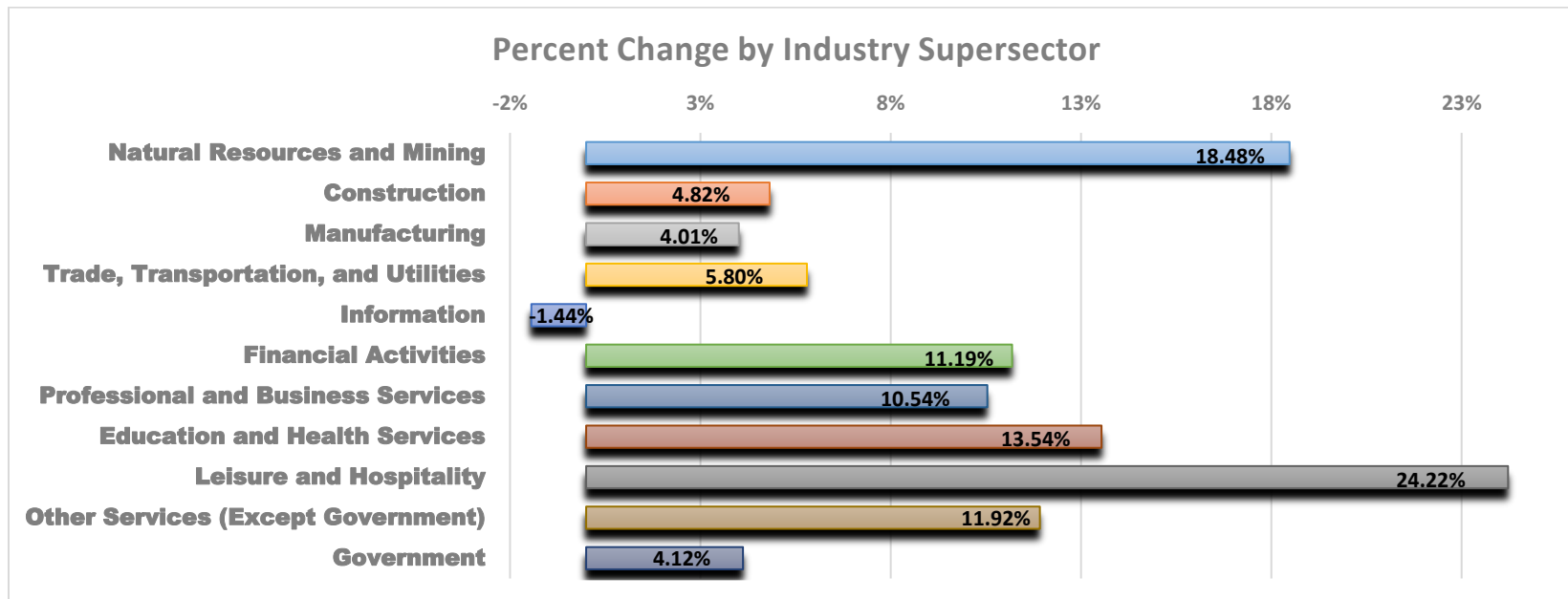
Education and Health Services lost 9,082 jobs between 2019 and 2020, a 3.14 percent reduction. The industry group is estimated to be the top growing supersector for 2020 to 2030, gaining 39,762 jobs, a 13.54 percent rise. *Educational Services* lost 3,192 jobs between 2019 and 2020, a 3.18 percent decline, as many educational institutions at all levels were forced to go virtual or hybrid for much of 2020. The industry sector is estimated to gain 7,779 jobs during the projection period. Elementary and Secondary Schools should see most of this growth with 5,305 new jobs anticipated to be added, third highest growing industry statewide. **Health Care and Social Assistance** lost 5,890 jobs between 2019 and 2020, a 3.11 percent loss. The industry sector is forecast to grow by 31,983 jobs, an increase of 16.97 percent. Of those jobs, 13,315 could be found in the *Social Assistance* subsector. Driving this growth, Individual and Family Services is projected to be second in the state in numeric growth, adding 7,771 jobs. In all, seven industries in the **Healthcare and Social Assistance** sector made the Top 20 Growing Industries list. Child Day Care Services is expected to be one of the ten fastest growing industries, gaining 38.23 percent during the 2020-2030 projection period, after losing 899 jobs, or 8.53 percent of its workforce between 2019 and 2020. Specialty (except Psychiatric and Substance

Abuse) Hospitals is estimated to be the ninth fastest growing industry, raising employment by 41.87 percent.

Leisure and Hospitality supersector lost the most jobs of any subsector, cutting 14,530 jobs between 2019 and 2020, or 12.01 percent of its workforce. At 24.22 percent, the supersector would be the fastest growing in the state, increasing its overall workforce by 25,780. Most of the growth is likely to come in the **Accommodation and Food Services** sector, which is projected to add 22,011 new jobs, a 22.87 percent. The sector lost 12,800 jobs between 2019 and 2020 as shutdowns of indoor operations affected this industry sector in 2020. Driving the recovery in **Leisure and Hospitality** is Restaurants and Other Eating Places, projected to increase employment by 19,074 jobs, to become the top growing industry in the state. The **Arts, Entertainment, and Recreation** sector is estimated to add 3,769 jobs. *Museums, Historical Sites, and Similar Institutions* is slated to be the fastest growing industry, raising employment by 75.47 percent. In all, five **Leisure and Hospitality** industries are on the Top 20 Fastest Growing Industries list.

The **Other Services (Except Government)** supersector lost 1,466 jobs between 2019 and 2020, a 5.81 percent drop. The supersector is predicted to add 8,732 jobs between 2020 and 2030, an 11.92 percent rise in employment. *Religious, Grantmaking, Civic, Professional, and Similar Organizations* could lead the supersector with 8,467 jobs. Grantmaking and Giving Services could increase employment by 55.55 percent, fifth fastest in the state, while Religious Organizations is anticipated to add 2,566 new jobs between 2020 and 2030, making the Top 20 Growing Industries list. On the negative side of the labor market, *Private Households* is forecast to be the top declining industry with a decline of 923 jobs, also making the Top 20 Fastest Declining Industries list.

The **Government** supersector lost 911 jobs between 2019 and 2020 and is projected to add 3,920 jobs from 2020 to 2030. *Local Government, Excluding Education and Hospitals* could be the fifth highest growing industry in the state with 4,113 new jobs. *State, Government, Excluding Education and Hospitals* is predicted to see 296 new jobs, while Postal Service should see a decrease of 354 jobs by 2030. Federal Government, Excluding Post Office is also expected to lose jobs, cutting 135.



Top 20 Growing Industries by Numeric Change

NAICS Code	NAICS Title	2020 Estimated Employment	2030 Projected Employment	Numeric Change	Percent Change
722500	Restaurants and Other Eating Places	82,363	101,437	19,074	23.16%
624100	Individual and Family Services	22,967	30,738	7,771	33.84%
611100	Elementary and Secondary Schools	70,422	75,727	5,305	7.53%
524100	Insurance Carriers	19,158	23,712	4,554	23.77%
999300	Local Government, Excluding Education and Hospitals	40,814	44,927	4,113	10.08%
624400	Child Day Care Services	9,642	13,328	3,686	38.23%
561300	Employment Services	24,324	27,863	3,539	14.55%
622100	General Medical and Surgical Hospitals	51,883	55,344	3,461	6.67%
621300	Offices of Other Health Practitioners	9,538	12,511	2,973	31.17%
112000	Animal Production	9,003	11,932	2,929	32.53%
621100	Offices of Physicians	26,074	28,948	2,874	11.02%
111000	Crop Production	9,683	12,417	2,734	28.24%
541500	Computer Systems Design and Related Services	8,833	11,538	2,705	30.62%
813100	Religious Organizations	33,600	36,166	2,566	7.64%
484000	Truck Transportation	31,639	33,960	2,321	7.34%
813200	Grantmaking and Giving Services	4,043	6,289	2,246	55.55%
813900	Business, Professional, Labor, Political, and Similar Organizations	4,374	6,429	2,055	46.98%
622300	Specialty (except Psychiatric and Substance Abuse) Hospitals	4,786	6,790	2,004	41.87%
493000	Warehousing and Storage	9,116	11,021	1,905	20.90%
622200	Psychiatric and Substance Abuse Hospitals	5,301	7,173	1,872	35.31%

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

NAICS Code	NAICS Title	2020 Estimated Employment	2030 Projected Employment	Numeric Change	Percent Change
712000	Museums, Historical Sites, and Similar Institutions	738	1,295	557	75.47%
485900	Other Transit and Ground Passenger Transportation	910	1,547	637	70.00%
711300	Promoters of Performing Arts, Sports, and Similar Events	379	599	220	58.05%
711400	Agents and Managers for Artists, Athletes, Entertainers, and Other Public Figures	38	60	22	57.89%
813200	Grantmaking and Giving Services	4,043	6,289	2,246	55.55%
512100	Motion Picture and Video Industries	669	995	326	48.73%
813900	Business, Professional, Labor, Political, and Similar Organizations	4,374	6,429	2,055	46.98%
454100	Electronic Shopping and Mail Order Houses	776	1,130	354	45.62%
622300	Specialty (except Psychiatric and Substance Abuse) Hospitals	4,786	6,790	2,004	41.87%
624400	Child Day Care Services	9,642	13,328	3,686	38.23%
722400	Drinking Places (Alcoholic Beverages)	672	922	250	37.20%
622200	Psychiatric and Substance Abuse Hospitals	5,301	7,173	1,872	35.31%
624100	Individual and Family Services	22,967	30,738	7,771	33.84%
112000	Animal Production	9,003	11,932	2,929	32.53%
621300	Offices of Other Health Practitioners	9,538	12,511	2,973	31.17%
711200	Spectator Sports	1,295	1,694	399	30.81%
541500	Computer Systems Design and Related Services	8,833	11,538	2,705	30.62%
621500	Medical and Diagnostic Laboratories	1,327	1,733	406	30.60%
488400	Support Activities for Road Transportation	895	1,165	270	30.17%
623300	Continuing Care Retirement Communities and Assisted Living Facilities for the Elderly	4,520	5,829	1,309	28.96%

Top 20 Declining Industries by Numeric Change

NAICS Code	NAICS Title	2020 Estimated Employment	2030 Projected Employment	Numeric Change	Percent Change
814000	Private Households	6,993	6,070	-923	-13.20%
517000	Telecommunications	3,378	2,914	-464	-13.74%
322200	Converted Paper Product Manufacturing	5,638	5,179	-459	-8.14%
443000	Electronics and Appliance Stores	3,054	2,656	-398	-13.03%
323000	Printing and Related Support Activities	3,151	2,767	-384	-12.19%
491100	Postal Service	5,523	5,169	-354	-6.41%
335300	Electrical Equipment Manufacturing	2,595	2,257	-338	-13.03%
511100	Newspaper, Periodical, Book, and Directory Publishers	1,938	1,643	-295	-15.22%
333000	Machinery Manufacturing	11,163	10,879	-284	-2.54%
337000	Furniture and Related Product Manufacturing	3,262	3,039	-223	-6.84%
113300	Logging	2,012	1,829	-183	-9.10%
811400	Personal and Household Goods Repair and Maintenance	618	441	-177	-28.64%
454300	Direct Selling Establishments	706	531	-175	-24.79%
315100	Apparel Knitting Mills	368	204	-164	-44.57%
322100	Pulp, Paper, and Paperboard Mills	3,333	3,171	-162	-4.86%
999100	Federal Government, Excluding Post Office	15,933	15,798	-135	-0.85%
451200	Book, Periodical, and Music Stores	372	247	-125	-33.60%
515100	Radio and Television Broadcasting	1,424	1,301	-123	-8.64%
561200	Facilities Support Services	1,195	1,082	-113	-9.46%
314900	Other Textile Product Mills	759	654	-105	-13.83%

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

NAICS Code	NAICS Title	2020 Estimated Employment	2030 Projected Employment	Numeric Change	Percent Change
315100	Apparel Knitting Mills	368	204	-164	-44.57%
451200	Book, Periodical, and Music Stores	372	247	-125	-33.60%
811400	Personal and Household Goods Repair and Maintenance	618	441	-177	-28.64%
454300	Direct Selling Establishments	706	531	-175	-24.79%
711500	Independent Artists, Writers, and Performers	72	60	-12	-16.67%
483000	Water Transportation	38	32	-6	-15.79%
454200	Vending Machine Operators	346	292	-54	-15.61%
511100	Newspaper, Periodical, Book, and Directory Publishers	1,938	1,643	-295	-15.22%
448300	Jewelry, Luggage, and Leather Goods Stores	561	476	-85	-15.15%
314900	Other Textile Product Mills	759	654	-105	-13.83%
517000	Telecommunications	3,378	2,914	-464	-13.74%
814000	Private Households	6,993	6,070	-923	-13.20%
316200	Footwear Manufacturing	777	675	-102	-13.13%
443000	Electronics and Appliance Stores	3,054	2,656	-398	-13.03%
335300	Electrical Equipment Manufacturing	2,595	2,257	-338	-13.03%
237200	Land Subdivision	102	89	-13	-12.75%
323000	Printing and Related Support Activities	3,151	2,767	-384	-12.19%
221200	Natural Gas Distribution	974	874	-100	-10.27%
313200	Fabric Mills	109	98	-11	-10.09%
448200	Shoe Stores	921	831	-90	-9.77%

2020-2030 Long-Term Statewide Industry Projections

NAICS Code	NAICS Title	2020 Estimated Employment	2030 Projected Employment	Numeric Change	Percent Change
000000	TOTAL ALL INDUSTRIES	1,374,448	1,498,835	124,387	9.05%
006010	Self Employed Workers, All Jobs	104,002	99,704	-4,298	-4.13%
101000	Goods Producing	238,322	252,662	14,340	6.02%
101100	NATURAL RESOURCES AND MINING	30,108	35,673	5,565	18.48%
110000	Agriculture, Forestry, Fishing and Hunting	26,773	32,304	5,531	20.66%
<i>111000</i>	<i>Crop Production</i>	<i>9,683</i>	<i>12,417</i>	<i>2,734</i>	<i>28.24%</i>
<i>112000</i>	<i>Animal Production</i>	<i>9,003</i>	<i>11,932</i>	<i>2,929</i>	<i>32.53%</i>
<i>113000</i>	<i>Forestry and Logging</i>	<i>2,306</i>	<i>2,140</i>	<i>-166</i>	<i>-7.20%</i>
<i>113132</i>	Forestry	294	311	17	5.78%
<i>113300</i>	Logging	2,012	1,829	-183	-9.10%
<i>114000</i>	<i>Fishing, Hunting and Trapping</i>	<i>14</i>	<i>13</i>	<i>-1</i>	<i>-7.14%</i>
<i>115000</i>	<i>Support Activities for Agriculture and Forestry</i>	<i>5,767</i>	<i>5,802</i>	<i>35</i>	<i>0.61%</i>
210000	Mining	3,335	3,369	34	1.02%
<i>211000</i>	<i>Oil and Gas Extraction</i>	<i>442</i>	<i>404</i>	<i>-38</i>	<i>-8.60%</i>
<i>212000</i>	<i>Mining (except Oil and Gas)</i>	<i>1,763</i>	<i>1,805</i>	<i>42</i>	<i>2.38%</i>
<i>213000</i>	<i>Support Activities for Mining</i>	<i>1,130</i>	<i>1,160</i>	<i>30</i>	<i>2.65%</i>
101200	CONSTRUCTION	53,190	55,753	2,563	4.82%
<i>236000</i>	<i>Construction of Buildings</i>	<i>11,111</i>	<i>11,774</i>	<i>663</i>	<i>5.97%</i>
<i>236100</i>	Residential Building Construction	3,787	4,088	301	7.95%
<i>236200</i>	Nonresidential Building Construction	7,324	7,686	362	4.94%

2020-2030 Long-Term Statewide Industry Projections

NAICS Code	NAICS Title	2020 Estimated Employment	2030 Projected Employment	Numeric Change	Percent Change
237000	<i>Heavy and Civil Engineering Construction</i>	8,293	8,480	187	2.25%
237100	Utility System Construction	4,518	4,615	97	2.15%
237200	Land Subdivision	102	89	-13	-12.75%
237300	Highway, Street, and Bridge Construction	2,869	2,994	125	4.36%
237900	Other Heavy and Civil Engineering Construction	804	782	-22	-2.74%
238000	<i>Specialty Trade Contractors</i>	33,786	35,499	1,713	5.07%
238100	Foundation, Structure, and Building Exterior Contractors	5,930	6,359	429	7.23%
238200	Building Equipment Contractors	18,940	19,885	945	4.99%
238300	Building Finishing Contractors	3,762	3,895	133	3.54%
238900	Other Specialty Trade Contractors	5,154	5,360	206	4.00%
101300	MANUFACTURING	155,024	161,236	6,212	4.01%
	Non-Durable Goods Manufacturing	82,396	84,759	2,363	2.87%
311000	<i>Food Manufacturing</i>	49,351	51,768	2,417	4.90%
311100	Animal Food Manufacturing	1,798	2,168	370	20.58%
311200	Grain and Oilseed Milling	2,758	2,838	80	2.90%
311400	Fruit and Vegetable Preserving and Specialty Food Manufacturing	4,308	4,331	23	0.53%
311500	Dairy Product Manufacturing	585	551	-34	-5.81%
311600	Animal Slaughtering and Processing	33,524	34,820	1,296	3.87%
311800	Bakeries and Tortilla Manufacturing	3,948	4,279	331	8.38%
311900	Other Food Manufacturing	2,396	2,752	356	14.86%
312000	<i>Beverage and Tobacco Product Manufacturing</i>	1,451	1,682	231	15.92%
313000	<i>Textile Mills</i>	133	118	-15	-11.28%
313200	Fabric Mills	109	98	-11	-10.09%
313300	Textile and Fabric Finishing and Fabric	24	20	-4	-16.67%
314000	<i>Textile Product Mills</i>	779	671	-108	-13.86%
314100	Textile Furnishings Mills	20	17	-3	-15.00%
314900	Other Textile Product Mills	759	654	-105	-13.83%

2020-2030 Long-Term Statewide Industry Projections

NAICS Code	NAICS Title	2020 Estimated Employment	2030 Projected Employment	Numeric Change	Percent Change
315000	<i>Apparel Manufacturing</i>	661	374	-287	-43.42%
315100	Apparel Knitting Mills	368	204	-164	-44.57%
316000	<i>Leather and Allied Product Manufacturing</i>	977	860	-117	-11.98%
316200	Footwear Manufacturing	777	675	-102	-13.13%
316900	Other Leather and Allied Product Manufacturing	200	185	-15	-7.50%
322000	<i>Paper Manufacturing</i>	8,971	8,350	-621	-6.92%
322100	Pulp, Paper, and Paperboard Mills	3,333	3,171	-162	-4.86%
322200	Converted Paper Product Manufacturing	5,638	5,179	-459	-8.14%
323000	<i>Printing and Related Support Activities</i>	3,151	2,767	-384	-12.19%
324000	<i>Petroleum and Coal Products Manufacturing</i>	1,112	1,294	182	16.37%
325000	<i>Chemical Manufacturing</i>	5,505	5,983	478	8.68%
326000	<i>Plastics and Rubber Products Manufacturing</i>	10,305	10,892	587	5.70%
326100	Plastics Product Manufacturing	6,362	6,740	378	5.94%
326200	Rubber Product Manufacturing	3,943	4,152	209	5.30%
	Durable Goods Manufacturing	72,628	76,477	3,849	5.30%
321000	<i>Wood Product Manufacturing</i>	9,446	10,171	725	7.68%
321100	Sawmills and Wood Preservation	4,442	4,621	179	4.03%
321200	Veneer, Plywood, and Engineered Wood Product Manufacturing	1,967	1,901	-66	-3.36%
321900	Other Wood Product Manufacturing	3,037	3,649	612	20.15%
327000	<i>Nonmetallic Mineral Product Manufacturing</i>	3,557	3,543	-14	-0.39%
331000	<i>Primary Metal Manufacturing</i>	7,574	8,617	1,043	13.77%
331100	Iron and Steel Mills and Ferroalloy Manufacturing	3,539	4,539	1,000	28.26%
331200	Steel Product Manufacturing from Purchased Steel	1,874	2,077	203	10.83%
331300	Alumina and Aluminum Production	869	803	-66	-7.59%
331400	Nonferrous Metal (except Aluminum) Production and Processing	244	236	-8	-3.28%
331500	Foundries	1,048	962	-86	-8.21%
332000	<i>Fabricated Metal Product Manufacturing</i>	14,256	15,526	1,270	8.91%
333000	<i>Machinery Manufacturing</i>	11,163	10,879	-284	-2.54%

2020-2030 Long-Term Statewide Industry Projections

NAICS Code	NAICS Title	2020 Estimated Employment	2030 Projected Employment	Numeric Change	Percent Change
334000	<i>Computer and Electronic Product Manufacturing</i>	1,744	1,790	46	2.64%
334400	Semiconductor and Other Electronic Component Manufacturing	1,258	1,366	108	8.59%
334500	Navigational, Measuring, Electromedical, and Control Instruments Manufacturing	327	299	-28	-8.56%
335000	<i>Electrical Equipment, Appliance, and Component Manufacturing</i>	4,157	3,749	-408	-9.81%
335300	Electrical Equipment Manufacturing	2,595	2,257	-338	-13.03%
335900	Other Electrical Equipment and Component Manufacturing	1,240	1,195	-45	-3.63%
336000	<i>Transportation Equipment Manufacturing</i>	14,067	15,777	1,710	12.16%
336200	Motor Vehicle Body and Trailer Manufacturing	1,948	2,026	78	4.00%
336300	Motor Vehicle Parts Manufacturing	4,674	5,042	368	7.87%
336400	Aerospace Product and Parts Manufacturing	4,192	4,312	120	2.86%
336600	Ship and Boat Building	1,998	2,263	265	13.26%
337000	<i>Furniture and Related Product Manufacturing</i>	3,262	3,039	-223	-6.84%
339000	<i>Miscellaneous Manufacturing</i>	3,402	3,386	-16	-0.47%
339100	Medical Equipment and Supplies Manufacturing	1,677	1,732	55	3.28%
339900	Other Miscellaneous Manufacturing	1,725	1,654	-71	-4.12%
102000	Services Providing	1,032,124	1,146,469	114,345	11.08%
102100	TRADE, TRANSPORTATION, AND UTILITIES	248,078	262,472	14,394	5.80%
420000	Wholesale Trade	46,242	47,953	1,711	3.70%
423000	<i>Merchant Wholesalers, Durable Goods</i>	24,074	25,340	1,266	5.26%
424000	<i>Merchant Wholesalers, Nondurable Goods</i>	17,842	18,380	538	3.02%
425000	<i>Wholesale Electronic Markets and Agents and Brokers</i>	4,326	4,233	-93	-2.15%
440000	Retail Trade	135,410	141,002	5,592	4.13%
441000	<i>Motor Vehicle and Parts Dealers</i>	18,585	19,647	1,062	5.71%
441100	Automobile Dealers	11,214	11,752	538	4.80%
441200	Other Motor Vehicle Dealers	1,717	2,024	307	17.88%
441300	Automotive Parts, Accessories, and Tire Stores	5,654	5,871	217	3.84%

2020-2030 Long-Term Statewide Industry Projections

NAICS Code	NAICS Title	2020 Estimated Employment	2030 Projected Employment	Numeric Change	Percent Change
442000	<i>Furniture and Home Furnishings Stores</i>	3,277	3,351	74	2.26%
442100	Furniture Stores	1,846	1,783	-63	-3.41%
442200	Home Furnishings Stores	1,431	1,568	137	9.57%
443000	<i>Electronics and Appliance Stores</i>	3,054	2,656	-398	-13.03%
444000	<i>Building Material and Garden Equipment and Supplies Dealers</i>	12,506	13,232	726	5.81%
444100	Building Material and Supplies Dealers	10,307	10,889	582	5.65%
444200	Lawn and Garden Equipment and Supplies Stores	2,199	2,343	144	6.55%
445000	<i>Food and Beverage Stores</i>	20,200	21,309	1,109	5.49%
446000	<i>Health and Personal Care Stores</i>	8,368	8,723	355	4.24%
447000	<i>Gasoline Stations</i>	12,308	12,665	357	2.90%
448000	<i>Clothing and Clothing Accessories Stores</i>	6,240	6,364	124	1.99%
448100	Clothing Stores	4,758	5,057	299	6.28%
448200	Shoe Stores	921	831	-90	-9.77%
448300	Jewelry, Luggage, and Leather Goods Stores	561	476	-85	-15.15%
451000	<i>Sporting Goods, Hobby, Book, and Music Stores</i>	3,964	4,115	151	3.81%
451100	Sporting Goods, Hobby, and Musical Instrument Stores	3,592	3,868	276	7.68%
451200	Book, Periodical, and Music Stores	372	247	-125	-33.60%
452000	<i>General Merchandise Stores</i>	38,213	39,587	1,374	3.60%
453000	<i>Miscellaneous Store Retailers</i>	6,867	7,400	533	7.76%
454000	<i>Nonstore Retailers</i>	1,828	1,953	125	6.84%
454100	Electronic Shopping and Mail Order Houses	776	1,130	354	45.62%
454200	Vending Machine Operators	346	292	-54	-15.61%
454300	Direct Selling Establishments	706	531	-175	-24.79%
480000	Transportation and Warehousing	58,592	65,394	6,802	11.61%
481000	<i>Air Transportation</i>	721	842	121	16.78%
481100	Scheduled Air Transportation	617	737	120	19.45%
481200	Nonscheduled Air Transportation	104	105	1	0.96%
483000	<i>Water Transportation</i>	38	32	-6	-15.79%

2020-2030 Long-Term Statewide Industry Projections

NAICS Code	NAICS Title	2020 Estimated Employment	2030 Projected Employment	Numeric Change	Percent Change
484000	<i>Truck Transportation</i>	31,639	33,960	2,321	7.34%
485000	<i>Transit and Ground Passenger Transportation</i>	1,654	2,437	783	47.34%
485300	Taxi and Limousine Service	240	296	56	23.33%
485400	School and Employee Bus Transportation	286	361	75	26.22%
485500	Charter Bus Industry	65	72	7	10.77%
485900	Other Transit and Ground Passenger Transportation	910	1,547	637	70.00%
486000	<i>Pipeline Transportation</i>	606	554	-52	-8.58%
487000	<i>Scenic and Sightseeing Transportation</i>	12	8	-4	-33.33%
488000	<i>Support Activities for Transportation</i>	5,538	6,512	974	17.59%
488100	Support Activities for Air Transportation	1,130	1,450	320	28.32%
488200	Support Activities for Rail Transportation	729	825	96	13.17%
488300	Support Activities for Water Transportation	452	474	22	4.87%
488400	Support Activities for Road Transportation	895	1,165	270	30.17%
488500	Freight Transportation Arrangement	2,221	2,459	238	10.72%
488900	Other Support Activities for Transportation	111	139	28	25.23%
492000	<i>Couriers and Messengers</i>	5,725	6,650	925	16.16%
493000	<i>Warehousing and Storage</i>	9,116	11,021	1,905	20.90%
220000	Utilities	7,834	8,123	289	3.69%
221100	Electric Power Generation, Transmission and Distribution	5,919	6,221	302	5.10%
221200	Natural Gas Distribution	974	874	-100	-10.27%
221300	Water, Sewage and Other Systems	941	1,028	87	9.25%
102200	INFORMATION	11,564	11,398	-166	-1.44%
511000	<i>Publishing Industries (except Internet)</i>	2,291	2,074	-217	-9.47%
511100	Newspaper, Periodical, Book, and Directory Publishers	1,938	1,643	-295	-15.22%
511200	Software Publishers	353	431	78	22.10%
512000	<i>Motion Picture and Sound Recording Industries</i>	690	1,016	326	47.25%

2020-2030 Long-Term Statewide Industry Projections

NAICS Code	NAICS Title	2020 Estimated Employment	2030 Projected Employment	Numeric Change	Percent Change
512100	Motion Picture and Video Industries	669	995	326	48.73%
512200	Sound Recording Industries	21	21	0	0.00%
515000	<i>Broadcasting (except Internet)</i>	1,440	1,314	-126	-8.75%
515100	Radio and Television Broadcasting	1,424	1,301	-123	-8.64%
515200	Cable and Other Subscription Programming	16	13	-3	-18.75%
517000	<i>Telecommunications</i>	3,378	2,914	-464	-13.74%
518000	<i>Data Processing, Hosting and Related Services</i>	3,400	3,696	296	8.71%
519000	<i>Other Information Services</i>	365	384	19	5.21%
102300	FINANCIAL ACTIVITIES	64,327	71,528	7,201	11.19%
520000	Finance and Insurance	50,710	57,006	6,296	12.42%
522000	<i>Credit Intermediation and Related Activities</i>	19,757	20,689	932	4.72%
523000	<i>Securities, Commodity Contracts, and Other Financial Investments and Related Activities</i>	3,062	3,271	209	6.83%
524000	<i>Insurance Carriers and Related Activities</i>	27,816	32,974	5,158	18.54%
524100	Insurance Carriers	19,158	23,712	4,554	23.77%
524200	Agencies, Brokerages, and Other Insurance Related Activities	8,658	9,262	604	6.98%
530000	Real Estate and Rental and Leasing	13,617	14,522	905	6.65%
531000	<i>Real Estate</i>	9,873	10,606	733	7.42%
532000	<i>Rental and Leasing Services</i>	3,692	3,867	175	4.74%
533000	<i>Lessors of Nonfinancial Intangible Assets (except Copyrighted Works)</i>	52	49	-3	-5.77%
102400	PROFESSIONAL AND BUSINESS SERVICES	139,642	154,364	14,722	10.54%
540000	Professional, Scientific, and Technical Services	42,881	49,430	6,549	15.27%
541100	Legal Services	6,008	6,157	149	2.48%
541200	Accounting, Tax Preparation, Bookkeeping, and Payroll Services	6,137	6,555	418	6.81%

2020-2030 Long-Term Statewide Industry Projections

NAICS Code	NAICS Title	2020 Estimated Employment	2030 Projected Employment	Numeric Change	Percent Change
541300	Architectural, Engineering, and Related Services	6,435	6,778	343	5.33%
541400	Specialized Design Services	350	374	24	6.86%
541500	Computer Systems Design and Related Services	8,833	11,538	2,705	30.62%
541600	Management, Scientific, and Technical Consulting Services	6,054	7,798	1,744	28.81%
541700	Scientific Research and Development Services	871	975	104	11.94%
541800	Advertising, Public Relations, and Related Services	3,810	4,383	573	15.04%
541900	Other Professional, Scientific, and Technical Services	4,383	4,872	489	11.16%
550000	Management of Companies and Enterprises	33,776	34,723	947	2.80%
560000	Administrative and Support and Waste Management and Remediation Services	62,985	70,211	7,226	11.47%
<i>561000</i>	<i>Administrative and Support Services</i>	<i>59,277</i>	<i>65,839</i>	<i>6,562</i>	<i>11.07%</i>
561100	Office Administrative Services	3,446	4,213	767	22.26%
561200	Facilities Support Services	1,195	1,082	-113	-9.46%
561300	Employment Services	24,324	27,863	3,539	14.55%
561400	Business Support Services	8,650	9,084	434	5.02%
561500	Travel Arrangement and Reservation Services	258	240	-18	-6.98%
561600	Investigation and Security Services	4,940	5,761	821	16.62%
561700	Services to Buildings and Dwellings	15,224	16,389	1,165	7.65%
561900	Other Support Services	1,240	1,207	-33	-2.66%
<i>562000</i>	<i>Waste Management and Remediation Service</i>	<i>3,708</i>	<i>4,372</i>	<i>664</i>	<i>17.91%</i>
562100	Waste Collection	1,311	1,589	278	21.21%
562200	Waste Treatment and Disposal	1,054	1,168	114	10.82%
562900	Remediation and Other Waste Management Services	1,343	1,615	272	20.25%
102500	EDUCATION AND HEALTH SERVICES	293,738	333,500	39,762	13.54%
610000	Educational Services	105,220	112,999	7,779	7.39%
611100	Elementary and Secondary Schools	70,422	75,727	5,305	7.53%

2020-2030 Long-Term Statewide Industry Projections

NAICS Code	NAICS Title	2020 Estimated Employment	2030 Projected Employment	Numeric Change	Percent Change
611200	Junior Colleges	6,448	6,923	475	7.37%
611300	Colleges, Universities, and Professional Schools	24,975	26,655	1,680	6.73%
611400	Business Schools and Computer and Management Training	135	146	11	8.15%
611500	Technical and Trade Schools	964	1,041	77	7.99%
611600	Other Schools and Instruction	1,634	1,770	136	8.32%
611700	Educational Support Services	642	737	95	14.80%
620000	Health Care and Social Assistance	188,518	220,501	31,983	16.97%
621000	<i>Ambulatory Health Care Services</i>	58,597	67,934	9,337	15.93%
621100	Offices of Physicians	26,074	28,948	2,874	11.02%
621200	Offices of Dentists	6,967	7,844	877	12.59%
621300	Offices of Other Health Practitioners	9,538	12,511	2,973	31.17%
621400	Outpatient Care Centers	5,170	6,143	973	18.82%
621500	Medical and Diagnostic Laboratories	1,327	1,733	406	30.60%
621600	Home Health Care Services	6,641	7,241	600	9.03%
621900	Other Ambulatory Health Care Services	2,880	3,514	634	22.01%
622000	<i>Hospitals</i>	61,970	69,307	7,337	11.84%
622100	General Medical and Surgical Hospitals	51,883	55,344	3,461	6.67%
622200	Psychiatric and Substance Abuse Hospitals	5,301	7,173	1,872	35.31%
622300	Specialty (except Psychiatric and Substance Abuse) Hospitals	4,786	6,790	2,004	41.87%
623000	<i>Nursing and Residential Care Facilities</i>	30,953	33,828	2,875	9.29%
623100	Nursing Care Facilities (Skilled Nursing Facilities)	21,414	22,108	694	3.24%
623200	Residential Intellectual & Developmental Disability, Mental Health, & Substance Abuse Facilities	4,089	4,929	840	20.54%
623300	Continuing Care Retirement Communities and Assisted Living Facilities for the Elderly	4,520	5,829	1,309	28.96%
623900	Other Residential Care Facilities	930	962	32	3.44%
624000	<i>Social Assistance</i>	36,998	49,432	12,434	33.61%
624100	Individual and Family Services	22,967	30,738	7,771	33.84%
624200	Community Food and Housing, and Emergency and Other Relief Services	1,434	1,699	265	18.48%

2020-2030 Long-Term Statewide Industry Projections

NAICS Code	NAICS Title	2020 Estimated Employment	2030 Projected Employment	Numeric Change	Percent Change
624300	Vocational Rehabilitation Services	2,955	3,667	712	24.09%
624400	Child Day Care Services	9,642	13,328	3,686	38.23%
102600	LEISURE AND HOSPITALITY	106,461	132,241	25,780	24.22%
710000	Arts, Entertainment, and Recreation	10,203	13,972	3,769	36.94%
711000	<i>Performing Arts, Spectator Sports, and Related Industries</i>	2,144	2,741	597	27.85%
711100	Performing Arts Companies	360	328	-32	-8.89%
711200	Spectator Sports	1,295	1,694	399	30.81%
711300	Promoters of Performing Arts, Sports, and Similar Events	379	599	220	58.05%
711400	Agents and Managers for Artists, Athletes, Entertainers, and Other Public Figures	38	60	22	57.89%
711500	Independent Artists, Writers, and Performers	72	60	-12	-16.67%
712000	<i>Museums, Historical Sites, and Similar Institution</i>	738	1,295	557	75.47%
713000	<i>Amusement, Gambling, and Recreation Industries</i>	7,321	9,936	2,615	35.72%
713900	Other Amusement and Recreation Industries	6,558	8,179	1,621	24.72%
720000	Accommodation and Food Services	96,258	118,269	22,011	22.87%
721000	<i>Accommodation, including Hotels and Motels</i>	9,477	11,189	1,712	18.06%
721100	Traveler Accommodation	8,907	10,505	1,598	17.94%
721200	RV (Recreational Vehicle) Parks and Recreational Camps	475	568	93	19.58%
721300	Rooming and Boarding Houses	95	116	21	22.11%
722000	<i>Food Services and Drinking Places</i>	86,781	107,080	20,299	23.39%
722300	Special Food Services	3,746	4,721	975	26.03%
722400	Drinking Places (Alcoholic Beverages)	672	922	250	37.20%
722500	Restaurants and Other Eating Places	82,363	101,437	19,074	23.16%
102700	OTHER SERVICES (EXCEPT GOVERNMENT)	73,260	81,992	8,732	11.92%
811000	<i>Repair and Maintenance</i>	10,945	12,209	1,264	11.55%

2020-2030 Long-Term Statewide Industry Projections

NAICS Code	NAICS Title	2020 Estimated Employment	2030 Projected Employment	Numeric Change	Percent Change
811100	Automotive Repair and Maintenance	6,923	7,504	581	8.39%
811200	Electronic and Precision Equipment Repair and Maintenance	844	977	133	15.76%
811300	Commercial and Industrial Machinery and Equipment (except Automotive and Electronic) Repair and Maintenance	2,560	3,287	727	28.40%
811400	Personal and Household Goods Repair and Maintenance	618	441	-177	-28.64%
812000	<i>Personal and Laundry Services</i>	6,934	6,858	-76	-1.10%
812100	Personal Care Services	2,531	2,517	-14	-0.55%
812200	Death Care Services	1,486	1,469	-17	-1.14%
812300	Drycleaning and Laundry Services	1,874	1,778	-96	-5.12%
812900	Other Personal Services	1,043	1,094	51	4.89%
813000	<i>Religious, Grantmaking, Civic, Professional, and Similar Organizations</i>	48,388	56,855	8,467	17.50%
813100	Religious Organizations	33,600	36,166	2,566	7.64%
813200	Grantmaking and Giving Services	4,043	6,289	2,246	55.55%
813300	Social Advocacy Organizations	5,432	6,910	1,478	27.21%
813400	Civic and Social Organizations	939	1,061	122	12.99%
813900	Business, Professional, Labor, Political, and Similar Organizations	4,374	6,429	2,055	46.98%
814000	<i>Private Households</i>	6,993	6,070	-923	-13.20%
102800	GOVERNMENT	95,054	98,974	3,920	4.12%
910000	<i>Total Federal Government Employment</i>	21,456	20,967	-489	-2.28%
491100	Postal Service	5,523	5,169	-354	-6.41%
999100	Federal Government, Excluding Post Office	15,933	15,798	-135	-0.85%
999200	State Government, Excluding Education and Hospitals	32,784	33,080	296	0.90%
999300	Local Government, Excluding Education and Hospitals	40,814	44,927	4,113	10.08%

Explanation of Long-Term Occupational Projections Data Arkansas-Statewide 2020-2030

Standard Occupational Classification (SOC)		Employment		Change		Annual Openings				Education/ Training Codes
Code	Title	2020 Estimated	2030 Projected	Numeric	Percent	Exits	Transfers	Change	Total	
The occupational code based on the Standard Occupational Classification (SOC) Coding and Title Structure	The occupational title based on the Standard Occupational Classification (SOC) Coding and Title Structure	An estimate of the number of jobs in an occupation in 2020	The projected number of jobs expected to be in an occupation in 2030	Total number of jobs an occupation is expected to gain or lose over the 2020 to 2030 period	Percent change in the number of jobs in an occupation over the 2020 to 2030 period	Average number of annual job openings expected to be created during the projection period due to those leaving the workforce for four months or more	Average number of annual job openings expected to be created during the projection period due to those transferring to an occupation in a different SOC Major Group	Average number of annual job openings expected to be created during the projection period due to the gain or decline in an occupation	Average number of annual job openings expected to be created during the projection period due to employment growth and separations	Level of training needed by most workers to become fully qualified in the occupation according to the Bureau of Labor Statistics. See page 82 for definitions.

2020-2030 Arkansas Statewide Occupational Projections by Major Group

Standard Occupational Classification		Employment		Change		Annual Separations		Annual Openings	
Code	Title	2020 Estimated Employment	2030 Projected Employment	Numeric	Percent	Exits	Transfers	Change	Total
00-0000	Total, All Occupations	1,374,448	1,498,835	124,387	9.05%	62,624	94,538	12,439	169,601
11-0000	Management Occupations	121,066	128,900	7,834	6.47%	4,630	5,958	783	11,371
13-0000	Business and Financial Operations Occupations	64,080	71,881	7,801	12.17%	1,810	3,931	780	6,521
15-0000	Computer and Mathematical Occupations	25,975	29,734	3,759	14.47%	572	1,378	376	2,326
17-0000	Architecture and Engineering Occupations	11,704	12,700	996	8.51%	301	606	100	1,007
19-0000	Life, Physical, and Social Science Occupations	8,320	8,908	588	7.07%	187	624	59	870
21-0000	Community and Social Service Occupations	30,425	34,513	4,088	13.44%	1,222	2,068	409	3,699
23-0000	Legal Occupations	7,275	7,924	649	8.92%	216	315	65	596
25-0000	Education, Training, and Library Occupations	77,054	85,796	8,742	11.35%	3,251	3,691	874	7,816
27-0000	Arts, Design, Entertainment, Sports, and Media Occupations	14,897	16,417	1,520	10.20%	612	985	152	1,749
29-0000	Healthcare Practitioners and Technical Occupations	86,195	97,129	10,934	12.69%	2,375	2,858	1,093	6,326
31-0000	Healthcare Support Occupations	55,986	67,257	11,271	20.13%	3,672	3,772	1,127	8,571
33-0000	Protective Service Occupations	27,685	30,006	2,321	8.38%	1,193	1,728	232	3,153
35-0000	Food Preparation and Serving Related Occupations	100,508	121,727	21,219	21.11%	8,482	11,295	2,122	21,899
37-0000	Building and Grounds Cleaning and Maintenance Occupations	43,805	46,802	2,997	6.84%	2,586	3,283	300	6,169
39-0000	Personal Care and Service Occupations	27,134	31,439	4,305	15.87%	1,833	2,248	430	4,511
41-0000	Sales and Related Occupations	131,462	136,490	5,028	3.82%	6,887	10,426	503	17,816
43-0000	Office and Administrative Support Occupations	159,167	160,680	1,513	0.95%	7,533	9,867	151	17,551
45-0000	Farming, Fishing, and Forestry Occupations	19,709	23,120	3,411	17.31%	884	2,423	341	3,648
47-0000	Construction and Extraction Occupations	50,444	53,203	2,759	5.47%	1,554	3,579	276	5,409
49-0000	Installation, Maintenance, and Repair Occupations	59,841	65,243	5,402	9.03%	1,938	3,961	540	6,439
51-0000	Production Occupations	114,543	117,740	3,197	2.79%	4,326	8,465	320	13,111
53-0000	Transportation and Material Moving Occupations	137,173	151,226	14,053	10.24%	6,555	11,077	1,405	19,037

Occupational Outlook

Arkansas occupations are projected to gain 124,387 jobs, or 9.05 percent, by 2030. A total of 169,601 total annual openings are expected each year of the projection period. Of these, 62,624 would be due to employees leaving the workforce, while 94,538 would be due to those changing jobs. Growth and expansion accounts for 12,439 annual job openings. All major groups should see positive net growth over the 10-year projection period.

The **Management Occupations** major group is expected to gain 7,834 jobs during the projection period, with 11,371 total annual job openings. Of these, 4,630 are expected to come from employees leaving the workforce, 5,958 from those changing jobs, and 783 from growth and expansion. The *Top Executives* occupational family is expected to lead the major group in growth, adding 2,864 jobs. General and Operations Managers is forecast to be the top growing occupation in the major group and seventh statewide, adding 2,699 new jobs. The *Other Management Occupations* occupational family is estimated to account for 2,324 new jobs but face a mixed outlook. Medical and Health Services Managers is slated to increase employment by 32.17 percent, or 1,866 new jobs, making both the Top 20 Growing Occupations list as well as the Top 20 Fastest Growing Occupations list. Farmers, Ranchers, and Other Agricultural Managers is expected to lose 1,914 jobs during the projection period, becoming the top declining occupation in the state.

The **Business and Financial Operations Occupations** major group is projected to gain 7,801 jobs by 2030. The group should see 6,521 annual job openings with 1,810 due to those exiting the workforce, 3,931 from those changing jobs, and 780 due to growth and expansion. The *Business Operations Specialists* occupational family is slated to add 5,765 jobs to its workforce. Management Analysts leads all occupations in the major group with 1,168 new jobs. Fundraisers is slated to raise employment by 47.60 percent, becoming the third fastest growing occupation in the state. Market Research Analysts and Marketing Specialists is expected add 1,059 additional jobs. On the

negative side of the labor market, Buyers and Purchasing Agents is forecast to lose 223 jobs, or 5.70 percent of its workforce.

The **Computer and Mathematical Occupations** major group is expected to add 3,759 jobs during the projection period, or 14.47 percent. Total Annual Openings could amount to 2,326 jobs with 572 annual openings due to exiting the workforce and 1,378 due to changing jobs. Another 376 openings are estimated for growth and expansion. The *Computer Occupations* minor group should see most of this growth with 3,335 jobs expected over the 10-year period. Software Developers, Applications is anticipating the highest gain with 1,882 new jobs on the horizon, making the Top 20 Growing Occupations list, while Information Security Analysts is anticipating a growth of 33.65 percent, placing in the Top 20 Fastest Growing Occupations list. *Mathematical Science Occupations* is slated to experience a net gain of 424 jobs with Operations Research Analysts placing among the ten fastest growing occupations at 38.74 percent gain. Statisticians also made the Top 20 Fastest Growing Occupations list with a growth of 31.36 percent. On the negative side, Computer Programmers could see a decline of 87 jobs, or 5.58 percent of its workforce.

The **Architecture and Engineering Occupations** major group could add 996 jobs by 2030. The group is expected to have 1,007 total annual openings with 301 annual openings due to employees leaving the workforce, 606 from employees changing jobs, and 100 from growth and expansion. The *Engineers* minor group leads the group in numeric change, expecting to add 750 jobs during the projection period, more than 75 percent of the major group's overall growth. In this minor group, Industrial Engineers could add 235 jobs, becoming the top growing occupation in the major group. Materials Engineers is slated to raise employment by 35.85 percent, placing in the Top 20 Fastest Growing occupations list.

The **Life, Physical, and Social Science Occupations** major group is predicted to gain 588 new jobs through the 2020-2030 projection

period, or 7.07 percent. Annual openings due to those leaving the workforce would amount to 187, while those changing jobs are estimated to account for 624 openings. Growth and expansion could account for an additional 59 openings bringing total annual openings to 870. The *Life, Physical, and Social Science Technicians* minor group is expected to gain 209 jobs. Clinical, Counseling, and School Psychologists is expected to lead the major group in numeric change, adding 95 new jobs to its workforce, while Epidemiologists could be the fastest growing occupation in the major group, raising employment by 40 percent.

The **Community and Social Services Occupations** major group is estimated to gain 4,088 new jobs during the projection period. The group could see 3,699 total annual openings with 1,222 due to exiting of the workforce and 2,068 due to employees changing jobs. Another 409 annual openings would be due to growth and expansion. Clergy is slated to add 1,133 jobs to its workforce. It is also estimated that the occupation could experience 1,223 annual job openings. Substance Abuse, Behavioral Disorder, and Mental Health Counselors is slated to increase its workforce by 26.85 percent. In all, ten occupations are forecast to add more than 100 new jobs between 2020 and 2030.

The **Legal Occupations** major group is projected to add 649 jobs by 2030. Of the 596 annual openings, 216 should be due to employees exiting the workforce, while 315 would be for employees changing jobs. Growth and expansion could lead to 65 annual job openings. The *Lawyers, Judges, and Related Workers* minor group leads the group with 355 new jobs anticipated, with Lawyers accounting for 336 of those new jobs. The *Legal Support Workers* minor group also expects robust growth with 294 jobs projected to be added. Paralegals and Legal Assistants leads this minor group with 268 jobs expected.

The **Education, Training, and Library Occupations** major group is expected to gain 8,742 jobs during the projection period. The group could see 7,816 total annual openings with annual openings due to occupational exits and occupational transfers accounting for 3,251 and 3,691 jobs, respectively. Growth and expansion are expected to account for 874 annual job openings. *Postsecondary Teachers* is

expected to add 1,135 jobs, while the *Preschool, Primary, Secondary, and Special Education School Teachers* minor group is predicted to increase by 4,485 jobs. Preschool Teachers, Except Special Education is projected to add 1,391 new jobs, a 36.44 percent increase, placing among the ten fastest growing occupations in the state. Teaching Assistants, Except Postsecondary, of the *Other Education, Training, and Library Occupations* occupational family, is also anticipated to add 1,391 jobs during the 2020-2030 projection period.

The **Arts, Design, Entertainment, Sports, and Media Occupations** major group is projected to add 1,520 jobs by 2030. Of the 1,749 total annual openings, 612 of them could come from employees leaving the workforce, 985 from those changing jobs, and 152 from growth and expansion. The *Entertainers and Performers, Sports and Related Workers* minor group leads the group with 630 new jobs anticipated. Public Relations Specialists is predicted to be the top growing occupation in the major group, adding 630 new jobs, while Interpreters and Translators could be the fastest growing occupation, raising employment by 26.55 percent. In all, five occupations are estimated to increase by more than 100 new jobs. On the downside of the economy, Floral Designers is slated to lose 34 jobs between 2020 and 2030, or 11.53 percent of its workforce, becoming the top and fastest declining occupation in the major group.

The **Healthcare Practitioners and Technical Occupations** major group is estimated to add 10,934 jobs by the end of the projection period. This group could see 6,326 annual job openings with 2,375 due to employees leaving the workforce, 2,858 due to employees changing jobs, and 1,093 due to growth and expansion. The *Health Diagnosing and Treating Practitioners* occupational family anticipates adding 6,939 jobs. Driving growth is Registered Nurses, which is predicted to see continued growth with 2,344 jobs and among the ten highest growing. Nurse Practitioners is slated to be the fastest growing occupation statewide, increasing by 54.04 percent and placing third on the Top 20 Growing Industries list. Speech-Language Pathologists, also in the same occupational family, is among the ten fastest projected growing occupations, at a rate of 38.69 percent. The *Health*

Technologists and Technicians family is predicted to experience a growth of 2,884.

Healthcare Support Occupations is projected to add 11,271 jobs by 2030 and be the second fastest growing major group, increasing the workforce by 20.13 percent. The group could see 8,571 total annual openings with 3,672 of the jobs due to employees leaving the workforce, 3,772 from employees changing jobs, and 1,127 from growth and expansion. The *Home Health and Personal Care Aides; and Nursing Assistants, Orderlies, and Psychiatric Aides* is the biggest driver of growth, predicted to add 8,196 jobs. Home Health and Personal Care Aides leads the major group in numeric change and second highest statewide, with 6,445 new jobs anticipated. Nursing Assistants is also projected to see steady growth, making the Top 20 Growing Occupations list with a gain of 1,623. One downside in the **Healthcare Support Occupations** major group is Medical Transcriptionists, which is slated to lose 68 jobs, or 12.85 percent of its workforce. Pharmacy Aides is projected to cut 11.38 percent of its own workforce, or 14 jobs.

The **Protective Service Occupations** major group is expected to add 2,321 jobs over the projection period with 3,153 total annual openings. Of these, 1,193 would be from employees leaving the workforce, and 1,728 coming from those changing jobs. Another 232 are estimated to be from growth and expansion. The *Other Protective Service Workers* minor group leads the major group with 1,071 new jobs anticipated. Within this group, Security Guards is estimated to be the top growing occupation, adding 736 new jobs. Police and Sheriff's Patrol Officers, of the Law Enforcement Workers occupational family, is slated to add 698 new jobs. However, Correctional Officers and Jailers could see a reduction of 227 jobs, or 3.82 percent of its workforce, becoming one of the ten fastest declining industries statewide.

Food Preparation and Serving Related Occupations is estimated to add 21,219 jobs during the projection period, a 21.11 percent increase, making the major group the top and fastest growing in the state. Of the 21,899 annual job openings, 8,482 should be due to

employees leaving the workforce, while 11,295 could come from employees changing jobs. Another 2,122 are related to growth and expansion. The *Food and Beverage Serving Workers* minor group leads the group with 10,906 jobs expected, with Fast Food and Counter Workers adding 6,590 to become the top growing occupation in the state. In all, four occupations make the Top 20 Growing Occupations list, all among the top ten. Fast Food and Counter Workers also leads the state in the number of job separations with the most annual exits and the most job transfers as well as the most annual job openings. Cooks, Restaurant is slated to be the second fastest growing occupation in the major group, increasing employment by 51.77 percent. On the negative side, Cooks, Private Household is slated to cut 7.18 percent of its workforce.

The **Building and Grounds Cleaning and Maintenance Occupations** major group is projected to add 2,997 jobs by 2030. The group should have 6,169 total annual openings with 2,586 jobs due to employees exiting the workforce, 3,283 due to employees changing jobs, and 300 due to growth and expansion. The *Building Cleaning and Pest Control Workers* minor group is expected to add 2,068 jobs with Janitors and Cleaners, Except Maids and Housekeeping Cleaners estimated to add 1,647 of those jobs, placing it on the Top 20 Growing Occupations list. Pesticide Handlers, Sprayers, and Applicators, Vegetation is slated to raise employment levels by 13.94 percent, becoming the fastest growing occupation in the major group.

The **Personal Care and Service Occupations** major group is expected to gain 4,305 jobs over the projection period. Of the 4,511 total annual openings, 1,833 should be due to employees leaving the workforce, while 2,248 would be due to those changing jobs. Another 430 jobs could come from growth and expansion. The *Other Personal Care and Service Workers* minor group leads the major group with 2,009 new jobs expected. Childcare Workers is anticipated to add 1,080 new jobs. Tour and Travel Guides is predicted to be among the ten fastest growing occupations, raising employment by 36.76 percent. Ushers, Lobby Attendants, and Ticket Takers could fare even better, increasing by 43.31 percent, fifth fastest in the state.

The **Sales and Related Occupations** major group is projected to gain 5,028 jobs by the end of 2030. The group is estimated to make available 17,816 jobs annually with 6,887 from employees leaving the workforce, 10,426 related to job change, and 503 due to growth and expansion. The *Sales Representatives, Services* is slated to grow by 2,610 jobs. Driving this growth is Insurance Sales Agents, with an anticipated increase of 2,002 jobs, among the top ten of the Top 20 Growing Occupations list. Retail Salespersons could also experience good growth with 1,917 new jobs between 2020 and 2030. A few downsides in the **Sales and Related Occupations** major group are Cashiers, slated to lose 506 jobs during the projection period, becoming the third highest declining occupations in the state. Telemarketers is predicted to be among the ten fastest declining occupations in the state, losing an estimated 19.60 percent of its workforce.

The **Office and Administrative Support Occupations** major group is expected to gain 1,513 jobs over the projection period, but heavily mixed with some occupational families experiencing gains, while others are expecting job losses. Its 0.95 percent growth is the slowest in the state. Annual openings for this group are estimated to be 17,551. Of these, 7,533 are estimated to come from occupational exits, while 9,867 could come from occupational transfers. Another 151 are forecast to come from growth and expansion. The *Information and Record Clerks* minor group should see the most growth with 1,825 jobs added, while *Other Office and Administrative Support Workers* is estimated to gain 1,045 jobs. Insurance Claims and Policy Processing Clerks leads all occupations in the major group with a gain of 1,002 new jobs, a 15.33 percent gain. Customer Service Representatives is expected to increase by an additional 928 jobs. On the negative side of the local job market, the *Secretaries and Administrative Assistants* occupational family is forecast to lose 1,026 jobs, or 5.31 percent of its workforce. Leading the decline is Secretaries and Administrative Assistants, Except Legal, Medical, and Executive, which could lose 762 jobs, second highest statewide. Seven occupations within this major group are included on the Top 20 Fastest Declining Occupations list with Word Processors and Typists leading the state as the fastest

declining occupation, cutting 32.16 percent of its workforce between 2020 and 2030.

The **Farming, Fishing, and Forestry Occupations** major group is estimated to add 3,411 jobs between 2020 and 2030. The major group is predicting 3,648 total annual openings with 884 due to employees leaving the workforce and 2,423 due to employees changing jobs. Growth and expansion are estimated to account for an additional 341 annual openings. The *Agricultural Workers* minor group drives growth in the major group gaining 3,324 jobs, more than 97 percent of the major group's growth. Farmworkers, Farm, Ranch, and Aquacultural Animals is predicted to add 1,602 jobs and be the fastest growing occupation in the major group, increasing its workforce by 27.98 percent. Farmworkers and Laborers, Crop, Nursery, and Greenhouse is predicted to increase employment by 1,371. On the reverse side of the labor market, Graders and Sorters, Agricultural Products is forecast to lose 62 jobs.

The **Construction and Extraction Occupations** major group is projected to gain 2,759 jobs over the projection period, with 5,409 total annual openings expected. The group is expected to have 1,554 annual openings due to employees leaving the workforce, 3,579 due to employees changing jobs, and 276 due to growth and expansion. The *Construction Trades Workers* minor group is expected to see a large gain with 2,030 jobs expected, equivalent to 73.58 percent of the major group's overall growth. Electricians are slated to gain 575 new jobs, while Construction Laborers could add 571 to its workforce. On the negative side of the labor market, Construction and Building Inspectors is estimated to lose 47 jobs, or 4.77 percent of its workforce.

The **Installation, Maintenance, and Repair Occupations** major group is expected to gain 5,402 jobs by 2030. The major group is estimated to have 6,439 total annual openings with 1,938 due to employees leaving the workforce, 3,961 due to employees changing jobs, and 540 due to growth and expansion. The *Other Installation, Maintenance, and Repair Occupations* minor group could lead the group with 3,891 jobs projected, with Industrial Machinery Mechanics

leading the major group with 1,825 new jobs anticipated, placing in the Top 20 Growing Occupations list and the fastest growing occupation at a rate of 25.82 percent. Maintenance and Repair Workers, General also could experience rapid growth, increasing its workforce by 1,086. On the negative side of the economy, Telecommunications Equipment Installers and Repairers, Except Line Installers could become the top declining occupation in the major group with a loss of 66 jobs. Home Appliance Repairers is slated to be the fastest declining occupation, cutting 13.38 percent of its workforce by 2030, placing on the Top 20 Fastest Declining Occupations list.

The **Production Occupations** major group is projected to add 3,197 jobs between 2020 and 2030. The group is expected to experience 13,111 total annual openings with 4,326 due to occupational exits and 8,465 due to occupational transfers. Another 320 could come from growth and expansion. The *Food Processing Workers* minor group leads the major group with 1,335 new jobs expected. Driving this growth is Meat, Poultry, and Fish Cutters and Trimmers, which is estimated to add 611 jobs. Leading the major group in numeric growth is First-Line Supervisors of Production and Operating Workers, anticipated to gain 681 jobs. Computer Numerically Controlled Tool Programmers is slated to be the fastest growing occupation in Production Occupations, increasing its workforce by 26.92 percent. On

the reverse side of the labor market, *Assemblers and Fabricators* is predicted to lose 621 jobs. Inspectors, Testers, Sorters, Samplers, and Weighers is estimated to be the top declining industry in the major group, losing 479 jobs, or 7.82 percent of its workforce. Cutters and Trimmers, Hand is forecast to reduce its already small workforce by 25.93 percent, becoming the fastest declining industry in **Production Occupations** and second fastest statewide.

The **Transportation and Material Moving Occupations** major group is estimated to gain 14,053 jobs during the projection period, the second highest in the state. With 19,037 total annual openings expected, 6,555 could come from employees leaving the workforce, while 11,077 would come from those changing jobs. Growth and expansion are estimated to account for 1,405 annual job openings. The *Material Moving Workers* occupational family is estimated to grow by 6,962 jobs, while the *Motor Vehicle Operators* family is estimated to add 6,523 jobs. Heavy and Tractor-Trailer Truck Drivers leads the group with 3,056 new jobs, while Stockers and Order Fillers is estimated to add an additional 2,699, placing fifth and sixth on the Top 20 Growing Occupations list, respectively. Passenger Vehicle Drivers, Except Bus Drivers, Transit and Intercity is slated to increase its workforce by 22.52 percent to become the fastest growing occupation in the major group.

Top 20 Growing Occupations by Numeric Change

Standard Occupational Classification		Employment		Change		Annual Separations		Annual Openings	
Code	Title	2020 Estimated Employment	2030 Projected Employment	Numeric	Percent	Exits	Transfers	Change	Total
35-3023	Fast Food and Counter Workers	36,376	42,966	6,590	18.12%	3,846	4,194	659	8,699
31-1120	Home Health and Personal Care Aides	21,902	28,347	6,445	29.43%	1,608	1,422	644	3,674
35-2014	Cooks, Restaurant	9,277	14,080	4,803	51.77%	687	1,000	480	2,167
35-3031	Waiters and Waitresses	17,013	20,639	3,626	21.31%	1,382	2,248	363	3,993
53-3032	Heavy and Tractor-Trailer Truck Drivers	38,782	41,838	3,056	7.88%	1,651	2,733	306	4,690
53-7065	Stockers and Order Fillers	20,212	22,911	2,699	13.35%	1,227	2,103	270	3,600
11-1021	General and Operations Managers	22,345	25,044	2,699	12.08%	473	1,469	270	2,212
35-1012	First-Line Supervisors of Food Preparation and Serving Workers	10,492	12,876	2,384	22.72%	521	1,191	238	1,950
29-1141	Registered Nurses	25,892	28,236	2,344	9.05%	722	681	234	1,637
41-3021	Insurance Sales Agents	9,747	11,749	2,002	20.54%	358	601	200	1,159
41-2031	Retail Salespersons	37,390	39,307	1,917	5.13%	2,144	3,168	192	5,504
53-7062	Laborers and Freight, Stock, and Material Movers, Hand	20,378	22,278	1,900	9.32%	933	1,856	190	2,979
53-3058	Passenger Vehicle Drivers, Except Bus Drivers, Transit and Intercity	8,413	10,308	1,895	22.52%	616	465	190	1,271
15-1256	Software Developers and Software Quality Assurance Analysts and Testers	8,699	10,581	1,882	21.63%	224	473	188	885
11-9111	Medical and Health Services Managers	5,801	7,667	1,866	32.17%	168	342	187	697
49-9041	Industrial Machinery Mechanics	7,069	8,894	1,825	25.82%	245	431	182	858
37-2011	Janitors and Cleaners, Except Maids and Housekeeping Cleaners	21,190	22,837	1,647	7.77%	1,374	1,543	165	3,082
31-1131	Nursing Assistants	18,428	20,051	1,623	8.81%	1,232	1,089	162	2,483
45-2093	Farmworkers, Farm, Ranch, and Aquacultural Animals	5,726	7,328	1,602	27.98%	276	746	160	1,182
29-1171	Nurse Practitioners	2,800	4,313	1,513	54.04%	74	112	151	337

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

Standard Occupational Classification		Employment		Change		Annual Separations		Annual Openings	
Code	Title	2020 Estimated Employment	2030 Projected Employment	Numeric	Percent	Exits	Transfers	Change	Total
29-1171	Nurse Practitioners	2,800	4,313	1,513	54.04%	74	112	151	337
35-2014	Cooks, Restaurant	9,277	14,080	4,803	51.77%	687	1,000	480	2,167
13-1131	Fundraisers	1,187	1,752	565	47.60%	46	93	56	195
31-2011	Occupational Therapy Assistants	341	490	149	43.70%	21	30	15	66
39-3031	Ushers, Lobby Attendants, and Ticket Takers	568	814	246	43.31%	88	70	25	183
15-2031	Operations Research Analysts	364	505	141	38.74%	9	19	14	42
29-1127	Speech-Language Pathologists	2,029	2,814	785	38.69%	56	87	78	221
31-2021	Physical Therapist Assistants	1,425	1,956	531	37.26%	72	128	53	253
39-7010	Tour and Travel Guides	272	372	100	36.76%	21	30	10	61
25-2011	Preschool Teachers, Except Special Education	3,817	5,208	1,391	36.44%	185	263	139	587
25-4012	Curators	113	154	41	36.28%	7	8	4	19
17-2131	Materials Engineers	159	216	57	35.85%	4	7	6	17
13-1081	Logisticians	1,719	2,316	597	34.73%	42	131	60	233
15-1212	Information Security Analysts	850	1,136	286	33.65%	15	55	29	99
29-9098	Health Information Technologists, Medical Registrars, Surgical Assistants, & Healthcare Practitioners, AO	3,192	4,264	1,072	33.58%	102	160	107	369
11-9111	Medical and Health Services Managers	5,801	7,667	1,866	32.17%	168	342	187	697
29-1071	Physician Assistants	589	776	187	31.75%	11	27	19	57
15-2041	Statisticians	507	666	159	31.36%	12	29	16	57
35-3011	Bartenders	1,819	2,376	557	30.62%	95	254	56	405
13-1075	Labor Relations Specialists	431	562	131	30.39%	13	33	13	59

Top 20 Occupations by Annual Exits

Standard Occupational Classification		Employment		Change		Annual Separations		Annual Openings	
Code	Title	2020 Estimated Employment	2030 Projected Employment	Numeric	Percent	Exits	Transfers	Change	Total
35-3023	Fast Food and Counter Workers	36,376	42,966	6,590	18.12%	3,846	4,194	659	8,699
11-9013	Farmers, Ranchers, and Other Agricultural Managers	46,341	44,427	-1,914	-4.13%	2,800	1,577	-191	4,186
41-2011	Cashiers	27,513	27,007	-506	-1.84%	2,319	2,610	-51	4,878
41-2031	Retail Salespersons	37,390	39,307	1,917	5.13%	2,144	3,168	192	5,504
53-3032	Heavy and Tractor-Trailer Truck Drivers	38,782	41,838	3,056	7.88%	1,651	2,733	306	4,690
31-1120	Home Health and Personal Care Aides	21,902	28,347	6,445	29.43%	1,608	1,422	644	3,674
43-9061	Office Clerks, General	27,418	27,437	19	0.07%	1,497	1,626	2	3,125
35-3031	Waiters and Waitresses	17,013	20,639	3,626	21.31%	1,382	2,248	363	3,993
37-2011	Janitors and Cleaners, Except Maids and Housekeeping Cleaners	21,190	22,837	1,647	7.77%	1,374	1,543	165	3,082
31-1131	Nursing Assistants	18,428	20,051	1,623	8.81%	1,232	1,089	162	2,483
53-7065	Stockers and Order Fillers	20,212	22,911	2,699	13.35%	1,227	2,103	270	3,600
53-7062	Laborers and Freight, Stock, and Material Movers, Hand	20,378	22,278	1,900	9.32%	933	1,856	190	2,979
43-4051	Customer Service Representatives	17,190	18,118	928	5.40%	830	1,388	93	2,311
43-6014	Secretaries and Administrative Assistants, Except Legal, Medical, and Executive	14,829	14,067	-762	-5.14%	735	807	-76	1,466
29-1141	Registered Nurses	25,892	28,236	2,344	9.05%	722	681	234	1,637
43-3031	Bookkeeping, Accounting, and Auditing Clerks	12,322	12,267	-55	-0.45%	720	628	-6	1,342
39-9011	Childcare Workers	9,687	10,767	1,080	11.15%	688	715	108	1,511
35-2014	Cooks, Restaurant	9,277	14,080	4,803	51.77%	687	1,000	480	2,167
37-2012	Maids and Housekeeping Cleaners	9,979	10,258	279	2.80%	687	651	28	1,366
43-4171	Receptionists and Information Clerks	11,563	12,221	658	5.69%	664	822	66	1,552

Top 20 Occupations by Annual Transfers

Standard Occupational Classification		Employment		Change		Annual Separations		Annual Openings	
Code	Title	2020 Estimated Employment	2030 Projected Employment	Numeric	Percent	Exits	Transfers	Change	Total
35-3023	Fast Food and Counter Workers	36,376	42,966	6,590	18.12%	3,846	4,194	659	8,699
41-2031	Retail Salespersons	37,390	39,307	1,917	5.13%	2,144	3,168	192	5,504
53-3032	Heavy and Tractor-Trailer Truck Drivers	38,782	41,838	3,056	7.88%	1,651	2,733	306	4,690
41-2011	Cashiers	27,513	27,007	-506	-1.84%	2,319	2,610	-51	4,878
35-3031	Waiters and Waitresses	17,013	20,639	3,626	21.31%	1,382	2,248	363	3,993
53-7065	Stockers and Order Fillers	20,212	22,911	2,699	13.35%	1,227	2,103	270	3,600
53-7062	Laborers and Freight, Stock, and Material Movers, Hand	20,378	22,278	1,900	9.32%	933	1,856	190	2,979
43-9061	Office Clerks, General	27,418	27,437	19	0.07%	1,497	1,626	2	3,125
11-9013	Farmers, Ranchers, and Other Agricultural Managers	46,341	44,427	-1,914	-4.13%	2,800	1,577	-191	4,186
37-2011	Janitors and Cleaners, Except Maids and Housekeeping Cleaners	21,190	22,837	1,647	7.77%	1,374	1,543	165	3,082
11-1021	General and Operations Managers	22,345	25,044	2,699	12.08%	473	1,469	270	2,212
31-1120	Home Health and Personal Care Aides	21,902	28,347	6,445	29.43%	1,608	1,422	644	3,674
43-4051	Customer Service Representatives	17,190	18,118	928	5.40%	830	1,388	93	2,311
35-1012	First-Line Supervisors of Food Preparation and Serving Workers	10,492	12,876	2,384	22.72%	521	1,191	238	1,950
31-1131	Nursing Assistants	18,428	20,051	1,623	8.81%	1,232	1,089	162	2,483
41-1011	First-Line Supervisors of Retail Sales Workers	15,186	15,001	-185	-1.22%	533	1,046	-18	1,561
35-2014	Cooks, Restaurant	9,277	14,080	4,803	51.77%	687	1,000	480	2,167
41-4012	Sales Representatives, Wholesale and Manufacturing, Except Technical and Scientific Products	12,540	13,148	608	4.85%	380	868	61	1,309
45-2092	Farmworkers and Laborers, Crop, Nursery, and Greenhouse	6,889	8,260	1,371	19.90%	321	866	137	1,324
51-9198	Helpers--Production Workers	8,995	9,073	78	0.87%	424	851	8	1,283

Top 20 Occupations by Total Annual Openings

Standard Occupational Classification		Employment		Change		Annual Separations		Annual Openings	
Code	Title	2020 Estimated Employment	2030 Projected Employment	Numeric	Percent	Exits	Transfers	Change	Total
35-3023	Fast Food and Counter Workers	36,376	42,966	6,590	18.12%	3,846	4,194	659	8,699
41-2031	Retail Salespersons	37,390	39,307	1,917	5.13%	2,144	3,168	192	5,504
41-2011	Cashiers	27,513	27,007	-506	-1.84%	2,319	2,610	-51	4,878
53-3032	Heavy and Tractor-Trailer Truck Drivers	38,782	41,838	3,056	7.88%	1,651	2,733	306	4,690
11-9013	Farmers, Ranchers, and Other Agricultural Managers	46,341	44,427	-1,914	-4.13%	2,800	1,577	-191	4,186
35-3031	Waiters and Waitresses	17,013	20,639	3,626	21.31%	1,382	2,248	363	3,993
31-1120	Home Health and Personal Care Aides	21,902	28,347	6,445	29.43%	1,608	1,422	644	3,674
53-7065	Stockers and Order Fillers	20,212	22,911	2,699	13.35%	1,227	2,103	270	3,600
43-9061	Office Clerks, General	27,418	27,437	19	0.07%	1,497	1,626	2	3,125
37-2011	Janitors and Cleaners, Except Maids and Housekeeping Cleaners	21,190	22,837	1,647	7.77%	1,374	1,543	165	3,082
53-7062	Laborers and Freight, Stock, and Material Movers, Hand	20,378	22,278	1,900	9.32%	933	1,856	190	2,979
31-1131	Nursing Assistants	18,428	20,051	1,623	8.81%	1,232	1,089	162	2,483
43-4051	Customer Service Representatives	17,190	18,118	928	5.40%	830	1,388	93	2,311
11-1021	General and Operations Managers	22,345	25,044	2,699	12.08%	473	1,469	270	2,212
35-2014	Cooks, Restaurant	9,277	14,080	4,803	51.77%	687	1,000	480	2,167
35-1012	First-Line Supervisors of Food Preparation and Serving Workers	10,492	12,876	2,384	22.72%	521	1,191	238	1,950
29-1141	Registered Nurses	25,892	28,236	2,344	9.05%	722	681	234	1,637
41-1011	First-Line Supervisors of Retail Sales Workers	15,186	15,001	-185	-1.22%	533	1,046	-18	1,561
43-4171	Receptionists and Information Clerks	11,563	12,221	658	5.69%	664	822	66	1,552
39-9011	Childcare Workers	9,687	10,767	1,080	11.15%	688	715	108	1,511

Top 20 Declining Occupations by Numeric Change

Standard Occupational Classification		Employment		Change		Annual Separations		Annual Openings	
Code	Title	2020 Estimated Employment	2030 Projected Employment	Numeric	Percent	Exits	Transfers	Change	Total
11-9013	Farmers, Ranchers, and Other Agricultural Managers	46,341	44,427	-1,914	-4.13%	2,800	1,577	-191	4,186
43-6014	Secretaries and Administrative Assistants, Except Legal, Medical, and Executive	14,829	14,067	-762	-5.14%	735	807	-76	1,466
41-2011	Cashiers	27,513	27,007	-506	-1.84%	2,319	2,610	-51	4,878
51-9061	Inspectors, Testers, Sorters, Samplers, and Weighers	6,127	5,648	-479	-7.82%	226	467	-48	645
43-3071	Tellers	5,206	4,728	-478	-9.18%	202	312	-48	466
51-2090	Miscellaneous Assemblers and Fabricators	11,989	11,524	-465	-3.88%	449	839	-46	1,242
43-6011	Executive Secretaries and Executive Administrative Assistants	2,010	1,700	-310	-15.42%	94	104	-31	167
43-4111	Interviewers, Except Eligibility and Loan	3,287	3,010	-277	-8.43%	182	203	-28	357
41-9041	Telemarketers	1,260	1,013	-247	-19.60%	52	116	-25	143
33-3012	Correctional Officers and Jailers	5,950	5,723	-227	-3.82%	220	316	-23	513
13-1020	Buyers and Purchasing Agents	3,910	3,687	-223	-5.70%	129	244	-22	351
43-5052	Postal Service Mail Carriers	3,169	2,978	-191	-6.03%	107	110	-19	198
41-1011	First-Line Supervisors of Retail Sales Workers	15,186	15,001	-185	-1.22%	533	1,046	-18	1,561
43-9021	Data Entry Keyers	931	749	-182	-19.55%	37	53	-18	72
41-1012	First-Line Supervisors of Non-Retail Sales Workers	3,472	3,307	-165	-4.75%	98	201	-16	283
43-6012	Legal Secretaries	699	559	-140	-20.03%	32	35	-14	53
51-9196	Paper Goods Machine Setters, Operators, and Tenders	2,584	2,446	-138	-5.34%	113	167	-14	266
51-5112	Printing Press Operators	1,664	1,542	-122	-7.33%	58	113	-12	159
43-3011	Bill and Account Collectors	2,215	2,100	-115	-5.19%	79	153	-12	220
43-3051	Payroll and Timekeeping Clerks	970	858	-112	-11.55%	43	50	-11	82

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

Standard Occupational Classification		Employment		Change		Annual Separations		Annual Openings	
Code	Title	2020 Estimated Employment	2030 Projected Employment	Numeric	Percent	Exits	Transfers	Change	Total
43-9022	Word Processors and Typists	171	116	-55	-32.16%	9	8	-6	11
51-9031	Cutters and Trimmers, Hand	27	20	-7	-25.93%	1	2	-1	2
43-2011	Switchboard Operators, Including Answering Service	467	362	-105	-22.48%	22	24	-10	36
51-2021	Coil Winders, Tapers, and Finishers	334	261	-73	-21.86%	12	19	-7	24
43-6012	Legal Secretaries	699	559	-140	-20.03%	32	35	-14	53
51-2031	Engine and Other Machine Assemblers	540	432	-108	-20.00%	17	36	-11	42
41-9041	Telemarketers	1,260	1,013	-247	-19.60%	52	116	-25	143
43-9021	Data Entry Keyers	931	749	-182	-19.55%	37	53	-18	72
43-6011	Executive Secretaries and Executive Administrative Assistants	2,010	1,700	-310	-15.42%	94	104	-31	167
51-6062	Textile Cutting Machine Setters, Operators, and Tenders	66	56	-10	-15.15%	3	4	-1	6
43-4151	Order Clerks	326	278	-48	-14.72%	13	19	-5	27
51-6021	Pressers, Textile, Garment, and Related Materials	226	195	-31	-13.72%	9	13	-3	19
49-9031	Home Appliance Repairers	314	272	-42	-13.38%	11	17	-4	24
51-6064	Textile Winding, Twisting, and Drawing Out Machine Setters, Operators, and Tenders	329	285	-44	-13.37%	16	20	-4	32
51-5113	Print Binding and Finishing Workers	382	332	-50	-13.09%	18	22	-5	35
31-9094	Medical Transcriptionists	529	461	-68	-12.85%	26	43	-7	62
51-6031	Sewing Machine Operators	640	558	-82	-12.81%	36	32	-8	60
43-3051	Payroll and Timekeeping Clerks	970	858	-112	-11.55%	43	50	-11	82
27-1023	Floral Designers	295	261	-34	-11.53%	8	16	-3	21
31-9095	Pharmacy Aides	123	109	-14	-11.38%	6	9	-1	14

2020-2030 Statewide Occupational Projections

Standard Occupational Classification		Employment		Change		Annual Separations		Annual Openings		Education/Training Assignment		
Code	Title	2020 Estimated	2030 Projected	Numeric	Percent	Exits	Transfers	Change	Total	Education	Work Experience	Job Training
00-0000	TOTAL, ALL OCCUPATIONS	1,374,448	1,498,835	124,387	9.05%	62,624	94,538	12,439	169,601			
11-0000	MANAGEMENT OCCUPATIONS	121,066	128,900	7,834	6.47%	4,630	5,958	783	11,371			
11-1000	Top Executives	26,863	29,727	2,864	10.66%	593	1,667	286	2,546			
11-1011	Chief Executives	3,139	3,142	3	0.10%	86	127	0	213	BD	5+	None
11-1021	General and Operations Managers	22,345	25,044	2,699	12.08%	473	1,469	270	2,212	BD	5+	None
11-1031	Legislators	1,379	1,541	162	11.75%	34	72	16	122	BD	<5	None
11-2000	Advertising, Marketing, Promotions, Public Relations, and Sales Managers	3,403	3,736	333	9.79%	74	223	33	330			
11-2011	Advertising and Promotions Managers	69	77	8	11.59%	1	6	1	8	BD	<5	None
11-2021	Marketing Managers	963	1,051	88	9.14%	20	64	9	93	BD	5+	None
11-2022	Sales Managers	1,929	2,068	139	7.21%	40	126	14	180	BD	<5	None
11-2030	Public Relations and Fundraising Managers	442	540	98	22.17%	13	28	10	51	BD	5+	None
11-3000	Operations Specialties Managers	16,687	19,000	2,313	13.86%	382	928	231	1,541			
11-3010	Administrative Services and Facilities Managers	3,305	3,643	338	10.23%	99	174	34	307	BD	<5	None
11-3021	Computer and Information Systems Managers	2,653	3,010	357	13.46%	46	161	36	243	BD	5+	None
11-3031	Financial Managers	5,470	6,656	1,186	21.68%	124	305	119	548	BD	5+	None
11-3051	Industrial Production Managers	1,893	2,029	136	7.18%	38	92	14	144	BD	5+	None
11-3061	Purchasing Managers	737	773	36	4.88%	16	41	4	61	BD	5+	None
11-3071	Transportation, Storage, and Distribution Managers	1,035	1,134	99	9.57%	21	60	10	91	HS	5+	None
11-3111	Compensation and Benefits Managers	149	151	2	1.34%	3	8	0	11	BD	5+	None
11-3121	Human Resources Managers	1,143	1,260	117	10.24%	28	67	12	107	BD	5+	None
11-3131	Training and Development Managers	302	344	42	13.91%	7	21	4	32	BD	5+	None
11-9000	Other Management Occupations	74,113	76,437	2,324	3.14%	3,581	3,139	232	6,952			
11-9013	Farmers, Ranchers, and Other Agricultural Managers	46,341	44,427	-1,914	-4.13%	2,800	1,577	-191	4,186	HS	5+	None
11-9021	Construction Managers	3,566	3,957	391	10.96%	78	190	39	307	BD	None	MTOJT
11-9031	Education Administrators, Preschool and Childcare Center/Program	556	706	150	26.98%	16	29	15	60	BD	<5	None

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Standard Occupational Classification		Employment		Change		Annual Separations		Annual Openings		Education/Training Assignment		
Code	Title	2020 Estimated	2030 Projected	Numeric	Percent	Exits	Transfers	Change	Total	Education	Work Experience	Job Training
11-9032	Education Administrators, Elementary and Secondary School	2,175	2,369	194	8.92%	56	106	19	181	MD	5+	None
11-9033	Education Administrators, Postsecondary	1,351	1,454	103	7.62%	35	65	10	110	MD	<5	None
11-9039	Education Administrators, All Other	655	724	69	10.53%	17	32	7	56	BD	<5	None
11-9041	Architectural and Engineering Managers	834	899	65	7.79%	16	44	6	66	BD	5+	None
11-9051	Food Service Managers	2,855	3,306	451	15.80%	94	246	45	385	HS	<5	None
11-9081	Lodging Managers	678	724	46	6.78%	27	48	5	80	HS	<5	None
11-9111	Medical and Health Services Managers	5,801	7,667	1,866	32.17%	168	342	187	697	BD	<5	None
11-9121	Natural Sciences Managers	289	294	5	1.73%	6	14	0	20	BD	5+	None
11-9131	Postmasters and Mail Superintendents	191	179	-12	-6.28%	4	9	-1	12	HS	<5	MTOJT
11-9141	Property, Real Estate, and Community Association Managers	2,363	2,440	77	3.26%	91	91	8	190	HS	<5	None
11-9151	Social and Community Service Managers	1,666	1,962	296	17.77%	54	97	30	181	BD	<5	None
11-9161	Emergency Management Directors	153	168	15	9.80%	6	8	2	16	BD	5+	None
11-9198	Personal Service Managers; Entertainment & Recreation Managers, Except Gambling; and Managers, All Other	4,551	5,064	513	11.27%	112	236	51	399	BD	<5	None
13-0000	BUSINESS AND FINANCIAL OPERATIONS OCCUPATIONS	64,080	71,881	7,801	12.17%	1,810	3,931	780	6,521			
13-1000	Business Operations Specialists	44,830	50,595	5,765	12.86%	1,283	2,813	576	4,672			
13-1020	Buyers and Purchasing Agents	3,910	3,687	-223	-5.70%	129	244	-22	351	BD	None	MTOJT
13-1031	Claims Adjusters, Examiners, and Investigators	2,252	2,362	110	4.88%	54	120	11	185	HS	None	LTOJT
13-1041	Compliance Officers	3,125	3,410	285	9.12%	79	174	28	281	BD	None	MTOJT
13-1051	Cost Estimators	1,071	1,086	15	1.40%	30	65	2	97	BD	None	MTOJT
13-1071	Human Resources Specialists	4,011	4,407	396	9.87%	114	280	40	434	BD	None	None
13-1075	Labor Relations Specialists	431	562	131	30.39%	13	33	13	59	BD	<5	None
13-1081	Logisticians	1,719	2,316	597	34.73%	42	131	60	233	BD	None	None
13-1111	Management Analysts	6,806	7,974	1,168	17.16%	238	425	117	780	BD	<5	None

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Standard Occupational Classification		Employment		Change		Annual Separations		Annual Openings		Education/Training Assignment		
Code	Title	2020 Estimated	2030 Projected	Numeric	Percent	Exits	Transfers	Change	Total	Education	Work Experience	Job Training
13-1121	Meeting, Convention, and Event Planners	652	814	162	24.85%	22	54	16	92	BD	None	None
13-1131	Fundraisers	1,187	1,752	565	47.60%	46	93	56	195	BD	None	None
13-1141	Compensation, Benefits, and Job Analysis Specialists	648	720	72	11.11%	20	40	7	67	BD	<5	None
13-1151	Training and Development Specialists	3,008	3,454	446	14.83%	97	198	45	340	BD	<5	None
13-1161	Market Research Analysts and Marketing Specialists	4,494	5,553	1,059	23.56%	119	367	106	592	BD	None	None
13-1198	Project Management Specialists and Business Operations Specialists, All Other	11,489	12,465	976	8.50%	278	587	98	963	BD	None	None
13-2000	Financial Specialists	19,250	21,286	2,036	10.58%	527	1,118	204	1,849			
13-2011	Accountants and Auditors	8,185	9,142	957	11.69%	242	513	96	851	BD	None	None
13-2020	Property Appraisers and Assessors	655	700	45	6.87%	26	25	4	55	BD	None	LTOJT
13-2031	Budget Analysts	486	501	15	3.09%	12	26	2	40	BD	None	None
13-2041	Credit Analysts	300	304	4	1.33%	5	20	0	25	BD	None	None
13-2052	Personal Financial Advisors	1,380	1,471	91	6.59%	32	70	9	111	BD	None	LTOJT
13-2053	Insurance Underwriters	2,027	2,355	328	16.18%	45	114	33	192	BD	None	MTOJT
13-2061	Financial Examiners	477	599	122	25.58%	14	25	12	51	BD	None	LTOJT
13-2071	Credit Counselors	108	126	18	16.67%	2	6	2	10	BD	None	MTOJT
13-2072	Loan Officers	3,084	3,385	301	9.76%	69	176	30	275	BD	<5	MTOJT
13-2081	Tax Examiners and Collectors, and Revenue Agents	479	498	19	3.97%	19	22	2	43	BD	None	MTOJT
13-2082	Tax Preparers	621	651	30	4.83%	35	35	3	73	HS	None	MTOJT
13-2098	Financial and Investment Analysts, Financial Risk Specialists, and Financial Specialists, All Other	1,448	1,554	106	7.32%	26	86	11	123	BD	None	None
15-0000	COMPUTER AND MATHEMATICAL OCCUPATIONS	25,975	29,734	3,759	14.47%	572	1,378	376	2,326			
15-1200	Computer Occupations	24,710	28,045	3,335	13.50%	542	1,309	334	2,185			
15-1211	Computer Systems Analysts	2,845	3,160	315	11.07%	59	148	32	239	BD	None	None
15-1212	Information Security Analysts	850	1,136	286	33.65%	15	55	29	99	BD	<5	None
15-1221	Computer and Information Research Scientists	65	78	13	20.00%	1	4	1	6	MD	None	None

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Standard Occupational Classification		Employment		Change		Annual Separations		Annual Openings		Education/Training Assignment		
Code	Title	2020 Estimated	2030 Projected	Numeric	Percent	Exits	Transfers	Change	Total	Education	Work Experience	Job Training
15-1231	Computer Network Support Specialists	1,271	1,374	103	8.10%	25	70	10	105	AD	None	None
15-1232	Computer User Support Specialists	3,855	4,217	362	9.39%	76	214	36	326	SC	None	None
15-1241	Computer Network Architects	845	910	65	7.69%	12	40	6	58	BD	5+	None
15-1244	Network and Computer Systems Administrators	2,090	2,186	96	4.59%	36	101	10	147	BD	None	None
15-1245	Database Administrators and Architects	860	933	73	8.49%	21	44	7	72	BD	None	None
15-1251	Computer Programmers	1,588	1,501	-87	-5.48%	31	70	-9	92	BD	None	None
15-1256	Software Developers and Software Quality Assurance Analysts and Testers	8,699	10,581	1,882	21.63%	224	473	188	885	BD	None	None
15-1257	Web Developers and Digital Interface Designers	811	952	141	17.39%	20	43	14	77	BD	None	None
15-1299	Computer Occupations, All Other	931	1,017	86	9.24%	23	48	9	80	BD	None	None
15-2000	Mathematical Science Occupations	1,265	1,689	424	33.52%	30	69	42	141			
15-2031	Operations Research Analysts	364	505	141	38.74%	9	19	14	42	BD	None	None
15-2041	Statisticians	507	666	159	31.36%	12	29	16	57	MD	None	None
17-0000	ARCHITECTURE AND ENGINEERING OCCUPATIONS	11,704	12,700	996	8.51%	301	606	100	1,007			
17-1000	Architects, Surveyors, and Cartographers	1,475	1,560	85	5.76%	44	67	8	119			
17-1011	Architects, Except Landscape and Naval	988	1,052	64	6.48%	28	43	6	77	BD	None	I/R
17-1012	Landscape Architects	80	84	4	5.00%	2	4	0	6	BD	None	I/R
17-1021	Cartographers and Photogrammetrists	63	66	3	4.76%	2	3	0	5	BD	None	None
17-1022	Surveyors	344	358	14	4.07%	12	17	1	30	BD	None	I/R
17-2000	Engineers	6,887	7,637	750	10.89%	150	311	75	536			
17-2031	Biomedical Engineers	29	31	2	6.90%	1	1	0	2	BD	None	None
17-2041	Chemical Engineers	133	160	27	20.30%	3	5	3	11	BD	None	None
17-2051	Civil Engineers	1,465	1,621	156	10.65%	31	77	16	124	BD	None	None
17-2061	Computer Hardware Engineers	237	243	6	2.53%	5	11	1	17	BD	None	None
17-2071	Electrical Engineers	810	881	71	8.77%	20	34	7	61	BD	None	None
17-2072	Electronics Engineers, Except Computer	310	336	26	8.39%	8	13	3	24	BD	None	None
17-2081	Environmental Engineers	135	146	11	8.15%	3	7	1	11	BD	None	None
17-2111	Health and Safety Engineers, Except Mining Safety Engineers and Inspectors	107	115	8	7.48%	2	4	1	7	BD	None	None

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Standard Occupational Classification		Employment		Change		Annual Separations		Annual Openings		Education/Training Assignment		
Code	Title	2020 Estimated	2030 Projected	Numeric	Percent	Exits	Transfers	Change	Total	Education	Work Experience	Job Training
17-2112	Industrial Engineers	1,616	1,851	235	14.54%	38	69	24	131	BD	None	None
17-2131	Materials Engineers	159	216	57	35.85%	4	7	6	17	BD	None	None
17-2141	Mechanical Engineers	1,236	1,358	122	9.87%	22	53	12	87	BD	None	None
17-2151	Mining and Geological Engineers, Including Mining Safety Engineers	26	26	0	0.00%	0	1	0	1	BD	None	None
17-2171	Petroleum Engineers	39	44	5	12.82%	1	2	0	3	BD	None	None
17-2199	Engineers, All Other	428	462	34	7.94%	9	18	3	30	BD	None	None
17-3000	<i>Drafters, Engineering Technicians, and Mapping Technicians</i>	3,342	3,503	161	4.82%	106	228	16	350			
17-3011	Architectural and Civil Drafters	577	586	9	1.56%	18	37	1	56	AD	None	None
17-3012	Electrical and Electronics Drafters	95	100	5	5.26%	3	6	0	9	AD	None	None
17-3013	Mechanical Drafters	265	265	0	0.00%	8	17	0	25	AD	None	None
17-3022	Civil Engineering Technicians	250	263	13	5.20%	8	16	1	25	AD	None	None
17-3023	Electrical and Electronics Engineering Technicians	332	344	12	3.61%	10	21	1	32	AD	None	None
17-3025	Environmental Engineering Technicians	258	257	-1	-0.39%	8	16	0	24	AD	None	None
17-3026	Industrial Engineering Technicians	483	521	38	7.87%	15	31	4	50	AD	None	None
17-3027	Mechanical Engineering Technicians	95	106	11	11.58%	3	6	1	10	AD	None	None
17-3031	Surveying and Mapping Technicians	583	627	44	7.55%	21	52	4	77	HS	None	MTOJT
17-3098	Calibration and Engineering Technologists and Technicians, Except Drafters, All Other	366	396	30	8.20%	11	23	3	37	AD	None	None
19-0000	LIFE, PHYSICAL, AND SOCIAL SCIENCE OCCUPATIONS	8,320	8,908	588	7.07%	187	624	59	870			
19-1000	<i>Life Scientists</i>	2,234	2,379	145	6.49%	42	167	14	223			
19-1012	Food Scientists and Technologists	399	423	24	6.02%	9	34	2	45	BD	None	None
19-1013	Soil and Plant Scientists	185	203	18	9.73%	4	16	2	22	BD	None	None
19-1022	Microbiologists	295	310	15	5.08%	5	21	2	28	BD	None	None
19-1029	Biological Scientists, All Other	287	285	-2	-0.70%	5	20	0	25	BD	None	None
19-1031	Conservation Scientists	202	207	5	2.48%	4	15	0	19	BD	None	None
19-1032	Foresters	354	364	10	2.82%	7	26	1	34	BD	None	None
19-1041	Epidemiologists	45	63	18	40.00%	1	3	2	6	MD	None	None

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Standard Occupational Classification		Employment		Change		Annual Separations		Annual Openings		Education/Training Assignment		
Code	Title	2020 Estimated	2030 Projected	Numeric	Percent	Exits	Transfers	Change	Total	Education	Work Experience	Job Training
19-1042	Medical Scientists, Except Epidemiologists	220	268	48	21.82%	3	14	5	22	DD	None	None
19-2000	Physical Scientists	847	882	35	4.13%	14	64	4	82			
19-2021	Atmospheric and Space Scientists	49	46	-3	-6.12%	1	3	0	4	BD	None	None
19-2031	Chemists	356	370	14	3.93%	5	27	1	33	BD	None	None
19-2041	Environmental Scientists and Specialists, Including Health	198	216	18	9.09%	3	16	2	21	BD	None	None
19-2042	Geoscientists, Except Hydrologists and Geographers	121	133	12	9.92%	2	10	1	13	BD	None	None
19-2043	Hydrologists	20	20	0	0.00%	0	2	0	2	BD	None	None
19-2099	Physical Scientists, All Other	36	37	1	2.78%	0	2	0	2	BD	None	None
19-3000	Social Scientists and Related Workers	1,632	1,774	142	8.70%	41	80	14	135			
19-3011	Economists	84	86	2	2.38%	2	4	0	6	MD	None	None
19-3031	Clinical, Counseling, and School Psychologists	789	884	95	12.04%	22	33	10	65	DD	None	I/R
19-3039	Psychologists, All Other	340	340	0	0.00%	9	13	0	22	MD	None	I/R
19-3051	Urban and Regional Planners	156	197	41	26.28%	3	12	4	19	MD	None	None
19-3091	Anthropologists and Archeologists	33	33	0	0.00%	1	2	0	3	MD	None	None
19-3099	Social Scientists and Related Workers, All Other	191	194	3	1.57%	4	13	0	17	BD	None	None
19-4000	Life, Physical, and Social Science Technicians	2,775	2,984	209	7.53%	68	276	21	365			
19-4010	Agricultural and Food Science Technicians	516	560	44	8.53%	12	56	4	72	AD	None	MTOJT
19-4021	Biological Technicians	358	380	22	6.15%	9	37	2	48	BD	None	None
19-4031	Chemical Technicians	568	621	53	9.33%	10	54	5	69	AD	None	MTOJT
19-4042	Environmental Science and Protection Technicians, Including Health	132	150	18	13.64%	4	13	2	19	AD	None	None
19-4061	Social Science Research Assistants	83	87	4	4.82%	2	8	0	10	BD	None	None
19-4071	Forest and Conservation Technicians	277	280	3	1.08%	7	26	0	33	AD	None	None
19-4092	Forensic Science Technicians	172	198	26	15.12%	5	17	3	25	BD	None	MTOJT
19-4099	Life, Physical, and Social Science Technicians, All Other	617	656	39	6.32%	17	60	4	81	AD	None	None
19-5000	Occupational Health and Safety Specialists and Technicians	832	889	57	6.85%	23	37	6	66			

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Standard Occupational Classification		Employment		Change		Annual Separations		Annual Openings		Education/Training Assignment		
Code	Title	2020 Estimated	2030 Projected	Numeric	Percent	Exits	Transfers	Change	Total	Education	Work Experience	Job Training
19-5011	Occupational Health and Safety Specialists	669	704	35	5.23%	19	30	4	53	BD	None	None
19-5012	Occupational Health and Safety Technicians	163	185	22	13.50%	5	8	2	15	HS	None	MTOJT
21-0000	COMMUNITY AND SOCIAL SERVICE OCCUPATIONS	30,425	34,513	4,088	13.44%	1,222	2,068	409	3,699			
21-1000	<i>Counselors, Social Workers, and Other Community and Social Service Specialists</i>	15,449	17,941	2,492	16.13%	547	1,092	249	1,888			
21-1012	Educational, Guidance, School, and Vocational Counselors	2,114	2,340	226	10.69%	72	132	23	227	MD	None	None
21-1013	Marriage and Family Therapists	100	118	18	18.00%	4	6	2	12	MD	None	I/R
21-1015	Rehabilitation Counselors	664	778	114	17.17%	24	43	11	78	MD	None	None
21-1018	Substance Abuse, Behavioral Disorder, and Mental Health Counselors	1,862	2,362	500	26.85%	69	125	50	244	BD	None	None
21-1019	Counselors, All Other	252	265	13	5.16%	8	15	1	24	MD	None	None
21-1021	Child, Family, and School Social Workers	1,194	1,285	91	7.62%	35	78	9	122	BD	None	None
21-1022	Healthcare Social Workers	1,334	1,459	125	9.37%	39	88	12	139	MD	None	I/R
21-1023	Mental Health and Substance Abuse Social Workers	964	1,151	187	19.40%	30	67	19	116	MD	None	I/R
21-1029	Social Workers, All Other	870	902	32	3.68%	25	56	3	84	BD	None	None
21-1091	Health Educators	220	245	25	11.36%	8	16	2	26	BD	None	None
21-1092	Probation Officers and Correctional Treatment Specialists	996	1,042	46	4.62%	22	61	5	88	BD	None	STOJT
21-1093	Social and Human Service Assistants	4,119	5,018	899	21.83%	182	345	90	617	HS	None	STOJT
21-1094	Community Health Workers	277	337	60	21.66%	10	21	6	37	HS	None	STOJT
21-1099	Community and Social Service Specialists, All Other	483	639	156	32.30%	19	39	16	74	BD	None	None
21-2000	<i>Religious Workers</i>	14,976	16,572	1,596	10.66%	676	976	160	1,812			
21-2011	Clergy	10,676	11,809	1,133	10.61%	461	649	113	1,223	BD	None	MTOJT
21-2021	Directors, Religious Activities and Education	2,672	2,960	288	10.78%	112	205	29	346	BD	<5	None
21-2099	Religious Workers, All Other	1,628	1,803	175	10.75%	102	121	18	241	BD	None	None

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Standard Occupational Classification		Employment		Change		Annual Separations		Annual Openings		Education/Training Assignment		
Code	Title	2020 Estimated	2030 Projected	Numeric	Percent	Exits	Transfers	Change	Total	Education	Work Experience	Job Training
23-0000	LEGAL OCCUPATIONS	7,275	7,924	649	8.92%	216	315	65	596			
<i>23-1000</i>	<i>Lawyers, Judges, and Related Workers</i>	<i>4,301</i>	<i>4,656</i>	<i>355</i>	<i>8.25%</i>	<i>97</i>	<i>111</i>	<i>36</i>	<i>244</i>			
23-1011	Lawyers	3,748	4,084	336	8.96%	85	96	34	215	DD	None	None
23-1021	Administrative Law Judges, Adjudicators, and Hearing Officers	243	248	5	2.06%	5	6	0	11	DD	5+	STOJT
23-1023	Judges, Magistrate Judges, and Magistrates	253	264	11	4.35%	6	6	1	13	DD	5+	STOJT
<i>23-2000</i>	<i>Legal Support Workers</i>	<i>2,974</i>	<i>3,268</i>	<i>294</i>	<i>9.89%</i>	<i>119</i>	<i>204</i>	<i>29</i>	<i>352</i>			
23-2011	Paralegals and Legal Assistants	2,260	2,528	268	11.86%	93	162	27	282	AD	None	None
23-2093	Title Examiners, Abstractors, and Searchers	608	631	23	3.78%	22	36	2	60	HS	None	MTOJT
23-2099	Legal Support Workers, All Other	106	109	3	2.83%	4	6	0	10	AD	None	None
25-0000	EDUCATION, TRAINING, AND LIBRARY OCCUPATIONS	77,054	85,796	8,742	11.35%	3,251	3,691	874	7,816			
<i>25-1000</i>	<i>Postsecondary Teachers</i>	<i>11,455</i>	<i>12,590</i>	<i>1,135</i>	<i>9.91%</i>	<i>538</i>	<i>562</i>	<i>114</i>	<i>1,214</i>			
25-1011	Business Teachers, Postsecondary	510	549	39	7.65%	24	25	4	53	DD	None	None
25-1021	Computer Science Teachers, Postsecondary	375	406	31	8.27%	18	18	3	39	DD	None	None
25-1022	Mathematical Science Teachers, Postsecondary	540	588	48	8.89%	25	26	5	56	DD	None	None
25-1032	Engineering Teachers, Postsecondary	308	344	36	11.69%	15	15	4	34	DD	None	None
25-1041	Agricultural Sciences Teachers, Postsecondary	158	164	6	3.80%	7	8	1	16	DD	None	None
25-1042	Biological Science Teachers, Postsecondary	1,662	1,793	131	7.88%	77	81	13	171	DD	None	None
25-1051	Atmospheric, Earth, Marine, and Space Sciences Teachers, Postsecondary	53	58	5	9.43%	2	3	0	5	DD	None	None
25-1052	Chemistry Teachers, Postsecondary	250	271	21	8.40%	12	12	2	26	DD	None	None
25-1054	Physics Teachers, Postsecondary	129	139	10	7.75%	6	6	1	13	DD	None	None
25-1061	Anthropology and Archeology Teachers, Postsecondary	23	25	2	8.70%	1	1	0	2	DD	None	None
25-1063	Economics Teachers, Postsecondary	117	127	10	8.55%	6	6	1	13	DD	None	None

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Standard Occupational Classification		Employment		Change		Annual Separations		Annual Openings		Education/Training Assignment		
Code	Title	2020 Estimated	2030 Projected	Numeric	Percent	Exits	Transfers	Change	Total	Education	Work Experience	Job Training
25-1065	Political Science Teachers, Postsecondary	123	135	12	9.76%	6	6	1	13	DD	None	None
25-1066	Psychology Teachers, Postsecondary	231	255	24	10.39%	11	11	2	24	DD	None	None
25-1067	Sociology Teachers, Postsecondary	138	149	11	7.97%	6	7	1	14	DD	None	None
25-1069	Social Sciences Teachers, Postsecondary, All Other	256	276	20	7.81%	12	12	2	26	DD	None	None
25-1071	Health Specialties Teachers, Postsecondary	715	874	159	22.24%	36	37	16	89	DD	<5	None
25-1072	Nursing Instructors and Teachers, Postsecondary	586	715	129	22.01%	29	30	13	72	DD	<5	None
25-1081	Education Teachers, Postsecondary	614	665	51	8.31%	29	30	5	64	DD	<5	None
25-1082	Library Science Teachers, Postsecondary	44	48	4	9.09%	2	2	0	4	DD	None	None
25-1111	Criminal Justice and Law Enforcement Teachers, Postsecondary	99	114	15	15.15%	5	5	2	12	DD	None	None
25-1112	Law Teachers, Postsecondary	100	111	11	11.00%	5	5	1	11	DD	<5	None
25-1113	Social Work Teachers, Postsecondary	316	342	26	8.23%	15	15	3	33	DD	None	None
25-1121	Art, Drama, and Music Teachers, Postsecondary	870	949	79	9.08%	41	42	8	91	MD	None	None
25-1122	Communications Teachers, Postsecondary	460	499	39	8.48%	21	22	4	47	DD	None	None
25-1123	English Language and Literature Teachers, Postsecondary	518	562	44	8.49%	24	25	4	53	DD	None	None
25-1124	Foreign Language and Literature Teachers, Postsecondary	190	206	16	8.42%	9	9	2	20	DD	None	None
25-1125	History Teachers, Postsecondary	206	224	18	8.74%	10	10	2	22	DD	None	None
25-1126	Philosophy and Religion Teachers, Postsecondary	124	136	12	9.68%	6	6	1	13	DD	None	None
25-1192	Home Economics Teachers, Postsecondary	31	33	2	6.45%	1	2	0	3	DD	None	None
25-1193	Recreation and Fitness Studies Teachers, Postsecondary	134	145	11	8.21%	6	6	1	13	DD	None	None
25-1194	Vocational Education Teachers, Postsecondary	826	882	56	6.78%	38	40	6	84	BD	<5	None
25-1199	Postsecondary Teachers, All Other	683	733	50	7.32%	32	33	5	70	DD	None	None
25-2000	Preschool, Primary, Secondary, and Special Education School Teachers	38,585	43,070	4,485	11.62%	1,269	1,750	448	3,467			

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Standard Occupational Classification		Employment		Change		Annual Separations		Annual Openings		Education/Training Assignment		
Code	Title	2020 Estimated	2030 Projected	Numeric	Percent	Exits	Transfers	Change	Total	Education	Work Experience	Job Training
25-2011	Preschool Teachers, Except Special Education	3,817	5,208	1,391	36.44%	185	263	139	587	AD	None	None
25-2012	Kindergarten Teachers, Except Special Education	1,383	1,512	129	9.33%	59	84	13	156	BD	None	None
25-2021	Elementary School Teachers, Except Special Education	11,962	12,973	1,011	8.45%	383	500	101	984	BD	None	None
25-2022	Middle School Teachers, Except Special and Career/Technical Education	5,443	5,905	462	8.49%	174	227	46	447	BD	None	None
25-2023	Career/Technical Education Teachers, Middle School	25	27	2	8.00%	1	1	0	2	BD	<5	None
25-2031	Secondary School Teachers, Except Special and Career/Technical Education	11,147	12,144	997	8.94%	309	472	100	881	BD	None	None
25-2032	Career/Technical Education Teachers, Secondary School	1,056	1,144	88	8.33%	29	45	9	83	BD	<5	None
25-2051	Special Education Teachers, Preschool	317	409	92	29.02%	12	14	9	35	BD	None	None
25-2052	Special Education Teachers, Kindergarten and Elementary School	1,265	1,381	116	9.17%	43	53	12	108	BD	None	None
25-2057	Special Education Teachers, Middle School	917	995	78	8.51%	31	38	8	77	BD	None	None
25-2058	Special Education Teachers, Secondary School	1,173	1,281	108	9.21%	40	49	11	100	BD	None	None
25-2059	Special Education Teachers, All Other	80	91	11	13.75%	3	3	1	7	BD	None	None
25-3000	Other Teachers and Instructors	6,950	7,947	997	14.35%	444	399	100	943			
25-3011	Adult Basic and Secondary Education and Literacy Teachers and Instructors	250	242	-8	-3.20%	15	13	-1	27	BD	None	None
25-3021	Self-Enrichment Education Teachers	957	1,105	148	15.46%	62	55	15	132	HS	<5	None
25-3031	Substitute Teachers, Short-Term	3,481	4,082	601	17.27%	226	203	60	489	BD	None	None
25-3097	Teachers and Instructors, All Other, Except Substitute Teachers	2,262	2,518	256	11.32%	143	128	26	297	BD	None	None
25-4000	Librarians, Curators, and Archivists	2,275	2,501	226	9.93%	139	120	23	282			
25-4011	Archivists	62	66	4	6.45%	3	4	0	7	MD	None	None
25-4012	Curators	113	154	41	36.28%	7	8	4	19	MD	None	None
25-4013	Museum Technicians and Conservators	73	95	22	30.14%	4	5	2	11	BD	None	None
25-4022	Librarians and Media Collections Specialists	1,401	1,542	141	10.06%	72	64	14	150	MD	None	None
25-4031	Library Technicians	626	644	18	2.88%	52	39	2	93	PS	None	None

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Standard Occupational Classification		Employment		Change		Annual Separations		Annual Openings		Education/Training Assignment		
Code	Title	2020 Estimated	2030 Projected	Numeric	Percent	Exits	Transfers	Change	Total	Education	Work Experience	Job Training
25-9000	<i>Other Education, Training, and Library Occupations</i>	17,789	19,688	1,899	10.68%	861	860	190	1,911			
25-9021	Farm and Home Management Advisors	217	209	-8	-3.69%	10	9	-1	18	MD	None	None
25-9031	Instructional Coordinators	1,336	1,465	129	9.66%	69	61	13	143	MD	5+	None
25-9044	Teaching Assistants, Postsecondary	2,910	3,101	191	6.56%	134	140	19	293	BD	None	None
25-9045	Teaching Assistants, Except Postsecondary	9,984	11,375	1,391	13.93%	478	499	139	1,116	SC	None	None
25-9099	Education, Training, and Library Workers, All Other	3,342	3,538	196	5.86%	170	150	20	340	BD	None	None
27-0000	ARTS, DESIGN, ENTERTAINMENT, SPORTS, AND MEDIA OCCUPATIONS	14,897	16,417	1,520	10.20%	612	985	152	1,749			
27-1000	<i>Art and Design Workers</i>	4,530	4,733	203	4.48%	150	272	20	442			
27-1011	Art Directors	141	153	12	8.51%	7	8	1	16	BD	5+	None
27-1014	Multimedia Artists and Animators	149	162	13	8.72%	8	8	1	17	BD	None	None
27-1019	Artists and Related Workers, All Other	31	33	2	6.45%	2	2	0	4	NFE	None	LTOJT
27-1021	Commercial and Industrial Designers	235	236	1	0.43%	7	14	0	21	BD	None	None
27-1022	Fashion Designers	227	217	-10	-4.41%	7	13	-1	19	BD	None	None
27-1023	Floral Designers	295	261	-34	-11.53%	8	16	-3	21	HS	None	MTOJT
27-1024	Graphic Designers	1,121	1,160	39	3.48%	35	68	4	107	BD	None	None
27-1025	Interior Designers	834	813	-21	-2.52%	25	49	-2	72	BD	None	None
27-1027	Set and Exhibit Designers	80	91	11	13.75%	3	5	1	9	BD	None	None
27-1029	Designers, All Other	48	48	0	0.00%	2	3	0	5	BD	None	None
27-2000	<i>Entertainers and Performers, Sports, and Related Workers</i>	5,207	5,837	630	12.10%	292	370	63	725			
27-2012	Producers and Directors	406	412	6	1.48%	9	26	1	36	BD	<5	None
27-2022	Coaches and Scouts	1,401	1,621	220	15.70%	86	122	22	230	BD	None	None
27-2041	Music Directors and Composers	470	518	48	10.21%	29	28	5	62	BD	<5	None
27-2042	Musicians and Singers	1,754	1,934	180	10.26%	108	103	18	229	NFE	None	LTOJT
27-2090	Miscellaneous Entertainers and Performers, Sports, and Related Workers	42	49	7	16.67%	2	3	1	6	NFE	None	STOJT
27-3000	<i>Media and Communication Workers</i>	3,792	4,319	527	13.90%	125	253	53	431			
27-3011	Radio and Television Announcers	235	223	-12	-5.11%	9	12	-1	20	BD	None	None

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Standard Occupational Classification		Employment		Change		Annual Separations		Annual Openings		Education/Training Assignment		
Code	Title	2020 Estimated	2030 Projected	Numeric	Percent	Exits	Transfers	Change	Total	Education	Work Experience	Job Training
27-3023	News Analysts, Reporters, and Journalists	301	273	-28	-9.30%	8	22	-3	27	BD	None	None
27-3031	Public Relations Specialists	1,626	2,047	421	25.89%	46	120	42	208	BD	None	None
27-3041	Editors	384	370	-14	-3.65%	12	24	-1	35	BD	<5	None
27-3043	Writers and Authors	414	442	28	6.76%	17	24	3	44	BD	None	LTOJT
27-3091	Interpreters and Translators	388	491	103	26.55%	17	24	10	51	BD	None	None
27-3092	Court Reporters and Simultaneous Captioners	243	247	4	1.65%	9	14	0	23	PS	None	STOJT
27-4000	Media and Communication Equipment Workers	1,368	1,528	160	11.70%	45	90	16	151			
27-4011	Audio and Video Equipment Technicians	221	256	35	15.84%	6	17	4	27	PS	None	STOJT
27-4012	Broadcast Technicians	173	169	-4	-2.31%	4	12	0	16	AD	None	STOJT
27-4021	Photographers	796	905	109	13.69%	29	48	11	88	HS	None	MTOJT
27-4031	Camera Operators, Television, Video, and Motion Picture	69	76	7	10.14%	2	4	1	7	BD	None	None
27-4032	Film and Video Editors	78	89	11	14.10%	3	5	1	9	BD	None	None
29-0000	HEALTHCARE PRACTITIONERS AND TECHNICAL OCCUPATIONS	86,195	97,129	10,934	12.69%	2,375	2,858	1,093	6,326			
29-1000	Health Diagnosing and Treating Practitioners	51,156	58,095	6,939	13.56%	1,294	1,299	694	3,287			
29-1011	Chiropractors	299	331	32	10.70%	5	2	3	10	DD	None	None
29-1021	Dentists, General	861	939	78	9.06%	17	8	8	33	DD	None	None
29-1029	Dentists, All Other Specialists	25	24	-1	-4.00%	0	0	0	0	DD	None	I/R
29-1031	Dietitians and Nutritionists	592	644	52	8.78%	20	22	5	47	BD	None	I/R
29-1041	Optometrists	400	440	40	10.00%	7	5	4	16	DD	None	None
29-1051	Pharmacists	3,044	3,074	30	0.99%	56	59	3	118	DD	None	None
29-1071	Physician Assistants	589	776	187	31.75%	11	27	19	57	MD	None	None
29-1081	Podiatrists	64	66	2	3.13%	2	3	0	5	DD	None	I/R
29-1122	Occupational Therapists	1,232	1,519	287	23.30%	30	45	29	104	MD	None	None
29-1123	Physical Therapists	2,086	2,583	497	23.83%	46	48	50	144	DD	None	None
29-1124	Radiation Therapists	97	104	7	7.22%	2	3	1	6	AD	None	None
29-1125	Recreational Therapists	35	41	6	17.14%	1	2	1	4	BD	None	None
29-1126	Respiratory Therapists	1,477	1,821	344	23.29%	35	42	34	111	AD	None	None

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Standard Occupational Classification		Employment		Change		Annual Separations		Annual Openings		Education/Training Assignment		
Code	Title	2020 Estimated	2030 Projected	Numeric	Percent	Exits	Transfers	Change	Total	Education	Work Experience	Job Training
29-1127	Speech-Language Pathologists	2,029	2,814	785	38.69%	56	87	78	221	MD	None	I/R
29-1128	Exercise Physiologists	40	45	5	12.50%	1	2	0	3	BD	None	None
29-1129	Therapists, All Other	233	270	37	15.88%	8	9	4	21	BD	None	None
29-1131	Veterinarians	502	590	88	17.53%	9	8	9	26	DD	None	None
29-1141	Registered Nurses	25,892	28,236	2,344	9.05%	722	681	234	1,637	BD	None	None
29-1171	Nurse Practitioners	2,800	4,313	1,513	54.04%	74	112	151	337	MD	None	None
29-1181	Audiologists	144	163	19	13.19%	3	3	2	8	DD	None	None
29-1215	Family Medicine Physicians	1,568	1,687	119	7.59%	26	18	12	56	DD	None	I/R
29-1216	General Internal Medicine Physicians	141	145	4	2.84%	2	2	0	4	DD	None	I/R
29-1218	Obstetricians and Gynecologists	133	126	-7	-5.26%	2	2	-1	3	DD	None	I/R
29-1221	Pediatricians, General	85	81	-4	-4.71%	1	1	0	2	DD	None	I/R
29-1223	Psychiatrists	138	160	22	15.94%	2	2	2	6	DD	None	I/R
29-1228	Physicians, All Other; and Ophthalmologists, Except Pediatric	3,916	4,104	188	4.80%	64	45	19	128	DD	None	I/R
29-1248	Surgeons, Except Ophthalmologists	136	130	-6	-4.41%	2	2	-1	3	DD	None	I/R
29-1292	Dental Hygienists	1,580	1,779	199	12.59%	60	42	20	122	AD	None	None
29-1298	Acupuncturists and Healthcare Diagnosing or Treating Practitioners, All Other	326	331	5	1.53%	14	5	0	19	MD	None	None
29-2000	Health Technologists and Technicians	31,662	34,546	2,884	9.11%	973	1,391	288	2,652			
29-2010	Clinical Laboratory Technologists and Technicians	2,630	2,833	203	7.72%	70	101	20	191	BD	None	None
29-2031	Cardiovascular Technologists and Technicians	488	519	31	6.35%	14	22	3	39	AD	None	None
29-2032	Diagnostic Medical Sonographers	447	532	85	19.02%	13	21	8	42	AD	None	None
29-2033	Nuclear Medicine Technologists	199	212	13	6.53%	6	9	1	16	AD	None	None
29-2034	Radiologic Technologists	1,988	2,121	133	6.69%	56	88	13	157	AD	None	None
29-2035	Magnetic Resonance Imaging Technologists	330	344	14	4.24%	9	14	1	24	AD	<5	None
29-2040	Emergency Medical Technicians and Paramedics	1,824	2,029	205	11.24%	36	89	20	145	PS	None	None
29-2051	Dietetic Technicians	91	98	7	7.69%	3	4	1	8	AD	None	None
29-2052	Pharmacy Technicians	4,597	5,054	457	9.94%	132	207	46	385	HS	None	MTOJT
29-2053	Psychiatric Technicians	791	1,015	224	28.32%	25	39	22	86	PS	<5	STOJT

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Standard Occupational Classification		Employment		Change		Annual Separations		Annual Openings		Education/Training Assignment		
Code	Title	2020 Estimated	2030 Projected	Numeric	Percent	Exits	Transfers	Change	Total	Education	Work Experience	Job Training
29-2055	Surgical Technologists	1,302	1,395	93	7.14%	37	58	9	104	PS	None	None
29-2056	Veterinary Technologists and Technicians	524	613	89	16.98%	16	24	9	49	AD	None	None
29-2057	Ophthalmic Medical Technicians	506	571	65	12.85%	15	23	6	44	PS	None	None
29-2061	Licensed Practical and Licensed Vocational Nurses	11,956	12,870	914	7.64%	419	518	91	1,028	PS	None	None
29-2081	Opticians, Dispensing	738	811	73	9.89%	32	26	7	65	HS	None	LTOJT
29-2098	Medical Dosimetrists, Medical Records Specialists, and Health Technologists and Technicians, All Other	3,118	3,364	246	7.89%	88	139	25	252	PS	None	None
29-9000	Other Healthcare Practitioners and Technical Occupations	3,377	4,488	1,111	32.90%	107	169	111	387			
29-9098	Health Information Technologists, Medical Registrars, Surgical Assistants, & Healthcare Practitioners, AO	3,192	4,264	1,072	33.58%	102	160	107	369	PS	None	None
31-0000	HEALTHCARE SUPPORT OCCUPATIONS	55,986	67,257	11,271	20.13%	3,672	3,772	1,127	8,571			
31-1100	Home Health and Personal Care Aides; and Nursing Assistants, Orderlies, and Psychiatric Aides	41,033	49,229	8,196	19.97%	2,889	2,555	820	6,264			
31-1120	Home Health and Personal Care Aides	21,902	28,347	6,445	29.43%	1,608	1,422	644	3,674	HS	None	STOJT
31-1131	Nursing Assistants	18,428	20,051	1,623	8.81%	1,232	1,089	162	2,483	PS	None	None
31-2000	Occupational Therapy and Physical Therapist Assistants and Aides	2,082	2,857	775	37.22%	109	186	78	373			
31-2011	Occupational Therapy Assistants	341	490	149	43.70%	21	30	15	66	AD	None	None
31-2021	Physical Therapist Assistants	1,425	1,956	531	37.26%	72	128	53	253	AD	None	None
31-9000	Other Healthcare Support Occupations	12,871	15,171	2,300	17.87%	674	1,031	230	1,935			
31-9011	Massage Therapists	625	755	130	20.80%	40	36	13	89	PS	None	None
31-9091	Dental Assistants	2,637	2,964	327	12.40%	128	197	33	358	PS	None	None
31-9092	Medical Assistants	3,624	4,250	626	17.27%	162	294	63	519	PS	None	None
31-9093	Medical Equipment Preparers	299	321	22	7.36%	17	20	2	39	HS	None	MTOJT
31-9094	Medical Transcriptionists	529	461	-68	-12.85%	26	43	-7	62	PS	None	None
31-9095	Pharmacy Aides	123	109	-14	-11.38%	6	9	-1	14	HS	None	STOJT

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Standard Occupational Classification		Employment		Change		Annual Separations		Annual Openings		Education/Training Assignment		
Code	Title	2020 Estimated	2030 Projected	Numeric	Percent	Exits	Transfers	Change	Total	Education	Work Experience	Job Training
31-9096	Veterinary Assistants and Laboratory Animal Caretakers	1,064	1,263	199	18.70%	57	128	20	205	HS	None	STOJT
31-9097	Phlebotomists	786	975	189	24.05%	38	64	19	121	PS	None	None
31-9099	Healthcare Support Workers, All Other	3,184	4,073	889	27.92%	201	239	89	529	HS	None	None
33-0000	PROTECTIVE SERVICE OCCUPATIONS	27,685	30,006	2,321	8.38%	1,193	1,728	232	3,153			
33-1000	Supervisors of Protective Service Workers	4,075	4,492	417	10.23%	114	192	42	348			
33-1011	First-Line Supervisors of Correctional Officers	560	586	26	4.64%	18	27	3	48	HS	<5	None
33-1012	First-Line Supervisors of Police and Detectives	1,735	1,940	205	11.82%	41	75	20	136	HS	<5	MTOJT
33-1021	First-Line Supervisors of Fire Fighting and Prevention Workers	1,020	1,150	130	12.75%	26	44	13	83	PS	<5	MTOJT
33-1090	Miscellaneous First-Line Supervisors, Protective Service Workers	760	816	56	7.37%	29	46	6	81	HS	<5	None
33-2000	Fire Fighting and Prevention Workers	2,485	2,804	319	12.84%	65	136	32	233			
33-2011	Firefighters	2,269	2,545	276	12.16%	53	124	28	205	PS	None	LTOJT
33-2021	Fire Inspectors and Investigators	36	40	4	11.11%	2	2	0	4	PS	5+	MTOJT
33-2022	Forest Fire Inspectors and Prevention Specialists	180	219	39	21.67%	10	10	4	24	HS	<5	MTOJT
33-3000	Law Enforcement Workers	12,921	13,435	514	3.98%	410	685	51	1,146			
33-3011	Bailiffs	42	45	3	7.14%	2	2	0	4	HS	None	MTOJT
33-3012	Correctional Officers and Jailers	5,950	5,723	-227	-3.82%	220	316	-23	513	HS	None	MTOJT
33-3021	Detectives and Criminal Investigators	560	603	43	7.68%	15	27	4	46	HS	<5	MTOJT
33-3051	Police and Sheriff's Patrol Officers	6,137	6,835	698	11.37%	162	329	70	561	HS	None	MTOJT
33-9000	Other Protective Service Workers	8,204	9,275	1,071	13.05%	604	714	107	1,425			
33-9011	Animal Control Workers	159	180	21	13.21%	5	9	2	16	HS	None	MTOJT
33-9032	Security Guards	6,078	6,814	736	12.11%	341	499	74	914	HS	None	STOJT
33-9091	Crossing Guards	163	174	11	6.75%	24	9	1	34	NFE	None	STOJT
33-9092	Lifeguards, Ski Patrol, and Other Recreational Protective Service Workers	510	646	136	26.67%	80	64	14	158	NFE	None	STOJT
33-9093	Transportation Security Screeners	181	180	-1	-0.55%	6	9	0	15	HS	None	STOJT

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Standard Occupational Classification		Employment		Change		Annual Separations		Annual Openings		Education/Training Assignment		
Code	Title	2020 Estimated	2030 Projected	Numeric	Percent	Exits	Transfers	Change	Total	Education	Work Experience	Job Training
33-9098	School Bus Monitors and Protective Service Workers, All Other	957	1,104	147	15.36%	142	114	15	271	HS	None	STOJT
35-0000	FOOD PREPARATION AND SERVING RELATED OCCUPATIONS	100,508	121,727	21,219	21.11%	8,482	11,295	2,122	21,899			
35-1000	<i>Supervisors of Food Preparation and Serving Workers</i>	10,980	13,483	2,503	22.80%	538	1,244	250	2,032			
35-1011	Chefs and Head Cooks	488	607	119	24.39%	16	54	12	82	HS	5+	None
35-1012	First-Line Supervisors of Food Preparation and Serving Workers	10,492	12,876	2,384	22.72%	521	1,191	238	1,950	HS	<5	None
35-2000	<i>Cooks and Food Preparation Workers</i>	26,500	32,591	6,091	22.98%	1,844	2,563	609	5,016			
35-2011	Cooks, Fast Food	3,700	3,690	-10	-0.27%	218	316	-1	533	NFE	None	STOJT
35-2012	Cooks, Institution and Cafeteria	7,662	8,272	610	7.96%	469	682	61	1,212	NFE	None	STOJT
35-2013	Cooks, Private Household	181	168	-13	-7.18%	10	15	-1	24	PS	<5	None
35-2014	Cooks, Restaurant	9,277	14,080	4,803	51.77%	687	1,000	480	2,167	NFE	<5	MTOJT
35-2015	Cooks, Short Order	480	539	59	12.29%	30	44	6	80	NFE	None	STOJT
35-2019	Cooks, All Other	191	214	23	12.04%	12	17	2	31	NFE	None	MTOJT
35-2021	Food Preparation Workers	5,009	5,628	619	12.36%	418	489	62	969	NFE	None	STOJT
35-3000	<i>Food and Beverage Serving Workers</i>	56,171	67,077	10,906	19.42%	5,405	6,776	1,091	13,272			
35-3011	Bartenders	1,819	2,376	557	30.62%	95	254	56	405	NFE	None	STOJT
35-3023	Fast Food and Counter Workers	36,376	42,966	6,590	18.12%	3,846	4,194	659	8,699	NFE	None	STOJT
35-3031	Waiters and Waitresses	17,013	20,639	3,626	21.31%	1,382	2,248	363	3,993	NFE	None	STOJT
35-3041	Food Servers, Nonrestaurant	963	1,096	133	13.81%	82	80	13	175	NFE	None	STOJT
35-9000	<i>Other Food Preparation and Serving Related Workers</i>	6,857	8,576	1,719	25.07%	696	712	172	1,580			
35-9011	Dining Room and Cafeteria Attendants and Bartender Helpers	1,940	2,527	587	30.26%	193	193	59	445	NFE	None	STOJT
35-9021	Dishwashers	2,947	3,544	597	20.26%	244	271	60	575	NFE	None	STOJT
35-9031	Hosts and Hostesses, Restaurant, Lounge, and Coffee Shop	1,795	2,292	497	27.69%	242	230	50	522	NFE	None	STOJT
35-9099	Food Preparation and Serving Related Workers, All Other	175	213	38	21.71%	17	17	4	38	NFE	None	STOJT

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Standard Occupational Classification		Employment		Change		Annual Separations		Annual Openings		Education/Training Assignment		
Code	Title	2020 Estimated	2030 Projected	Numeric	Percent	Exits	Transfers	Change	Total	Education	Work Experience	Job Training
37-0000	BUILDING AND GROUNDS CLEANING AND MAINTENANCE OCCUPATIONS	43,805	46,802	2,997	6.84%	2,586	3,283	300	6,169			
<i>37-1000</i>	<i>Supervisors of Building and Grounds Cleaning and Maintenance Workers</i>	<i>3,868</i>	<i>4,048</i>	<i>180</i>	<i>4.65%</i>	<i>146</i>	<i>279</i>	<i>18</i>	<i>443</i>			
37-1011	First-Line Supervisors of Housekeeping and Janitorial Workers	1,893	1,982	89	4.70%	83	134	9	226	HS	<5	None
37-1012	First-Line Supervisors of Landscaping, Lawn Service, and Groundskeeping Workers	1,975	2,066	91	4.61%	63	145	9	217	HS	<5	None
37-2000	Building Cleaning and Pest Control Workers	32,260	34,328	2,068	6.41%	2,094	2,314	207	4,615			
37-2011	Janitors and Cleaners, Except Maids and Housekeeping Cleaners	21,190	22,837	1,647	7.77%	1,374	1,543	165	3,082	NFE	None	STOJT
37-2012	Maids and Housekeeping Cleaners	9,979	10,258	279	2.80%	687	651	28	1,366	NFE	None	STOJT
37-3000	Grounds Maintenance Workers	7,677	8,426	749	9.76%	346	690	75	1,111			
37-3011	Landscaping and Groundskeeping Workers	6,845	7,506	661	9.66%	309	615	66	990	NFE	None	STOJT
37-3012	Pesticide Handlers, Sprayers, and Applicators, Vegetation	251	286	35	13.94%	12	23	4	39	HS	None	MTOJT
37-3013	Tree Trimmers and Pruners	454	501	47	10.35%	20	41	5	66	HS	None	STOJT
37-3019	Grounds Maintenance Workers, All Other	127	133	6	4.72%	6	11	1	18	NFE	None	STOJT
39-0000	PERSONAL CARE AND SERVICE OCCUPATIONS	27,134	31,439	4,305	15.87%	1,833	2,248	430	4,511			
<i>39-1000</i>	<i>Supervisors of Personal Care and Service Workers</i>	<i>1,381</i>	<i>1,676</i>	<i>295</i>	<i>21.36%</i>	<i>56</i>	<i>106</i>	<i>30</i>	<i>192</i>			
39-2000	Animal Care and Service Workers	3,987	4,789	802	20.12%	254	348	80	682			
39-2011	Animal Trainers	1,433	1,656	223	15.56%	72	112	22	206	HS	None	MTOJT
39-2021	Nonfarm Animal Caretakers	2,554	3,133	579	22.67%	182	236	58	476	HS	None	STOJT
39-3000	Entertainment Attendants and Related Workers	2,073	2,919	846	40.81%	254	268	85	607			
39-3031	Ushers, Lobby Attendants, and Ticket Takers	568	814	246	43.31%	88	70	25	183	NFE	None	STOJT

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Standard Occupational Classification		Employment		Change		Annual Separations		Annual Openings		Education/Training Assignment		
Code	Title	2020 Estimated	2030 Projected	Numeric	Percent	Exits	Transfers	Change	Total	Education	Work Experience	Job Training
39-3091	Amusement and Recreation Attendants	1,316	1,657	341	25.91%	145	166	34	345	NFE	None	STOJT
39-3093	Locker Room, Coatroom, and Dressing Room Attendants	58	64	6	10.34%	6	7	1	14	HS	None	STOJT
39-4000	Funeral Service Workers	919	926	7	0.76%	48	66	1	115			
39-4011	Embalmers	110	106	-4	-3.64%	6	8	0	14	AD	None	LTOJT
39-4021	Funeral Attendants	363	362	-1	-0.28%	20	27	0	47	HS	None	STOJT
39-4031	Morticians, Undertakers, and Funeral Directors	446	458	12	2.69%	22	31	1	54	AD	None	LTOJT
39-5000	Personal Appearance Workers	3,991	4,211	220	5.51%	212	227	22	461			
39-5012	Hairdressers, Hairstylists, and Cosmetologists	3,189	3,338	149	4.67%	173	181	15	369	PS	None	None
39-6000	Baggage Porters, Bellhops, and Concierges	115	141	26	22.61%	7	10	3	20			
39-6011	Baggage Porters and Bellhops	89	110	21	23.60%	5	8	2	15	HS	None	STOJT
39-6012	Concierges	26	31	5	19.23%	2	2	0	4	HS	None	MTOJT
39-7000	Tour and Travel Guides	272	372	100	36.76%	21	30	10	61			
39-7010	Tour and Travel Guides	272	372	100	36.76%	21	30	10	61	HS	None	MTOJT
39-9000	Other Personal Care and Service Workers	14,396	16,405	2,009	13.96%	982	1,194	201	2,377			
39-9011	Childcare Workers	9,687	10,767	1,080	11.15%	688	715	108	1,511	HS	None	STOJT
39-9031	Fitness Trainers and Aerobics Instructors	1,603	2,070	467	29.13%	108	174	47	329	HS	None	STOJT
39-9032	Recreation Workers	1,794	2,056	262	14.60%	113	183	26	322	HS	None	STOJT
39-9041	Residential Advisors	1,009	1,173	164	16.25%	55	98	16	169	HS	None	STOJT
39-9098	Crematory Operators and Personal Care and Service Workers, All Other	303	339	36	11.88%	18	24	4	46	HS	None	STOJT
41-0000	SALES AND RELATED OCCUPATIONS	131,462	136,490	5,028	3.82%	6,887	10,426	503	17,816			
41-1000	Supervisors of Sales Workers	18,658	18,308	-350	-1.88%	632	1,247	-35	1,844			
41-1011	First-Line Supervisors of Retail Sales Workers	15,186	15,001	-185	-1.22%	533	1,046	-18	1,561	HS	<5	None
41-1012	First-Line Supervisors of Non-Retail Sales Workers	3,472	3,307	-165	-4.75%	98	201	-16	283	HS	<5	None
41-2000	Retail Sales Workers	73,198	75,214	2,016	2.75%	4,841	6,396	202	11,439			

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Standard Occupational Classification		Employment		Change		Annual Separations		Annual Openings		Education/Training Assignment		
Code	Title	2020 Estimated	2030 Projected	Numeric	Percent	Exits	Transfers	Change	Total	Education	Work Experience	Job Training
41-2011	Cashiers	27,513	27,007	-506	-1.84%	2,319	2,610	-51	4,878	NFE	None	STOJT
41-2021	Counter and Rental Clerks	4,955	5,310	355	7.16%	230	352	36	618	NFE	None	STOJT
41-2031	Retail Salespersons	37,390	39,307	1,917	5.13%	2,144	3,168	192	5,504	NFE	None	STOJT
41-3000	Sales Representatives, Services	17,742	20,352	2,610	14.71%	570	1,288	261	2,119			
41-3011	Advertising Sales Agents	996	959	-37	-3.71%	30	91	-4	117	HS	None	MTOJT
41-3021	Insurance Sales Agents	9,747	11,749	2,002	20.54%	358	601	200	1,159	HS	None	MTOJT
41-3031	Securities, Commodities, and Financial Services Sales Agents	1,684	1,853	169	10.04%	39	112	17	168	BD	None	MTOJT
41-3041	Travel Agents	180	175	-5	-2.78%	9	12	0	21	HS	None	MTOJT
41-3091	Sales Representatives of Services, Except Advertising, Insurance, Financial Services, and Travel	5,135	5,616	481	9.37%	135	473	48	656	HS	None	MTOJT
41-4000	Sales Representatives, Wholesale and Manufacturing	14,567	15,294	727	4.99%	441	1,009	73	1,523			
41-4011	Sales Representatives, Wholesale and Manufacturing, Technical and Scientific Products	2,027	2,146	119	5.87%	62	141	12	215	BD	None	MTOJT
41-4012	Sales Representatives, Wholesale and Manufacturing, Except Technical and Scientific Products	12,540	13,148	608	4.85%	380	868	61	1,309	HS	None	MTOJT
41-9000	Other Sales and Related Workers	7,297	7,322	25	0.34%	403	486	2	891			
41-9021	Real Estate Brokers	704	735	31	4.40%	30	32	3	65	HS	<5	None
41-9022	Real Estate Sales Agents	2,262	2,352	90	3.98%	96	101	9	206	HS	None	MTOJT
41-9031	Sales Engineers	130	133	3	2.31%	3	11	0	14	BD	None	MTOJT
41-9041	Telemarketers	1,260	1,013	-247	-19.60%	52	116	-25	143	NFE	None	STOJT
43-0000	OFFICE AND ADMINISTRATIVE SUPPORT OCCUPATIONS	159,167	160,680	1,513	0.95%	7,533	9,867	151	17,551			
43-1000	Supervisors of Office and Administrative Support Workers	13,736	13,859	123	0.90%	512	843	12	1,367			
43-1011	First-Line Supervisors of Office and Administrative Support Workers	13,736	13,859	123	0.90%	512	843	12	1,367	HS	<5	None
43-2000	Communications Equipment Operators	495	387	-108	-21.82%	23	26	-11	38			

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Standard Occupational Classification		Employment		Change		Annual Separations		Annual Openings		Education/Training Assignment		
Code	Title	2020 Estimated	2030 Projected	Numeric	Percent	Exits	Transfers	Change	Total	Education	Work Experience	Job Training
43-2011	Switchboard Operators, Including Answering Service	467	362	-105	-22.48%	22	24	-10	36	HS	None	STOJT
43-3000	Financial Clerks	24,864	24,336	-528	-2.12%	1,209	1,408	-53	2,564			
43-3011	Bill and Account Collectors	2,215	2,100	-115	-5.19%	79	153	-12	220	HS	None	MTOJT
43-3021	Billing and Posting Clerks	3,259	3,480	221	6.78%	138	207	22	367	HS	None	MTOJT
43-3031	Bookkeeping, Accounting, and Auditing Clerks	12,322	12,267	-55	-0.45%	720	628	-6	1,342	SC	None	MTOJT
43-3051	Payroll and Timekeeping Clerks	970	858	-112	-11.55%	43	50	-11	82	HS	None	MTOJT
43-3061	Procurement Clerks	689	658	-31	-4.50%	18	43	-3	58	HS	None	MTOJT
43-3071	Tellers	5,206	4,728	-478	-9.18%	202	312	-48	466	HS	None	STOJT
43-4000	Information and Record Clerks	43,705	45,530	1,825	4.18%	2,200	3,217	182	5,599			
43-4011	Brokerage Clerks	182	167	-15	-8.24%	7	12	-2	17	HS	None	MTOJT
43-4031	Court, Municipal, and License Clerks	1,025	1,143	118	11.51%	53	54	12	119	HS	None	LTOJT
43-4051	Customer Service Representatives	17,190	18,118	928	5.40%	830	1,388	93	2,311	HS	None	STOJT
43-4061	Eligibility Interviewers, Government Programs	1,687	1,736	49	2.90%	63	88	5	156	HS	None	MTOJT
43-4071	File Clerks	561	503	-58	-10.34%	29	33	-6	56	HS	None	STOJT
43-4081	Hotel, Motel, and Resort Desk Clerks	1,984	2,244	260	13.10%	122	224	26	372	HS	None	STOJT
43-4111	Interviewers, Except Eligibility and Loan	3,287	3,010	-277	-8.43%	182	203	-28	357	HS	None	STOJT
43-4121	Library Assistants, Clerical	566	567	1	0.18%	50	36	0	86	HS	None	STOJT
43-4131	Loan Interviewers and Clerks	2,235	2,376	141	6.31%	66	135	14	215	HS	None	STOJT
43-4141	New Accounts Clerks	524	476	-48	-9.16%	16	31	-5	42	HS	None	MTOJT
43-4151	Order Clerks	326	278	-48	-14.72%	13	19	-5	27	SC	None	STOJT
43-4161	Human Resources Assistants, Except Payroll and Timekeeping	768	742	-26	-3.39%	29	46	-3	72	AD	None	None
43-4171	Receptionists and Information Clerks	11,563	12,221	658	5.69%	664	822	66	1,552	HS	None	STOJT
43-4181	Reservation and Transportation Ticket Agents and Travel Clerks	166	193	27	16.27%	7	13	3	23	HS	None	STOJT
43-4199	Information and Record Clerks, All Other	1,493	1,607	114	7.64%	63	102	11	176	HS	None	STOJT
43-5000	Material Recording, Scheduling, Dispatching, and Distributing Workers	18,767	18,949	182	0.97%	697	996	18	1,711			
43-5011	Cargo and Freight Agents	987	1,125	138	13.98%	40	62	14	116	HS	None	STOJT
43-5021	Couriers and Messengers	765	700	-65	-8.50%	30	40	-6	64	HS	None	STOJT
43-5031	Police, Fire, and Ambulance Dispatchers	1,084	1,216	132	12.18%	40	64	13	117	HS	None	MTOJT

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Standard Occupational Classification		Employment		Change		Annual Separations		Annual Openings		Education/Training Assignment		
Code	Title	2020 Estimated	2030 Projected	Numeric	Percent	Exits	Transfers	Change	Total	Education	Work Experience	Job Training
43-5032	Dispatchers, Except Police, Fire, and Ambulance	1,899	2,010	111	5.85%	69	110	11	190	HS	None	MTOJT
43-5041	Meter Readers, Utilities	630	611	-19	-3.02%	18	27	-2	43	HS	None	STOJT
43-5051	Postal Service Clerks	1,058	995	-63	-5.95%	47	36	-6	77	HS	None	STOJT
43-5052	Postal Service Mail Carriers	3,169	2,978	-191	-6.03%	107	110	-19	198	HS	None	STOJT
43-5053	Postal Service Mail Sorters, Processors, and Processing Machine Operators	553	494	-59	-10.67%	29	17	-6	40	HS	None	STOJT
43-5061	Production, Planning, and Expediting Clerks	2,734	2,943	209	7.64%	101	184	21	306	HS	None	MTOJT
43-5071	Shipping, Receiving, and Traffic Clerks	5,138	5,044	-94	-1.83%	186	299	-9	476	HS	None	STOJT
43-5111	Weighers, Measurers, Checkers, and Samplers, Recordkeeping	750	833	83	11.07%	30	45	8	83	HS	None	STOJT
43-6000	Secretaries and Administrative Assistants	19,330	18,304	-1,026	-5.31%	957	1,051	-103	1,905			
43-6011	Executive Secretaries and Executive Administrative Assistants	2,010	1,700	-310	-15.42%	94	104	-31	167	HS	<5	None
43-6012	Legal Secretaries	699	559	-140	-20.03%	32	35	-14	53	HS	None	MTOJT
43-6013	Medical Secretaries	1,792	1,978	186	10.38%	96	105	19	220	HS	None	MTOJT
43-6014	Secretaries and Administrative Assistants, Except Legal, Medical, and Executive	14,829	14,067	-762	-5.14%	735	807	-76	1,466	HS	None	STOJT
43-9000	Other Office and Administrative Support Workers	38,270	39,315	1,045	2.73%	1,936	2,327	104	4,367			
43-9021	Data Entry Keyers	931	749	-182	-19.55%	37	53	-18	72	HS	None	STOJT
43-9022	Word Processors and Typists	171	116	-55	-32.16%	9	8	-6	11	HS	None	STOJT
43-9031	Desktop Publishers	28	24	-4	-14.29%	1	2	0	3	AD	None	STOJT
43-9041	Insurance Claims and Policy Processing Clerks	6,538	7,540	1,002	15.33%	248	413	100	761	HS	None	MTOJT
43-9051	Mail Clerks and Mail Machine Operators, Except Postal Service	364	346	-18	-4.95%	18	22	-2	38	HS	None	STOJT
43-9061	Office Clerks, General	27,418	27,437	19	0.07%	1,497	1,626	2	3,125	HS	None	STOJT
43-9111	Statistical Assistants	36	45	9	25.00%	1	4	1	6	BD	None	None
43-9199	Office and Administrative Support Workers, All Other	2,409	2,722	313	12.99%	106	178	31	315	HS	None	STOJT

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Standard Occupational Classification		Employment		Change		Annual Separations		Annual Openings		Education/Training Assignment		
Code	Title	2020 Estimated	2030 Projected	Numeric	Percent	Exits	Transfers	Change	Total	Education	Work Experience	Job Training
45-0000	FARMING, FISHING, AND FORESTRY OCCUPATIONS	19,709	23,120	3,411	17.31%	884	2,423	341	3,648			
45-1000	<i>Supervisors of Farming, Fishing, and Forestry Workers</i>	940	1,073	133	14.15%	37	105	13	155			
45-1011	First-Line Supervisors of Farming, Fishing, and Forestry Workers	940	1,073	133	14.15%	37	105	13	155	HS	<5	None
45-2000	Agricultural Workers	16,098	19,422	3,324	20.65%	748	2,020	332	3,100			
45-2011	Agricultural Inspectors	374	381	7	1.87%	17	43	1	61	BD	None	MTOJT
45-2041	Graders and Sorters, Agricultural Products	1,643	1,581	-62	-3.77%	63	174	-6	231	NFE	None	STOJT
45-2091	Agricultural Equipment Operators	1,056	1,345	289	27.37%	51	137	29	217	NFE	None	MTOJT
45-2092	Farmworkers and Laborers, Crop, Nursery, and Greenhouse	6,889	8,260	1,371	19.90%	321	866	137	1,324	NFE	None	STOJT
45-2093	Farmworkers, Farm, Ranch, and Aquacultural Animals	5,726	7,328	1,602	27.98%	276	746	160	1,182	NFE	None	STOJT
45-3000	Fishing and Hunting Workers	65	67	2	3.08%	3	6	0	9			
45-3031	Fishing and Hunting Workers	65	67	2	3.08%	3	6	0	9	NFE	None	MTOJT
45-4000	Forest, Conservation, and Logging Workers	2,606	2,558	-48	-1.84%	96	292	-5	383			
45-4022	Logging Equipment Operators	1,557	1,521	-36	-2.31%	56	175	-4	227	HS	None	MTOJT
45-4023	Log Graders and Scalers	182	190	8	4.40%	7	21	1	29	HS	None	MTOJT
47-0000	CONSTRUCTION AND EXTRACTION OCCUPATIONS	50,444	53,203	2,759	5.47%	1,554	3,579	276	5,409			
47-1000	<i>Supervisors of Construction and Extraction Workers</i>	5,614	5,938	324	5.77%	163	374	32	569			
47-1011	First-Line Supervisors of Construction Trades and Extraction Workers	5,614	5,938	324	5.77%	163	374	32	569	HS	5+	None
47-2000	Construction Trades Workers	35,696	37,726	2,030	5.69%	1,067	2,504	203	3,774			
47-2011	Boilermakers	153	151	-2	-1.31%	3	11	0	14	HS	None	App.
47-2021	Brickmasons and Blockmasons	443	424	-19	-4.29%	14	27	-2	39	HS	None	App.
47-2031	Carpenters	4,083	4,115	32	0.78%	120	256	3	379	HS	None	App.
47-2041	Carpet Installers	70	67	-3	-4.29%	2	4	0	6	NFE	None	STOJT
47-2043	Floor Sanders and Finishers	290	298	8	2.76%	8	17	1	26	NFE	None	MTOJT

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Standard Occupational Classification		Employment		Change		Annual Separations		Annual Openings		Education/Training Assignment		
Code	Title	2020 Estimated	2030 Projected	Numeric	Percent	Exits	Transfers	Change	Total	Education	Work Experience	Job Training
47-2044	Tile and Marble Setters	266	292	26	9.77%	7	16	3	26	NFE	None	LTOJT
47-2051	Cement Masons and Concrete Finishers	2,001	2,017	16	0.80%	49	132	2	183	NFE	None	MTOJT
47-2061	Construction Laborers	7,578	8,149	571	7.53%	232	531	57	820	NFE	None	STOJT
47-2071	Paving, Surfacing, and Tamping Equipment Operators	1,072	1,180	108	10.07%	37	81	11	129	HS	None	MTOJT
47-2073	Operating Engineers and Other Construction Equipment Operators	3,657	3,875	218	5.96%	123	270	22	415	HS	None	MTOJT
47-2081	Drywall and Ceiling Tile Installers	442	453	11	2.49%	11	25	1	37	NFE	None	MTOJT
47-2111	Electricians	6,498	7,073	575	8.85%	197	498	58	753	HS	None	App.
47-2121	Glaziers	441	487	46	10.43%	12	36	5	53	HS	None	App.
47-2131	Insulation Workers, Floor, Ceiling, and Wall	245	253	8	3.27%	6	17	1	24	NFE	None	STOJT
47-2132	Insulation Workers, Mechanical	158	165	7	4.43%	4	11	1	16	HS	None	App.
47-2141	Painters, Construction and Maintenance	1,745	1,807	62	3.55%	54	98	6	158	NFE	None	MTOJT
47-2142	Paperhangers	23	27	4	17.39%	1	1	0	2	NFE	None	LTOJT
47-2151	Pipelayers	348	343	-5	-1.44%	10	25	0	35	NFE	None	STOJT
47-2152	Plumbers, Pipefitters, and Steamfitters	3,573	3,771	198	5.54%	107	264	20	391	HS	None	App.
47-2181	Roofers	878	946	68	7.74%	23	64	7	94	NFE	None	MTOJT
47-2211	Sheet Metal Workers	987	1,036	49	4.96%	28	66	5	99	HS	None	App.
47-2221	Structural Iron and Steel Workers	462	496	34	7.36%	12	37	3	52	HS	None	App.
47-3000	Helpers, Construction Trades	1,859	1,921	62	3.34%	56	165	6	227			
47-3011	Helpers--Brickmasons, Blockmasons, Stonemasons, and Tile and Marble Setters	198	186	-12	-6.06%	6	17	-1	22	NFE	None	STOJT
47-3012	Helpers--Carpenters	210	211	1	0.48%	6	18	0	24	NFE	None	STOJT
47-3013	Helpers--Electricians	253	255	2	0.79%	8	22	0	30	HS	None	STOJT
47-3014	Helpers--Painters, Paperhangers, Plasterers, and Stucco Masons	74	77	3	4.05%	2	7	0	9	NFE	None	STOJT
47-3015	Helpers--Pipelayers, Plumbers, Pipefitters, and Steamfitters	506	532	26	5.14%	15	45	3	63	HS	None	STOJT
47-3016	Helpers--Roofers	60	66	6	10.00%	2	6	1	9	NFE	None	STOJT
47-3019	Helpers, Construction Trades, All Other	558	594	36	6.45%	17	50	4	71	NFE	None	STOJT
47-4000	Other Construction and Related Workers	5,241	5,522	281	5.36%	214	349	28	591			
47-4011	Construction and Building Inspectors	985	938	-47	-4.77%	52	58	-5	105	HS	5+	MTOJT

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Standard Occupational Classification		Employment		Change		Annual Separations		Annual Openings		Education/Training Assignment		
Code	Title	2020 Estimated	2030 Projected	Numeric	Percent	Exits	Transfers	Change	Total	Education	Work Experience	Job Training
47-4021	Elevator Installers and Repairers	83	88	5	6.02%	2	6	0	8	HS	None	App.
47-4031	Fence Erectors	149	155	6	4.03%	4	12	1	17	NFE	None	MTOJT
47-4041	Hazardous Materials Removal Workers	195	220	25	12.82%	8	17	2	27	HS	None	MTOJT
47-4051	Highway Maintenance Workers	3,318	3,593	275	8.29%	136	217	28	381	HS	None	MTOJT
47-4061	Rail-Track Laying and Maintenance Equipment Operators	260	252	-8	-3.08%	4	18	-1	21	HS	None	MTOJT
47-4071	Septic Tank Servicers and Sewer Pipe Cleaners	64	79	15	23.44%	2	6	2	10	HS	None	MTOJT
47-4090	Miscellaneous Construction and Related Workers	187	197	10	5.35%	6	16	1	23	HS	None	MTOJT
47-5000	Extraction Workers	2,034	2,096	62	3.05%	54	187	6	247			
47-5011	Derrick Operators, Oil and Gas	49	49	0	0.00%	1	5	0	6	NFE	None	STOJT
47-5013	Service Unit Operators, Oil, Gas, and Mining	646	625	-21	-3.25%	13	62	-2	73	NFE	None	MTOJT
47-5022	Excavating and Loading Machine and Dragline Operators, Surface Mining	364	385	21	5.77%	12	32	2	46	HS	<5	MTOJT
47-5041	Continuous Mining Machine Operators	183	189	6	3.28%	6	16	1	23	NFE	None	MTOJT
47-5051	Rock Splitters, Quarry	78	83	5	6.41%	2	7	0	9	NFE	None	STOJT
47-5071	Roustabouts, Oil and Gas	217	228	11	5.07%	5	22	1	28	NFE	None	MTOJT
47-5097	Earth Drillers, Except Oil and Gas; and Explosives Workers, Ordnance Handling Experts, and Blasters	434	473	39	8.99%	14	39	4	57	HS	<5	LTOJT
49-0000	INSTALLATION, MAINTENANCE, AND REPAIR OCCUPATIONS	59,841	65,243	5,402	9.03%	1,938	3,961	540	6,439			
49-1000	Supervisors of Installation, Maintenance, and Repair Workers	5,868	6,280	412	7.02%	176	361	41	578			
49-1011	First-Line Supervisors of Mechanics, Installers, and Repairers	5,868	6,280	412	7.02%	176	361	41	578	HS	<5	None
49-2000	Electrical and Electronic Equipment Mechanics, Installers, and Repairers	5,038	5,045	7	0.14%	156	354	1	511			
49-2011	Computer, Automated Teller, and Office Machine Repairers	744	734	-10	-1.34%	22	56	-1	77	SC	None	STOJT
49-2021	Radio, Cellular, and Tower Equipment Installers and Repairers	52	62	10	19.23%	2	4	1	7	AD	None	MTOJT

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Standard Occupational Classification		Employment		Change		Annual Separations		Annual Openings		Education/Training Assignment		
Code	Title	2020 Estimated	2030 Projected	Numeric	Percent	Exits	Transfers	Change	Total	Education	Work Experience	Job Training
49-2022	Telecommunications Equipment Installers and Repairers, Except Line Installers	1,870	1,804	-66	-3.53%	64	141	-7	198	PS	None	MTOJT
49-2092	Electric Motor, Power Tool, and Related Repairers	93	92	-1	-1.08%	4	5	0	9	HS	<5	MTOJT
49-2093	Electrical and Electronics Installers and Repairers, Transportation Equipment	292	286	-6	-2.05%	8	14	-1	21	PS	None	LTOJT
49-2094	Electrical and Electronics Repairers, Commercial and Industrial Equipment	417	440	23	5.52%	12	21	2	35	PS	None	LTOJT
49-2095	Electrical and Electronics Repairers, Powerhouse, Substation, and Relay	286	303	17	5.94%	8	15	2	25	PS	<5	MTOJT
49-2097	Electronic Home Entertainment Equipment Installers and Repairers	567	528	-39	-6.88%	18	40	-4	54	PS	None	STOJT
49-2098	Security and Fire Alarm Systems Installers	680	759	79	11.62%	17	55	8	80	HS	None	MTOJT
49-3000	Vehicle and Mobile Equipment Mechanics, Installers, and Repairers	16,881	17,973	1,092	6.47%	530	1,152	109	1,791			
49-3011	Aircraft Mechanics and Service Technicians	987	1,120	133	13.48%	30	55	13	98	PS	None	None
49-3021	Automotive Body and Related Repairers	1,471	1,549	78	5.30%	48	90	8	146	HS	None	LTOJT
49-3023	Automotive Service Technicians and Mechanics	5,381	5,459	78	1.45%	161	368	8	537	PS	None	STOJT
49-3031	Bus and Truck Mechanics and Diesel Engine Specialists	3,877	4,134	257	6.63%	114	250	26	390	HS	None	LTOJT
49-3041	Farm Equipment Mechanics and Service Technicians	1,002	1,173	171	17.07%	32	74	17	123	HS	None	LTOJT
49-3042	Mobile Heavy Equipment Mechanics, Except Engines	1,406	1,589	183	13.02%	45	101	18	164	HS	None	LTOJT
49-3043	Rail Car Repairers	233	235	2	0.86%	7	16	0	23	HS	None	LTOJT
49-3051	Motorboat Mechanics and Service Technicians	356	418	62	17.42%	17	26	6	49	HS	None	LTOJT
49-3052	Motorcycle Mechanics	185	216	31	16.76%	9	13	3	25	PS	None	STOJT
49-3053	Outdoor Power Equipment and Other Small Engine Mechanics	407	420	13	3.19%	18	27	1	46	HS	None	MTOJT
49-3092	Recreational Vehicle Service Technicians	199	250	51	25.63%	7	19	5	31	HS	None	LTOJT
49-3093	Tire Repairers and Changers	1,300	1,324	24	1.85%	40	109	2	151	HS	None	STOJT

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Standard Occupational Classification		Employment		Change		Annual Separations		Annual Openings		Education/Training Assignment		
Code	Title	2020 Estimated	2030 Projected	Numeric	Percent	Exits	Transfers	Change	Total	Education	Work Experience	Job Training
49-9000	<i>Other Installation, Maintenance, and Repair Occupations</i>	32,054	35,945	3,891	12.14%	1,076	2,093	389	3,558			
49-9011	Mechanical Door Repairers	532	659	127	23.87%	14	34	13	61	HS	None	MTOJT
49-9012	Control and Valve Installers and Repairers, Except Mechanical Door	494	484	-10	-2.02%	11	28	-1	38	HS	None	MTOJT
49-9021	Heating, Air Conditioning, and Refrigeration Mechanics and Installers	3,430	3,620	190	5.54%	90	240	19	349	PS	None	LTOJT
49-9031	Home Appliance Repairers	314	272	-42	-13.38%	11	17	-4	24	HS	None	MTOJT
49-9041	Industrial Machinery Mechanics	7,069	8,894	1,825	25.82%	245	431	182	858	HS	None	LTOJT
49-9043	Maintenance Workers, Machinery	626	721	95	15.18%	22	37	10	69	HS	None	LTOJT
49-9044	Millwrights	919	1,013	94	10.23%	28	55	9	92	HS	None	App.
49-9051	Electrical Power-Line Installers and Repairers	1,936	2,128	192	9.92%	38	137	19	194	HS	None	LTOJT
49-9052	Telecommunications Line Installers and Repairers	1,365	1,435	70	5.13%	31	118	7	156	HS	None	LTOJT
49-9062	Medical Equipment Repairers	519	557	38	7.32%	24	32	4	60	AD	None	MTOJT
49-9069	Precision Instrument and Equipment Repairers, All Other	143	151	8	5.59%	6	9	1	16	HS	None	LTOJT
49-9071	Maintenance and Repair Workers, General	11,100	12,186	1,086	9.78%	410	679	109	1,198	HS	None	MTOJT
49-9091	Coin, Vending, and Amusement Machine Servicers and Repairers	116	132	16	13.79%	5	9	2	16	HS	None	STOJT
49-9094	Locksmiths and Safe Repairers	113	111	-2	-1.77%	4	7	0	11	HS	None	LTOJT
49-9096	Riggers	41	45	4	9.76%	1	3	0	4	HS	None	MTOJT
49-9097	Signal and Track Switch Repairers	67	64	-3	-4.48%	2	4	0	6	HS	None	MTOJT
49-9098	Helpers--Installation, Maintenance, and Repair Workers	1,564	1,677	113	7.23%	70	136	11	217	HS	None	STOJT
49-9099	Installation, Maintenance, and Repair Workers, All Other	1,627	1,715	88	5.41%	59	112	9	180	HS	None	MTOJT
51-0000	PRODUCTION OCCUPATIONS	114,543	117,740	3,197	2.79%	4,326	8,465	320	13,111			
51-1000	<i>Supervisors of Production Workers</i>	8,959	9,640	681	7.60%	280	626	68	974			
51-1011	First-Line Supervisors of Production and Operating Workers	8,959	9,640	681	7.60%	280	626	68	974	HS	<5	None
51-2000	<i>Assemblers and Fabricators</i>	16,480	15,859	-621	-3.77%	604	1,146	-62	1,688			

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Standard Occupational Classification		Employment		Change		Annual Separations		Annual Openings		Education/Training Assignment		
Code	Title	2020 Estimated	2030 Projected	Numeric	Percent	Exits	Transfers	Change	Total	Education	Work Experience	Job Training
51-2011	Aircraft Structure, Surfaces, Rigging, and Systems Assemblers	152	137	-15	-9.87%	6	10	-2	14	HS	None	MTOJT
51-2021	Coil Winders, Tapers, and Finishers	334	261	-73	-21.86%	12	19	-7	24	HS	None	MTOJT
51-2028	Electrical, Electronic, and Electromechanical Assemblers, Except Coil Winders, Tapers, and Finishers	2,041	2,101	60	2.94%	83	133	6	222	HS	None	MTOJT
51-2031	Engine and Other Machine Assemblers	540	432	-108	-20.00%	17	36	-11	42	HS	None	MTOJT
51-2041	Structural Metal Fabricators and Fitters	1,034	957	-77	-7.45%	22	79	-8	93	HS	None	MTOJT
51-2051	Fiberglass Laminators and Fabricators	390	447	57	14.62%	16	30	6	52	HS	None	MTOJT
51-2090	Miscellaneous Assemblers and Fabricators	11,989	11,524	-465	-3.88%	449	839	-46	1,242	HS	None	MTOJT
51-3000	Food Processing Workers	17,515	18,850	1,335	7.62%	764	1,332	134	2,230			
51-3011	Bakers	1,161	1,401	240	20.67%	71	96	24	191	NFE	None	LTOJT
51-3021	Butchers and Meat Cutters	938	993	55	5.86%	39	72	6	117	NFE	None	LTOJT
51-3022	Meat, Poultry, and Fish Cutters and Trimmers	9,512	10,123	611	6.42%	400	728	61	1,189	NFE	None	STOJT
51-3023	Slaughterers and Meat Packers	799	842	43	5.38%	33	61	4	98	NFE	None	STOJT
51-3091	Food and Tobacco Roasting, Baking, and Drying Machine Operators and Tenders	30	32	2	6.67%	1	2	0	3	NFE	None	MTOJT
51-3092	Food Batchmakers	1,924	2,089	165	8.58%	93	150	16	259	HS	None	MTOJT
51-3093	Food Cooking Machine Operators and Tenders	285	315	30	10.53%	21	30	3	54	HS	None	MTOJT
51-3099	Food Processing Workers, All Other	2,866	3,055	189	6.59%	105	193	19	317	NFE	None	MTOJT
51-4000	Metal Workers and Plastic Workers	19,906	20,950	1,044	5.24%	632	1,448	104	2,184			
51-4021	Extruding and Drawing Machine Setters, Operators, and Tenders, Metal and Plastic	1,516	1,544	28	1.85%	53	94	3	150	HS	None	MTOJT
51-4023	Rolling Machine Setters, Operators, and Tenders, Metal and Plastic	759	828	69	9.09%	28	49	7	84	HS	None	MTOJT
51-4031	Cutting, Punching, and Press Machine Setters, Operators, and Tenders, Metal and Plastic	2,244	2,243	-1	-0.04%	71	154	0	225	HS	None	MTOJT
51-4033	Grinding, Lapping, Polishing, and Buffing Machine Tool Setters, Operators, and Tenders, Metal and Plastic	552	521	-31	-5.62%	24	37	-3	58	HS	None	MTOJT

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Standard Occupational Classification		Employment		Change		Annual Separations		Annual Openings		Education/Training Assignment		
Code	Title	2020 Estimated	2030 Projected	Numeric	Percent	Exits	Transfers	Change	Total	Education	Work Experience	Job Training
51-4034	Lathe and Turning Machine Tool Setters, Operators, and Tenders, Metal and Plastic	329	331	2	0.61%	11	22	0	33	HS	None	MTOJT
51-4035	Milling and Planing Machine Setters, Operators, and Tenders, Metal and Plastic	114	104	-10	-8.77%	4	7	-1	10	HS	None	MTOJT
51-4041	Machinists	2,372	2,577	205	8.64%	83	168	20	271	HS	None	LTOJT
51-4051	Metal-Refining Furnace Operators and Tenders	282	344	62	21.99%	7	22	6	35	HS	None	MTOJT
51-4052	Pourers and Casters, Metal	82	89	7	8.54%	2	6	1	9	HS	None	MTOJT
51-4071	Foundry Mold and Coremakers	85	77	-8	-9.41%	3	6	-1	8	HS	None	MTOJT
51-4072	Molding, Coremaking, and Casting Machine Setters, Operators, and Tenders, Metal and Plastic	1,614	1,595	-19	-1.18%	52	109	-2	159	HS	None	MTOJT
51-4081	Multiple Machine Tool Setters, Operators, and Tenders, Metal and Plastic	1,657	1,862	205	12.37%	57	119	20	196	HS	None	MTOJT
51-4111	Tool and Die Makers	568	577	9	1.58%	21	36	1	58	PS	None	LTOJT
51-4121	Welders, Cutters, Solderers, and Brazers	5,459	5,997	538	9.86%	151	452	54	657	HS	None	MTOJT
51-4122	Welding, Soldering, and Brazing Machine Setters, Operators, and Tenders	1,177	1,189	12	1.02%	31	93	1	125	HS	None	MTOJT
51-4191	Heat Treating Equipment Setters, Operators, and Tenders, Metal and Plastic	190	193	3	1.58%	6	13	0	19	HS	None	MTOJT
51-4193	Plating and Coating Machine Setters, Operators, and Tenders, Metal and Plastic	375	380	5	1.33%	12	26	0	38	HS	None	MTOJT
51-4194	Tool Grinders, Filers, and Sharpeners	172	164	-8	-4.65%	6	11	-1	16	HS	None	MTOJT
51-4199	Metal Workers and Plastic Workers, All Other	212	199	-13	-6.13%	7	14	-1	20	HS	None	MTOJT
51-5100	Printing Workers	2,193	2,007	-186	-8.48%	81	148	-19	210			
51-5111	Prepress Technicians and Workers	147	133	-14	-9.52%	5	13	-1	17	PS	None	None
51-5112	Printing Press Operators	1,664	1,542	-122	-7.33%	58	113	-12	159	HS	None	MTOJT
51-5113	Print Binding and Finishing Workers	382	332	-50	-13.09%	18	22	-5	35	HS	None	MTOJT

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Standard Occupational Classification		Employment		Change		Annual Separations		Annual Openings		Education/Training Assignment		
Code	Title	2020 Estimated	2030 Projected	Numeric	Percent	Exits	Transfers	Change	Total	Education	Work Experience	Job Training
51-6000	Textile, Apparel, and Furnishings Workers	4,009	3,800	-209	-5.21%	231	247	-21	457			
51-6011	Laundry and Dry-Cleaning Workers	1,777	1,868	91	5.12%	118	122	9	249	NFE	None	STOJT
51-6021	Pressers, Textile, Garment, and Related Materials	226	195	-31	-13.72%	9	13	-3	19	NFE	None	STOJT
51-6031	Sewing Machine Operators	640	558	-82	-12.81%	36	32	-8	60	NFE	None	STOJT
51-6052	Tailors, Dressmakers, and Custom Sewers	87	83	-4	-4.60%	7	4	0	11	NFE	None	MTOJT
51-6062	Textile Cutting Machine Setters, Operators, and Tenders	66	56	-10	-15.15%	3	4	-1	6	HS	None	MTOJT
51-6064	Textile Winding, Twisting, and Drawing Out Machine Setters, Operators, and Tenders	329	285	-44	-13.37%	16	20	-4	32	HS	None	MTOJT
51-6093	Upholsterers	123	127	4	3.25%	4	7	0	11	HS	None	MTOJT
51-6099	Textile, Apparel, and Furnishings Workers, All Other	36	32	-4	-11.11%	2	2	0	4	HS	None	STOJT
51-7000	Woodworkers	4,093	4,457	364	8.89%	149	289	36	474			
51-7011	Cabinetmakers and Bench Carpenters	1,290	1,298	8	0.62%	49	72	1	122	HS	None	MTOJT
51-7021	Furniture Finishers	78	77	-1	-1.28%	5	6	0	11	HS	None	STOJT
51-7041	Sawing Machine Setters, Operators, and Tenders, Wood	1,261	1,379	118	9.36%	47	100	12	159	HS	None	MTOJT
51-7042	Woodworking Machine Setters, Operators, and Tenders, Except Sawing	1,278	1,485	207	16.20%	41	100	21	162	HS	None	MTOJT
51-7099	Woodworkers, All Other	186	218	32	17.20%	8	11	3	22	HS	None	MTOJT
51-8000	Plant and System Operators	3,971	4,029	58	1.46%	115	270	6	391			
51-8012	Power Distributors and Dispatchers	336	348	12	3.57%	9	23	1	33	HS	None	LTOJT
51-8013	Power Plant Operators	275	260	-15	-5.45%	7	18	-2	23	HS	None	LTOJT
51-8021	Stationary Engineers and Boiler Operators	401	409	8	2.00%	20	29	1	50	HS	None	LTOJT
51-8031	Water and Wastewater Treatment Plant and System Operators	1,887	1,934	47	2.49%	54	118	5	177	HS	None	LTOJT
51-8091	Chemical Plant and System Operators	296	310	14	4.73%	7	24	1	32	HS	None	MTOJT
51-8092	Gas Plant Operators	193	176	-17	-8.81%	4	14	-2	16	HS	None	LTOJT
51-8093	Petroleum Pump System Operators, Refinery Operators, and Gaugers	306	337	31	10.13%	8	25	3	36	HS	None	MTOJT
51-9000	Other Production Occupations	37,417	38,148	731	1.95%	1,470	2,960	73	4,503			

2020-2030 Statewide Occupational Projections

Standard Occupational Classification		Employment		Change		Annual Separations		Annual Openings		Education/Training Assignment		
Code	Title	2020 Estimated	2030 Projected	Numeric	Percent	Exits	Transfers	Change	Total	Education	Work Experience	Job Training
51-9011	Chemical Equipment Operators and Tenders	986	980	-6	-0.61%	22	76	-1	97	HS	None	MTOJT
51-9012	Separating, Filtering, Clarifying, Precipitating, and Still Machine Setters, Operators, and Tenders	630	664	34	5.40%	14	50	3	67	HS	None	MTOJT
51-9021	Crushing, Grinding, and Polishing Machine Setters, Operators, and Tenders	737	758	21	2.85%	25	56	2	83	HS	None	MTOJT
51-9022	Grinding and Polishing Workers, Hand	525	498	-27	-5.14%	17	38	-3	52	NFE	None	MTOJT
51-9023	Mixing and Blending Machine Setters, Operators, and Tenders	1,448	1,575	127	8.77%	51	113	13	177	HS	None	MTOJT
51-9031	Cutters and Trimmers, Hand	27	20	-7	-25.93%	1	2	-1	2	NFE	None	STOJT
51-9032	Cutting and Slicing Machine Setters, Operators, and Tenders	818	831	13	1.59%	37	62	1	100	HS	None	MTOJT
51-9041	Extruding, Forming, Pressing, and Compacting Machine Setters, Operators, and Tenders	1,131	1,196	65	5.75%	32	86	6	124	HS	None	MTOJT
51-9051	Furnace, Kiln, Oven, Drier, and Kettle Operators and Tenders	281	312	31	11.03%	10	18	3	31	HS	None	MTOJT
51-9061	Inspectors, Testers, Sorters, Samplers, and Weighers	6,127	5,648	-479	-7.82%	226	467	-48	645	HS	None	MTOJT
51-9071	Jewelers and Precious Stone and Metal Workers	165	164	-1	-0.61%	9	11	0	20	HS	None	LTOJT
51-9081	Dental Laboratory Technicians	334	374	40	11.98%	16	29	4	49	HS	None	MTOJT
51-9082	Medical Appliance Technicians	75	83	8	10.67%	4	6	1	11	HS	None	MTOJT
51-9083	Ophthalmic Laboratory Technicians	241	279	38	15.77%	12	21	4	37	HS	None	MTOJT
51-9111	Packaging and Filling Machine Operators and Tenders	4,102	4,306	204	4.97%	173	279	20	472	HS	None	MTOJT
51-9123	Painting, Coating, and Decorating Workers	61	63	2	3.28%	2	4	0	6	NFE	None	MTOJT
51-9124	Coating, Painting, and Spraying Machine Setters, Operators, and Tenders	1,637	1,790	153	9.35%	47	123	15	185	HS	None	MTOJT
51-9161	Computer Numerically Controlled Tool Operators	2,005	1,994	-11	-0.55%	68	148	-1	215	HS	None	MTOJT
51-9162	Computer Numerically Controlled Tool Programmers	260	330	70	26.92%	10	22	7	39	PS	None	MTOJT

2020-2030 Statewide Occupational Projections

Standard Occupational Classification		Employment		Change		Annual Separations		Annual Openings		Education/Training Assignment		
Code	Title	2020 Estimated	2030 Projected	Numeric	Percent	Exits	Transfers	Change	Total	Education	Work Experience	Job Training
51-9191	Adhesive Bonding Machine Operators and Tenders	346	367	21	6.07%	20	24	2	46	HS	None	MTOJT
51-9192	Cleaning, Washing, and Metal Pickling Equipment Operators and Tenders	147	162	15	10.20%	5	11	2	18	HS	None	MTOJT
51-9193	Cooling and Freezing Equipment Operators and Tenders	350	383	33	9.43%	12	27	3	42	HS	None	MTOJT
51-9195	Molders, Shapers, and Casters, Except Metal and Plastic	248	285	37	14.92%	10	18	4	32	HS	None	LTOJT
51-9196	Paper Goods Machine Setters, Operators, and Tenders	2,584	2,446	-138	-5.34%	113	167	-14	266	HS	None	MTOJT
51-9198	Helpers--Production Workers	8,995	9,073	78	0.87%	424	851	8	1,283	HS	None	STOJT
51-9199	Production Workers, All Other	2,656	3,005	349	13.14%	97	209	35	341	HS	None	MTOJT
53-0000	TRANSPORTATION AND MATERIAL MOVING OCCUPATIONS	137,173	151,226	14,053	10.24%	6,555	11,077	1,405	19,037			
53-1000	<i>Supervisors of Transportation and Material Moving Workers</i>	5,272	5,651	379	7.19%	199	379	38	616			
53-1041	Aircraft Cargo Handling Supervisors	20	22	2	10.00%	1	2	0	3	HS	<5	None
53-1047	First-Line Supervisors of Transportation & Material Moving Workers, Exc Aircraft Cargo Handling Supervisor	5,252	5,629	377	7.18%	198	377	38	613	HS	<5	None
53-2000	<i>Air Transportation Workers</i>	623	678	55	8.83%	23	46	6	75			
53-2011	Airline Pilots, Copilots, and Flight Engineers	213	238	25	11.74%	8	16	2	26	BD	<5	MTOJT
53-2012	Commercial Pilots	292	314	22	7.53%	11	21	2	34	HS	None	MTOJT
53-3000	<i>Motor Vehicle Operators</i>	60,289	66,812	6,523	10.82%	2,862	4,128	652	7,642			
53-3031	Driver/Sales Workers	3,260	3,771	511	15.67%	144	238	51	433	HS	None	STOJT
53-3032	Heavy and Tractor-Trailer Truck Drivers	38,782	41,838	3,056	7.88%	1,651	2,733	306	4,690	PS	None	STOJT
53-3033	Light Truck or Delivery Services Drivers	9,077	10,063	986	10.86%	392	649	99	1,140	HS	None	STOJT
53-3052	Bus Drivers, Transit and Intercity	548	605	57	10.40%	38	29	6	73	HS	None	MTOJT
53-3058	Passenger Vehicle Drivers, Except Bus Drivers, Transit and Intercity	8,413	10,308	1,895	22.52%	616	465	190	1,271	NFE	None	STOJT
53-4000	<i>Rail Transportation Workers</i>	2,152	2,086	-66	-3.07%	48	138	-7	179			
53-4011	Locomotive Engineers	766	736	-30	-3.92%	17	49	-3	63	HS	<5	MTOJT

2020-2030 Statewide Occupational Projections

Standard Occupational Classification		Employment		Change		Annual Separations		Annual Openings		Education/Training Assignment		
Code	Title	2020 Estimated	2030 Projected	Numeric	Percent	Exits	Transfers	Change	Total	Education	Work Experience	Job Training
53-4022	Railroad Brake, Signal, and Switch Operators and Locomotive Firers	481	464	-17	-3.53%	11	31	-2	40	HS	None	MTOJT
53-4031	Railroad Conductors and Yardmasters	759	731	-28	-3.69%	17	48	-3	62	HS	None	MTOJT
53-5000	Water Transportation Workers	82	82	0	0.00%	2	7	0	9			
53-5011	Sailors and Marine Oilers	57	55	-2	-3.51%	2	5	0	7	NFE	None	MTOJT
53-5021	Captains, Mates, and Pilots of Water Vessels	22	22	0	0.00%	1	2	0	3	PS	<5	None
53-6000	Other Transportation Workers	2,405	2,605	200	8.32%	118	220	20	358			
53-6011	Bridge and Lock Tenders	72	71	-1	-1.39%	3	6	0	9	HS	None	STOJT
53-6021	Parking Lot Attendants	303	317	14	4.62%	15	32	1	48	NFE	None	STOJT
53-6031	Automotive and Watercraft Service Attendants	1,586	1,705	119	7.50%	76	146	12	234	NFE	None	STOJT
53-6051	Transportation Inspectors	204	218	14	6.86%	7	15	1	23	HS	None	MTOJT
53-6098	Aircraft Service Attendants and Transportation Workers, All Other	110	132	22	20.00%	6	11	2	19	HS	None	STOJT
53-7000	Material Moving Workers	66,350	73,312	6,962	10.49%	3,304	6,160	696	10,160			
53-7011	Conveyor Operators and Tenders	373	409	36	9.65%	12	34	4	50	NFE	None	STOJT
53-7021	Crane and Tower Operators	728	843	115	15.80%	21	60	12	93	HS	<5	MTOJT
53-7041	Hoist and Winch Operators	107	125	18	16.82%	4	10	2	16	NFE	None	STOJT
53-7051	Industrial Truck and Tractor Operators	9,054	10,107	1,053	11.63%	288	735	105	1,128	NFE	None	STOJT
53-7061	Cleaners of Vehicles and Equipment	5,765	6,180	415	7.20%	292	532	42	866	NFE	None	STOJT
53-7062	Laborers and Freight, Stock, and Material Movers, Hand	20,378	22,278	1,900	9.32%	933	1,856	190	2,979	NFE	None	STOJT
53-7063	Machine Feeders and Offbearers	1,434	1,556	122	8.51%	85	110	12	207	NFE	None	STOJT
53-7064	Packers and Packagers, Hand	5,530	5,781	251	4.54%	322	458	25	805	NFE	None	STOJT
53-7065	Stockers and Order Fillers	20,212	22,911	2,699	13.35%	1,227	2,103	270	3,600	HS	None	STOJT
53-7081	Refuse and Recyclable Material Collectors	2,325	2,648	323	13.89%	105	224	32	361	NFE	None	STOJT
53-7121	Tank Car, Truck, and Ship Loaders	112	131	19	16.96%	4	10	2	16	NFE	None	STOJT
53-7199	Material Moving Workers, All Other	156	171	15	9.62%	5	14	2	21	NFE	None	STOJT

Education Outlook

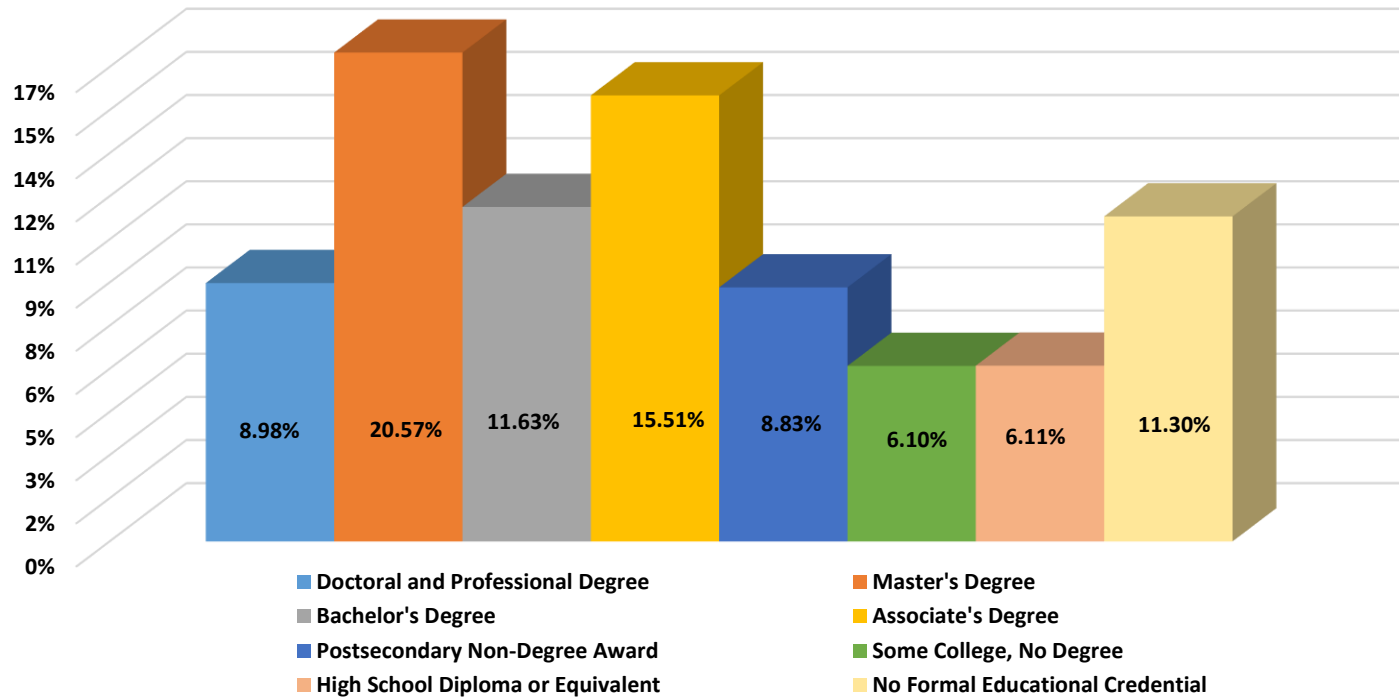
Occupational Projections by Education/Training Level

Education	2020 Estimated Employment	2030 Projected Employment	Numeric Change	Percent Change	Annual Exits	Annual Transfers	Annual Change	Total Annual Openings
Doctoral or Professional Degree	29,028	31,636	2,608	8.98%	834	849	259	1,942
Master's Degree	21,624	26,073	4,449	20.57%	693	1,070	442	2,205
Bachelor's Degree	269,675	301,036	31,361	11.63%	7,937	14,551	3,138	25,626
Associate's Degree	23,683	27,357	3,674	15.51%	844	1,465	365	2,674
Postsecondary Non-Degree Award	111,087	120,897	9,810	8.83%	4,804	6,945	979	12,728
Some College, No Degree	27,963	29,669	1,706	6.10%	1,341	1,467	170	2,978
High School Diploma or Equivalent	576,916	612,171	35,255	6.11%	25,533	39,144	3,527	68,204
No Formal Educational Credential	314,472	349,996	35,524	11.30%	20,637	29,033	3,560	53,230

Occupations requiring a no formal educational credential are likely to add 35,524 jobs during the projection period. Occupations requiring a high school diploma or equivalent could add 35,255 jobs, but also have 68,204 annual job openings between 2020 and 2030. Job seekers with at least an Associate's Degree could see 42,092 new jobs and 32,447 annual job openings when they are ready to enter the workforce.

Jobs requiring a Master's Degree could see the largest percent change, with a 20.57 percent gain in employment over the 10-year period. Every educational category is forecasted to see net gains in jobs.

Percent Growth by Educational Level



Top 10 Occupations by Educational Level

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

SOC Code	SOC Title	2020 Estimated Employment	2030 Projected Employment	Numeric Change	Percent Change	Annual Openings-Exits	Annual Openings-Transfers	Annual Openings-Change	Annual Openings-Total
35-3023	Fast Food and Counter Workers	36,376	42,966	6,590	18.12%	3,846	4,194	659	8,699
41-2031	Retail Salespersons	37,390	39,307	1,917	5.13%	2,144	3,168	192	5,504
41-2011	Cashiers	27,513	27,007	-506	-1.84%	2,319	2,610	-51	4,878
11-9013	Farmers, Ranchers, and Other Agricultural Managers	46,341	44,427	-1,914	-4.13%	2,800	1,577	-191	4,186
35-3031	Waiters and Waitresses	17,013	20,639	3,626	21.31%	1,382	2,248	363	3,993
31-1120	Home Health and Personal Care Aides	21,902	28,347	6,445	29.43%	1,608	1,422	644	3,674
53-7065	Stockers and Order Fillers	20,212	22,911	2,699	13.35%	1,227	2,103	270	3,600
43-9061	Office Clerks, General	27,418	27,437	19	0.07%	1,497	1,626	2	3,125
37-2011	Janitors and Cleaners, Except Maids and Housekeeping Cleaners	21,190	22,837	1,647	7.77%	1,374	1,543	165	3,082
53-7062	Laborers and Freight, Stock, and Material Movers, Hand	20,378	22,278	1,900	9.32%	933	1,856	190	2,979

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

SOC Code	SOC Title	2020 Estimated Employment	2030 Projected Employment	Numeric Change	Percent Change	Annual Openings-Exits	Annual Openings-Transfers	Annual Openings-Change	Annual Openings-Total
53-3032	Heavy and Tractor-Trailer Truck Drivers	38,782	41,838	3,056	7.88%	1,651	2,733	306	4,690
31-1131	Nursing Assistants	18,428	20,051	1,623	8.81%	1,232	1,089	162	2,483
43-3031	Bookkeeping, Accounting, and Auditing Clerks	12,322	12,267	-55	-0.45%	720	628	-6	1,342
25-9045	Teaching Assistants, Except Postsecondary	9,984	11,375	1,391	13.93%	478	499	139	1,116
29-2061	Licensed Practical and Licensed Vocational Nurses	11,956	12,870	914	7.64%	419	518	91	1,028
25-2011	Preschool Teachers, Except Special Education	3,817	5,208	1,391	36.44%	185	263	139	587
49-3023	Automotive Service Technicians and Mechanics	5,381	5,459	78	1.45%	161	368	8	537
31-9092	Medical Assistants	3,624	4,250	626	17.27%	162	294	63	519
29-9098	Health Information Technologists, Medical Registrars, Surgical Assistants, & Healthcare Practitioners, AO	3,192	4,264	1,072	33.58%	102	160	107	369
39-5012	Hairdressers, Hairstylists, and Cosmetologists	3,189	3,338	149	4.67%	173	181	15	369

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

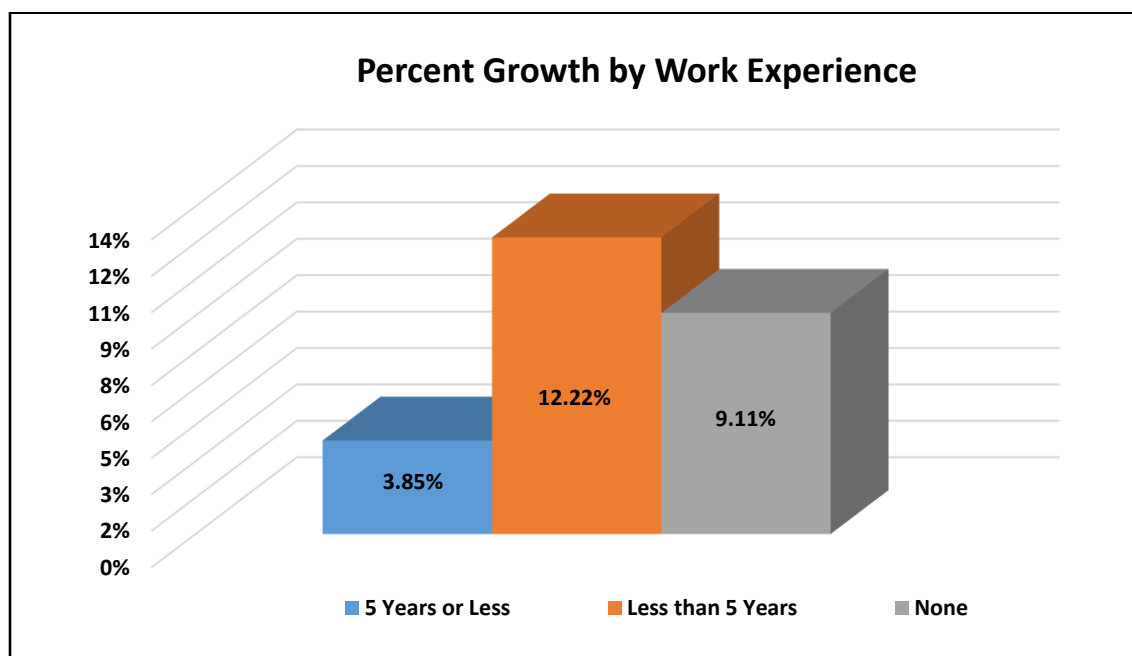
SOC Code	SOC Title	2020 Estimated Employment	2030 Projected Employment	Numeric Change	Percent Change	Annual Openings-Exits	Annual Openings-Transfers	Annual Openings-Change	Annual Openings-Total
11-1021	General and Operations Managers	22,345	25,044	2,699	12.08%	473	1,469	270	2,212
29-1141	Registered Nurses	25,892	28,236	2,344	9.05%	722	681	234	1,637
21-2011	Clergy	10,676	11,809	1,133	10.61%	461	649	113	1,223
25-2021	Elementary School Teachers, Except Special Education	11,962	12,973	1,011	8.45%	383	500	101	984
13-1198	Project Management Specialists and Business Operations Specialists, All Other	11,489	12,465	976	8.50%	278	587	98	963
15-1256	Software Developers and Software Quality Assurance Analysts and Testers	8,699	10,581	1,882	21.63%	224	473	188	885
25-2031	Secondary School Teachers, Except Special and Career/Technical Education	11,147	12,144	997	8.94%	309	472	100	881
13-2011	Accountants and Auditors	8,185	9,142	957	11.69%	242	513	96	851
13-1111	Management Analysts	6,806	7,974	1,168	17.16%	238	425	117	780
11-9111	Medical and Health Services Managers	5,801	7,667	1,866	32.17%	168	342	187	697

Work Experience Outlook

Work Experience	2020 Estimated Employment	2030 Projected Employment	Numeric Change	Percent Change	Annual Exits	Annual Transfers	Annual Change	Total Annual Openings
5 Years or More	100,007	103,857	3,850	3.85%	4,091	4,801	384	9,276
Less Than 5 Years	141,616	158,926	17,310	12.22%	5,284	9,841	1,733	16,858
None	1,132,825	1,236,052	103,227	9.11%	53,248	79,882	10,323	143,453

2020-2030 Occupational Projections by Work Experience

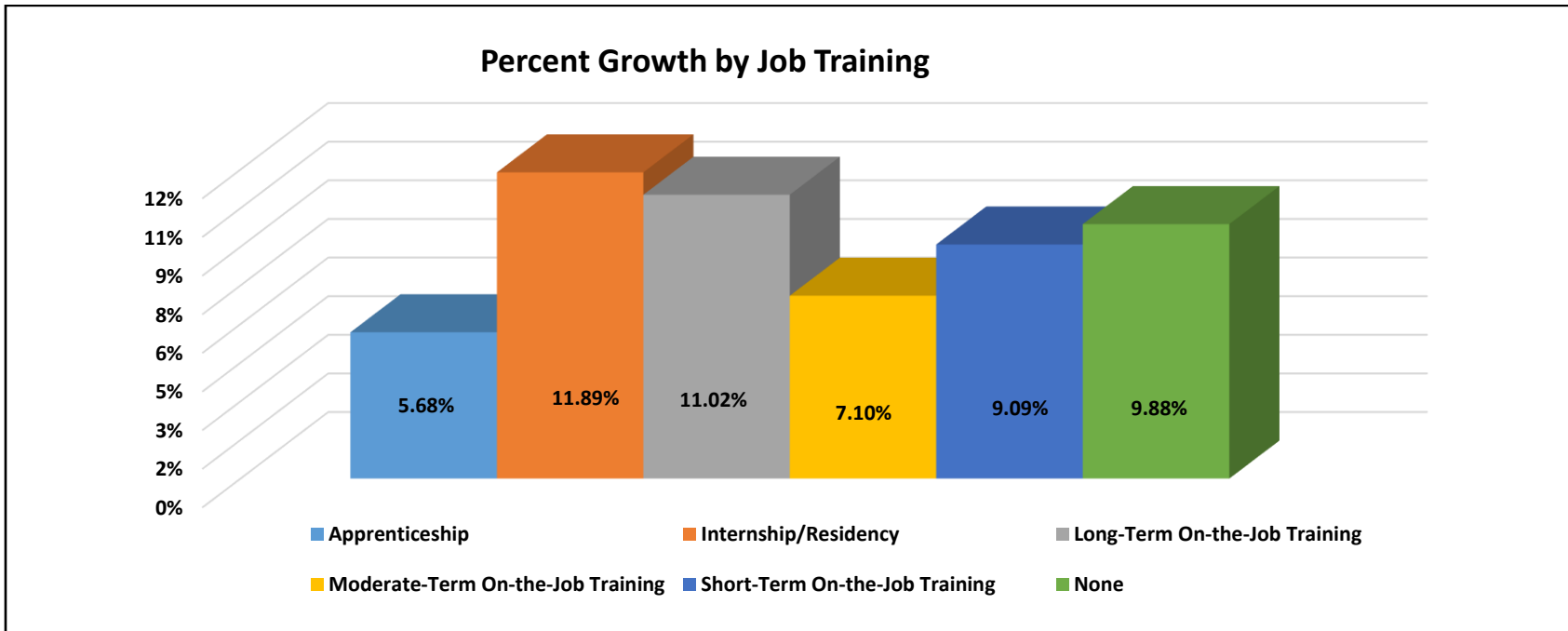
Many occupations require experience beyond formal educational training, but most do not. Occupations requiring no experience beyond formal education are projected to add the most jobs, with an expected 103,227 jobs added over the 10-year period. These occupations are also expected to see 143,453 total annual job openings over the projection period. For occupations requiring less than five years of experience, 17,310 new jobs are expected over the projections period, with 16,858 total annual openings expected. Occupations with five or more years of experience needed should see a net growth of 3,850 jobs over the projection period, with 9,276 annual openings over the 10-year period.



On-the-Job Training Outlook

Job Training	2020 Estimated Employment	2030 Projected Employment	Numeric Change	Percent Change	Annual Exits	Annual Transfers	Annual Change	Total Annual Openings
Apprenticeship	18,043	19,067	1,024	5.68%	535	1,282	102	1,919
Internship/residency	14,204	15,893	1,689	11.89%	331	462	167	960
Long-term On-the-Job Training	46,319	51,423	5,104	11.02%	1,562	2,972	510	5,044
Moderate-term On-the-Job Training	258,540	276,904	18,364	7.10%	9,648	17,623	1,832	29,103
Short-Term on-the-Job Training	541,072	590,234	49,162	9.09%	32,379	45,150	4,927	82,456
None	496,270	545,314	49,044	9.88%	18,168	27,035	4,902	50,105

Even with a formal education, many occupations require specialized on-the-job training before a person is fully viable in an occupation. All job training categories should see job gains. Internship/Residency will see the largest percent growth of 11.89 percent and should have 960 total annual openings. Occupations requiring Short-Term On-the-Job Training is slated see the largest net growth with 49,162 expected jobs over the projection period and 82,456 annual job openings.



Appendix: Definition of Education/Training Codes

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

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

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

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