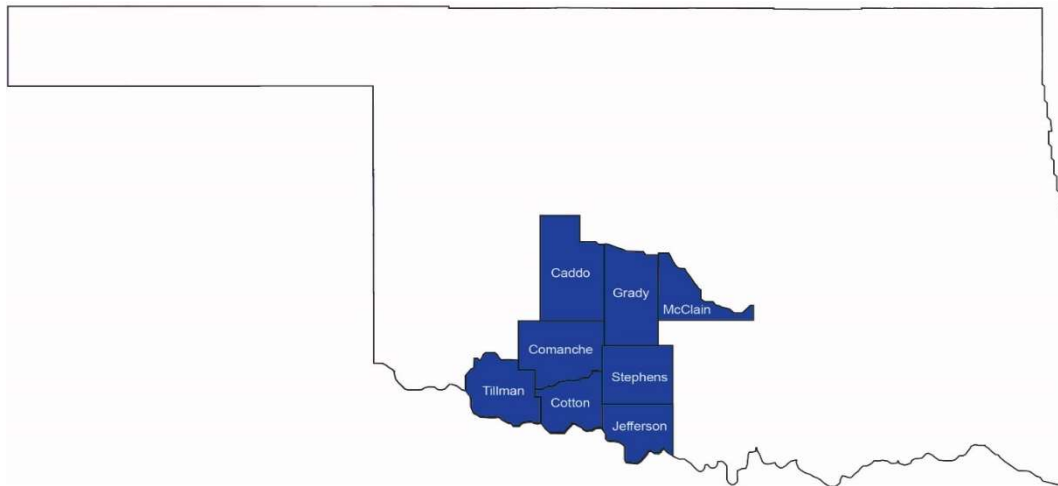


# SOUTH CENTRAL OKLAHOMA WORKFORCE DEVELOPMENT AREA



## 2022 LOCAL BRIEFING



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## Introduction

The South Central Oklahoma Workforce Development Area (WFDA) is composed of eight Oklahoma counties: Caddo, Comanche, Cotton, Grady, Jefferson, McClain, Stephens, and Tillman. According to the U.S. Census Bureau, this combined region of Oklahoma covers 7,151 square miles and is home to over 310,000 residents. The following briefing reviews the population, education, labor force, top industries by total jobs, and staffing patterns for state target sectors for the South Central Oklahoma WFDA.

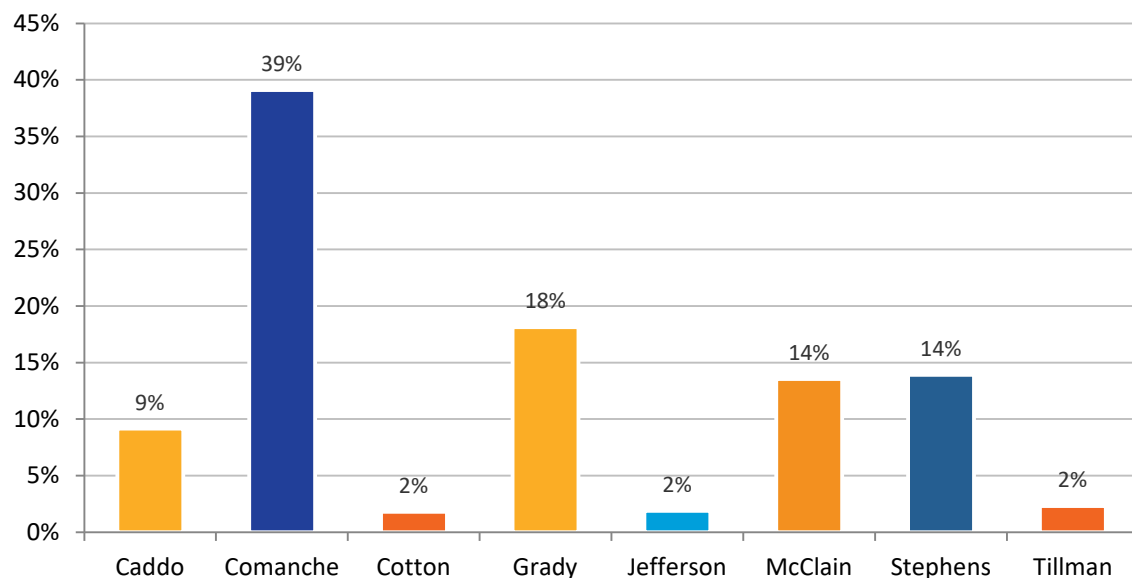
## Population

Between 2016 and 2021, the South Central WFDA grew by approximately 1%, from 308,279 to 310,546 people, or around 2,267 additional people. By 2026, the area is expected to grow by an additional 2% to 317,954 people. The following shows population figures and analyses by county, age, race, and ethnicity in the South Central WFDA.

### Population by County

Figure 1 shows the South Central WFDA population breakdown by county. Comanche County had the largest population, representing 39% of the population in the South Central WFDA. Grady County had the second largest population at 18%. Cotton, Jefferson, and Tillman counties made up the smallest percentages of the population at 2% each.

**Figure 1: Population by County**



Source: *Lightcast- economicmodeling.com- 2022.3*

Table 1 provides the population change from 2016 to 2021. During this period, all but two of South Central's counties decreased in population. McClain County experienced the largest increase during this period at 3,446 additional people. Grady also added a significant number of people to their population at 1,695. Alternatively, Caddo County experienced the largest population decrease at 1,176 fewer people.

**Table 1: Population by County**

County	2016	2021	Total Change
	Population	Population	
Caddo	29,696	28,520	-1,176
Comanche	121,554	121,494	-60
Cotton	5,924	5,622	-302
Grady	54,677	56,372	1,695
Jefferson	6,239	5,927	-312
McClain	38,625	42,071	3,446
Stephens	44,044	43,271	-773
Tillman	7,520	7,269	-251
<b>Total</b>	<b>308,279</b>	<b>310,546</b>	<b>2,267</b>

Source: Lightcast- economicmodeling.com- 2022.3

Table 2 shows the projected population change from 2021 to 2026. During this period, nearly all of South Central's counties are projected to grow in population. In particular, McClain County is projected to grow the most during this period with an additional 3,370 people by 2026. Caddo County will continue losing the greatest number of people out of all counties in the South Central WFDA at 529 fewer people by 2026.

**Table 2: Projected Population by County**

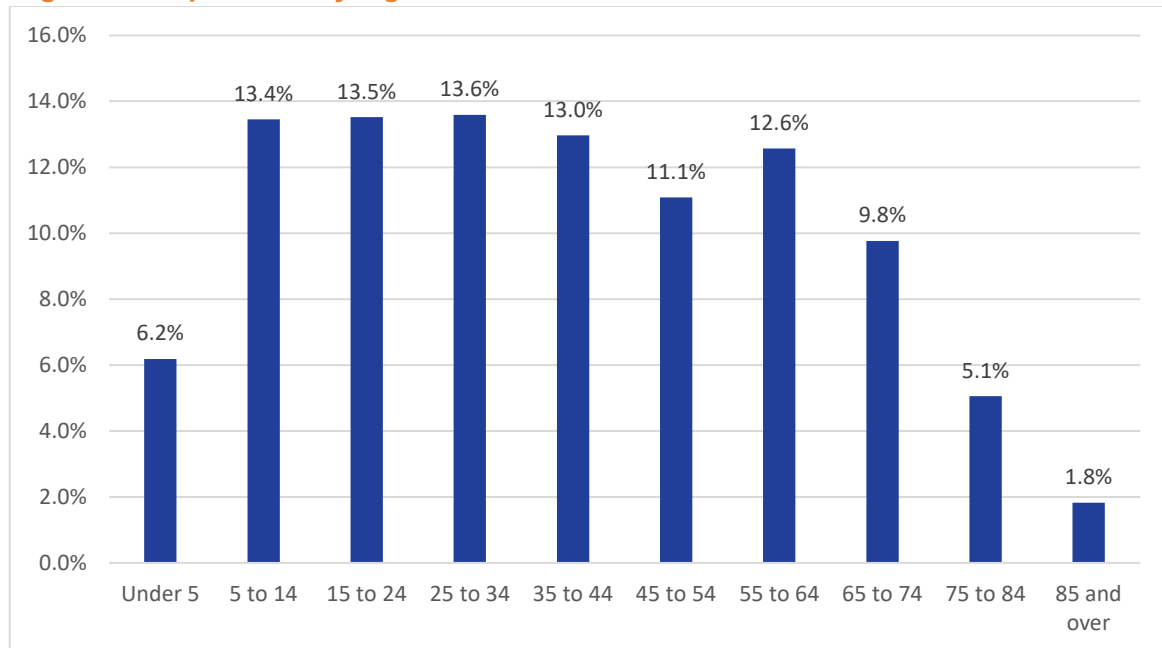
County	2021 Population	2026 Population	Total Change
Caddo	28,520	27,991	-529
Comanche	121,494	123,232	1,738
Cotton	5,622	5,514	-108
Grady	56,372	58,302	1,930
Jefferson	5,927	5,962	35
McClain	42,071	45,441	3,370
Stephens	43,271	43,905	634
Tillman	7,269	7,607	338
<b>Total</b>	<b>310,546</b>	<b>317,954</b>	<b>7,407</b>

Source: Lightcast- economicmodeling.com- 2022.3

## Population by Age

Figure 2 shows South Central's population by age in 2021. Individuals 25- to 34-years of age made up the largest percentage of the population at 13.6%. Individuals 15- to 24-years of age were next at 13.5%. Those aged 85-years and over made up the smallest percentage of the population at 1.8%.

**Figure 2: Population by Age**



Source: *Lightcast- economicmodeling.com- 2022.3*

Table 3 provides the population change by age group from 2016 to 2021. During this period, half of all age groups increased in population. In particular, all groups aged 55 and over grew in population while all younger age groups below 35 declined during this period. 65- to 74-year-olds grew the most at 3,981 while 35- to 44-year-olds were next at 2,581. 55- to 64-year-olds grew the least at just 132 more people since 2016. 45- to 54-year-olds declined the most during this period at 3,432 fewer people by 2021.

**Table 3: Population by Age**

Age	2016 Population	2021 Population	Total Change
Under 5	20,164	19,202	-962
5 to 14	42,250	41,762	-488
15 to 24	42,536	41,972	-564
25 to 34	43,106	42,184	-922
35 to 44	37,693	40,274	2,581
45 to 54	37,853	34,421	-3,432
55 to 64	38,897	39,029	132
65 to 74	26,338	30,319	3,981
75 to 84	14,170	15,707	1,537
85 and over	5,272	5,678	406
<b>Total</b>	<b>308,279</b>	<b>310,546</b>	<b>2,267</b>

Source: Lightcast - economicmodeling.com- 2022.3

Table 4 provides the population change by age group from 2021 to 2026. During this period, more than half of all age groups are projected to grow in population. All age groups above 65 are projected to continue growing while fewer young age groups are expected to decline. In particular, 65- to 74-year-olds will add the most people at 3,649 while 75- to 84-year-olds will grow by 3,108 more people. People ages 5 to 14 will grow the least, adding 289 more people in the next five years. Alternatively, 55- to 64-year-olds are projected to decline the most with 3,726 fewer people by 2026. The population of those under 5 is projected to continue declining during this period, at 449 fewer people.

**Table 4: Projected Population by Age**

Demographic	2021 Population	2026 Population	Total Change
Under 5	19,202	18,753	-449
5 to 14	41,762	42,051	289
15 to 24	41,972	42,860	887
25 to 34	42,184	41,147	-1,037
35 to 44	40,274	42,953	2,679
45 to 54	34,421	35,831	1,410
55 to 64	39,029	35,303	-3,726
65 to 74	30,319	33,968	3,649
75 to 84	15,707	18,815	3,108
85 years and over	5,678	6,274	596
<b>Total</b>	<b>310,546</b>	<b>317,954</b>	<b>7,407</b>

Source: Lightcast – economicmodeling.com – 2022.3

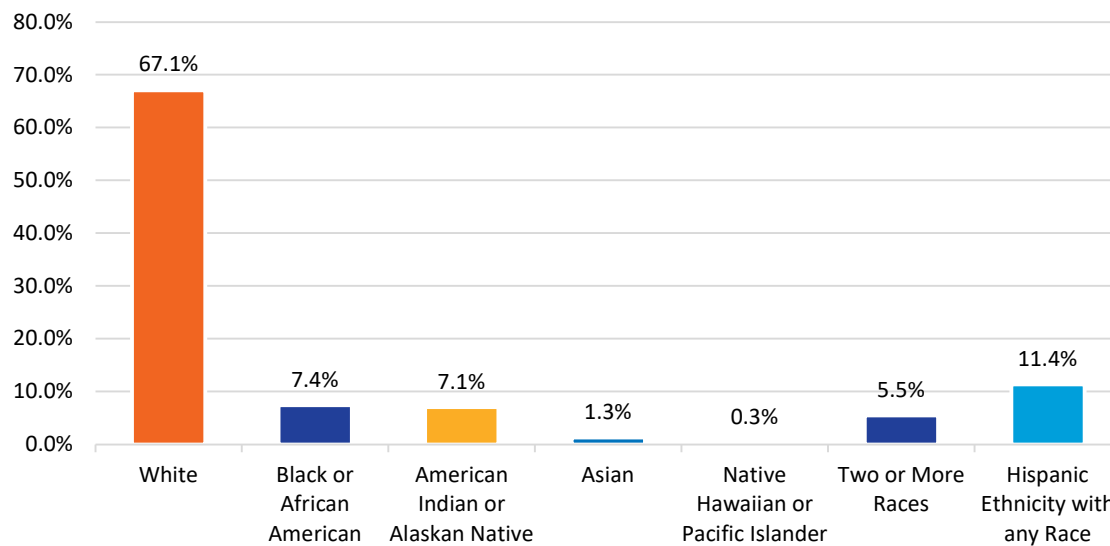


## Population by Race and Ethnicity

The following analyses used the racial and ethnicity categories designated by the U.S. Census Bureau. The Census Bureau categorizes “Hispanic” as an ethnicity rather than a race. As such, Hispanic is always reported in conjunction with another racial designator, i.e., “Black or African American, Hispanic.” Unless otherwise noted, individual races included in this briefing section were reported as Non-Hispanic.

Figure 3 provides the South Central WFDA population percentages by race and ethnicity. This figure shows that Whites made up the largest percentage of the population at 67.1%. Hispanic Ethnicity With Any Race made up the second largest percentage of the population at 11.4%. Native Hawaiians or Pacific Islanders made up the smallest percentage of the population at 0.3%.

**Figure 3: Population by Race and Ethnicity**



Source: *Lightcast- economicmodeling.com- 2022.3*

Table 5 provides the population change by demographic group from 2016 to 2021. During this period, more than half of all demographic groups grew in population. Hispanic Ethnicity with Any Race grew the most during this period at 3,149 additional people. Alternatively, Native Hawaiian or Pacific Islanders had the smallest increase in total population during this period at 59 additional people. The White population experienced the largest decline during this period at 1,702 fewer people.

**Table 5: Population by Race and Ethnicity**

Demographic	2016 Population	2021 Population	Total Change
White	210,036	208,334	-1,702
Black or African American	23,821	23,043	-778
American Indian or Alaskan Native	22,079	21,938	-141
Asian	3,899	4,040	141
Native Hawaiian or Pacific Islander	812	871	59
Two or More Races	15,453	16,991	1,538
Hispanic Ethnicity with Any Race	32,179	35,328	3,149
<b>Total</b>	<b>308,279</b>	<b>310,546</b>	<b>2,267</b>

Source: Lightcast - economicmodeling.com- 2022.3

Table 6 provides the projected population change by demographic group from 2021 to 2026. During this period, most demographic groups are expected to grow in population. The Hispanic population will continue to add the most people to the area with 4,090 additional people by 2026. Alternatively, Whites will add the least in total population at 148 additional people. The Black or African American population will continue to decline at 1,052 fewer people by 2026.

**Table 6: Projected Population by Race and Ethnicity**

Demographic	2021 Population	2026 Population	Total Change
White	208,334	208,482	148
Black or African American	23,043	21,991	-1,052
American Indian or Alaskan Native	21,938	22,488	549
Asian	4,040	4,591	550
Native Hawaiian or Pacific Islander	871	1,174	303
Two or More Races	16,991	19,810	2,818
Hispanic Ethnicity with Any Race	35,328	39,419	4,090
<b>Total</b>	<b>310,546</b>	<b>317,954</b>	<b>7,407</b>

Source: Lightcast – economicmodeling.com – 2022.3

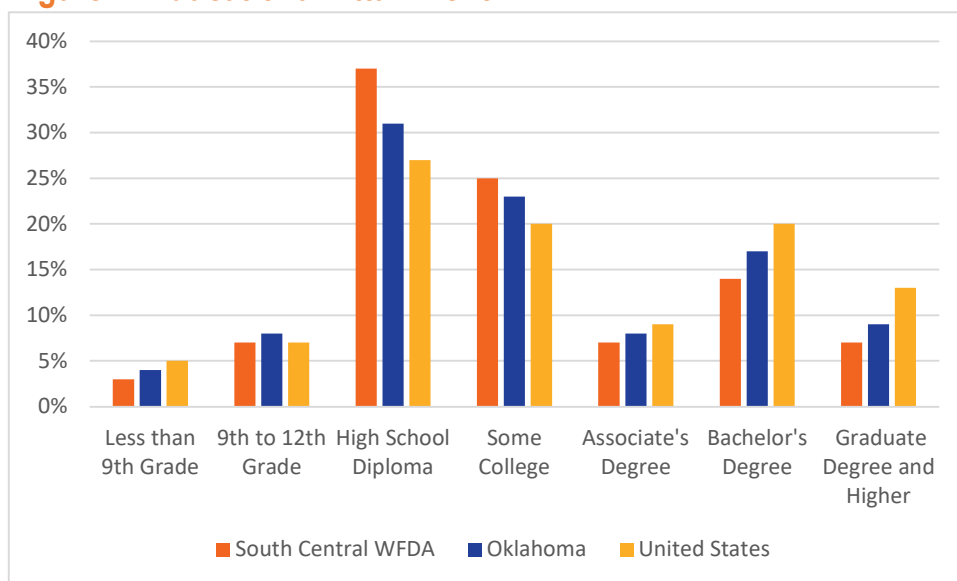
## Education

Colleges, universities, career technology centers, and K-12 schools are instrumental in developing the workforce. Educational institutions help supply local businesses with a workforce with the necessary labor and skills to be competitive in today's economy. The following section reviews the South Central WFDA's educational attainment, provides an educational attainment mismatch analysis, and details the area's educational assets.

### Educational Attainment

Figure 4 compares the South Central WFDA's educational attainment levels with State of Oklahoma and United States in 2021. In South Central, High School Diploma made up the largest share of the population at 37%. This was six percentage points higher than the State average of 31%. The second largest share of the population was Some College at 27%. Those with less than 9<sup>th</sup> grade educational attainment represented the smallest group at 3%, one percentage point below the State average.

**Figure 4: Educational Attainment**



Source: Lightcast- [economicmodeling.com](https://economicmodeling.com/)- 2022.3

Table 7 provides the change in educational attainment levels in the South Central WFDA from 2016 to 2021. By 2021, fewer people had an education below the High School Diploma level while more people achieved higher levels of education than in 2016. In particular, those with a Graduate Degree and Higher grew the most during this period at 3,118 more people. Those with an Associate's Degree were next at an additional 2,464 people by 2021. Alternatively, a combined 2,926 fewer people had an education below High School Diploma level by 2021. Those with a High School Diploma and Bachelor's Degree also grew during this period at 1,385 and 1,291 more people at these levels, respectively.

**Table 7: Educational Attainment**

Education Level	2016 Population	2021 Population	Total Change
Less Than 9th Grade	7,681	6,540	-1,141
9th Grade to 12th Grade	17,313	15,528	-1,785
High School Diploma	75,033	76,418	1,385
Some College	52,052	51,001	-1,051
Associate's Degree	12,452	14,916	2,464
Bachelor's Degree	27,089	28,380	1,291
Graduate Degree and Higher	11,709	14,827	3,118
<b>Total</b>	<b>203,329</b>	<b>207,610</b>	<b>4,281</b>

Source: Lightcast - [economicmodeling.com](http://economicmodeling.com)- 2022.3

Table 8 provides the change in educational attainment levels in South Central from 2021 to 2026. By 2026, more people will continue to achieve higher levels of education in the area. In particular, those with a High School Diploma will grow the most out of all groups at 2,432 more people. Those with a Graduate Degree and Higher will be next at an additional 1,849 more people. Alternatively, a combined 1,191 fewer people will have an education below the High School Diploma level by 2026. Those with a Bachelor's Degree will grow during this period by 1,372 more people.

**Table 8: Projected Educational Attainment**

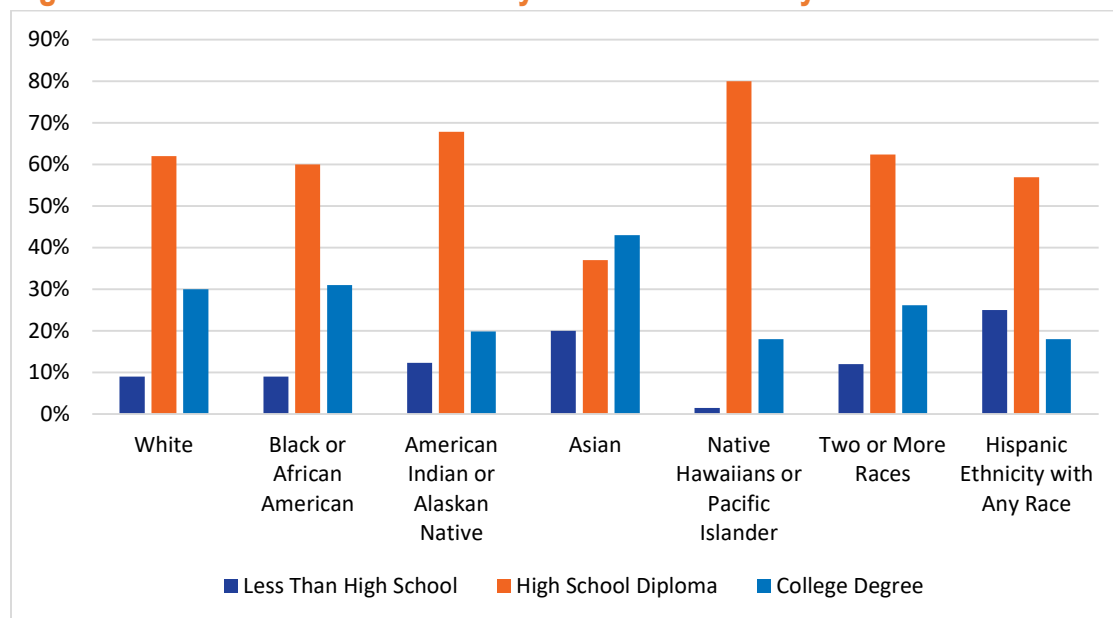
Education Level	2021 Population	2026 Population	Total Change
Less Than 9th Grade	6,540	6,191	-349
9th Grade to 12th Grade	15,528	14,686	-842
High School Diploma	76,418	78,850	2,432
Some College	51,001	51,534	533
Associate's Degree	14,916	16,600	1,684
Bachelor's Degree	28,380	29,752	1,372
Graduate Degree and Higher	14,827	16,676	1,849
<b>Total</b>	<b>207,610</b>	<b>214,290</b>	<b>6,680</b>

Source: Lightcast – economicmodeling.com – 2022.3

### Educational Attainment by Race and Ethnicity

Figure 5 demonstrates educational attainment in the South Central WFDA broken down by racial and ethnic backgrounds. High School Diploma claims the largest population percentage of each racial and ethnic category besides Asian. Hispanic Ethnicity with Any Race has the largest population percentage at the Less than High School level, with 25%. Native Hawaiians or Pacific Islanders have the largest population percentage at the High School Diploma level, at 80%. Finally, Asian Oklahomans have the largest population percentage at the college degree level at 43%.

**Figure 5: Educational Attainment by Race and Ethnicity**

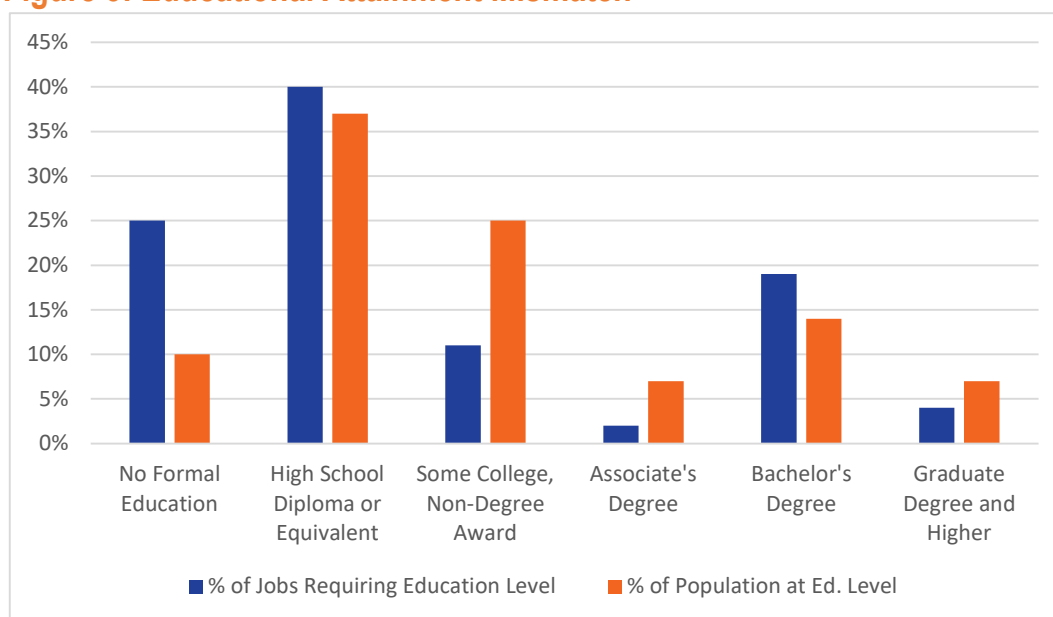


Source: Lightcast- economicmodeling.com- 2022.3

## Education Mismatch

Figure 6 below shows an educational attainment mismatch analysis for the South Central WFDA.<sup>1</sup> This compares the typical education required for jobs to the educational attainment of the population in 2021. 25% of jobs in South Central require no formal education while just 10% of the population have an education at this level. This suggests that many of these jobs may be filled by those with an education level beyond what is required. At the High School Diploma level, 40% of jobs in South Central require this level of education while 37% of the population hold this level of education. 32% of the population had Some College or an Associate's Degree, while just 13% of jobs required these levels of education, suggesting underemployment. This is similar for those with a Graduate Degree or Higher, where 7% of the population is prepared for 4% of the jobs in the market. At the Bachelor's Degree level, 14% of the population have the degree while 19% of jobs require it.

**Figure 3: Educational Attainment Mismatch**



Source: Lightcast- [economicmodeling.com](http://economicmodeling.com)- 2022.3

<sup>1</sup> The educational attainment mismatch analysis, formerly known as skills gaps analysis, is attained by comparing the working age population's (25 years and older) educational attainment and typical entry level education for the total number of jobs. This analysis was obtained from Lightcast's underemployment data. The analysis does not account for individuals' actual educational attainment and their current employment. The analysis compares American Community Survey data from the Census Bureau with occupation data from the Bureau of Labor Statistics.

## Educational Assets

The South Central WFDA has 9 distinct post-secondary educational institutions, ranging from universities, technical colleges, community colleges, and specialty training schools. These institutions are important educational and professional assets as they help connect students of all backgrounds and circumstances with resources, degrees, certifications, and higher knowledge. Table 9 details accredited institutions and their degree types.

**Table 9: Educational Assets**

Institution	Institution Type	City	County	Degree Types
Cameron University	Public	Lawton	Comanche	Associate, Bachelor, Master, Ph.D.
Cameron University	Public	Duncan	Stephens	Associate, Bachelor, Master, Ph.D.
University of Science and Arts of Oklahoma	Public	Chickasha	Grady	Bachelor
Caddo Kiowa	Technical School	Fort Cobb	Caddo	Certificate
Canadian Valley	Technical School	Chickasha	Grady	Certificate
Great Plains	Technical School	Lawton	Comanche	Certificate
Great Plains	Technical School	Frederick	Tillman	Certificate
Mid-America	Technical School	Wayne	McClain	Certificate
Red River	Technical School	Duncan	Stephens	Certificate

Source: Oklahoma State Regents of Higher Education, CareerTech.org

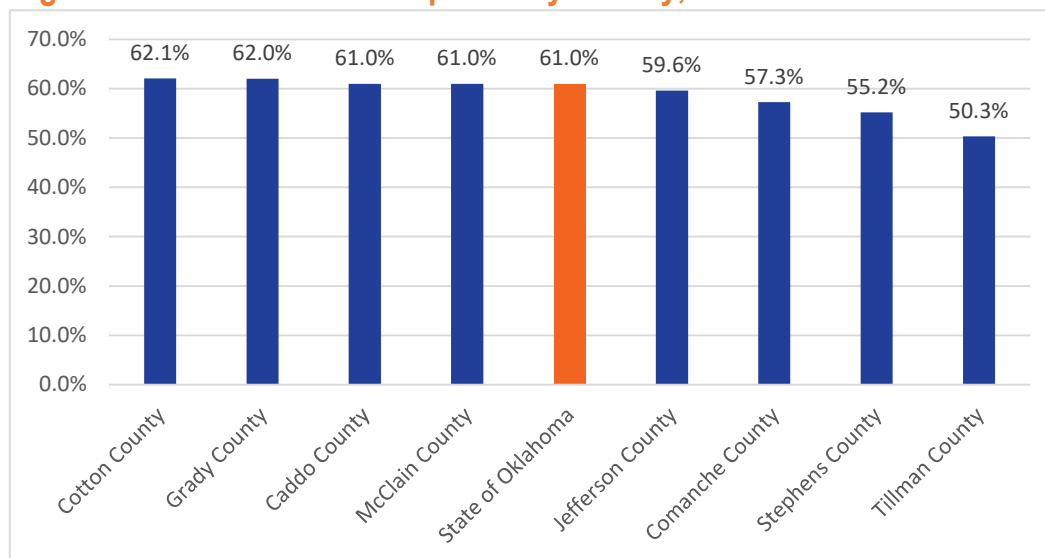
## Labor Force

The labor force may be considered one of the foremost assets of a particular region, providing key goods and services, collaborating across industries, and participating in economic and skills development. The following section reviews South Central's labor force participation rates broken down by county, median earnings, as well as commuter data detailing inflow, outflow, and circulation in the South Central WFDA.

## Labor Force Participation by County

Figure 7 shows the South Central WFDA labor force participation rate by county in June 2022. Currently, half of South Central's counties meet or exceed the Oklahoma state average labor force participation rate of 61%. The highest percentage is in Cotton County at 62.1%. The second highest is in Grady County at 62%. The third is in Caddo County at 61%. The lowest is in Seminole County at 50.3%.

**Figure 7: Labor Force Participation by County, June 2022**



Source: *Lightcast- economicmodeling.com- 2022.3*

Table 10 below shows the labor force participation rate by county from June 2021 to June 2022. During this period, most of South Central's counties labor force participation rates decreased. This follows the general decline of the state's rate at -0.4% since June 2021. Grady County's labor force participation rate grew during this period at an additional 0.4%. Tillman County's rate decreased by the most at -3.5%.



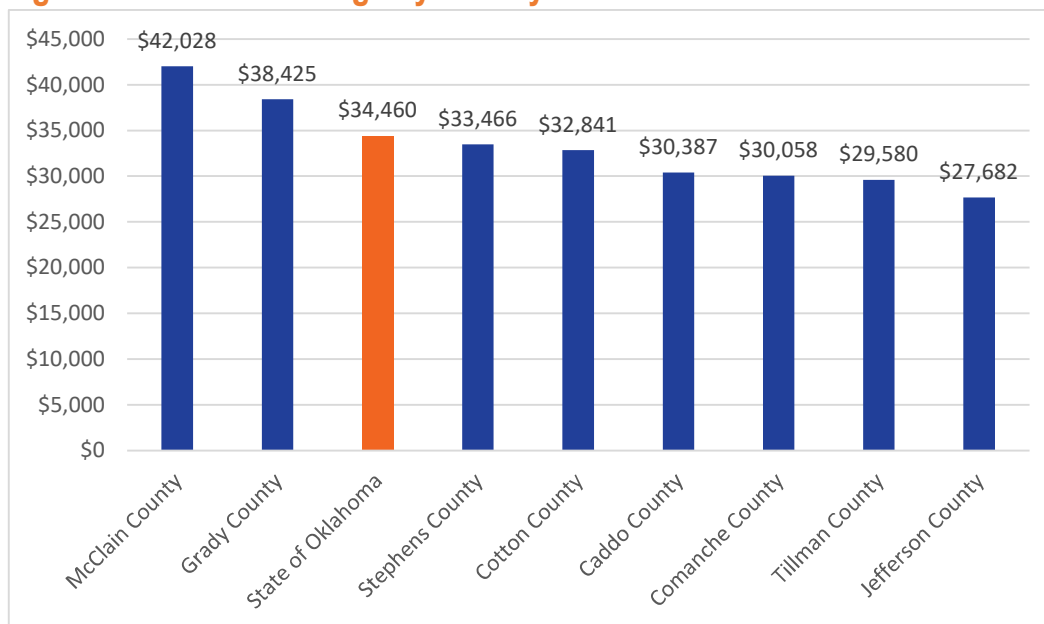
**Table 10: Labor Force Participation by County**

Area	June 2021	June 2022	Total Change
State of Oklahoma	61.4%	61.0%	-0.4%
Caddo County	62.4%	61.0%	-1.5%
Comanche County	59.1%	57.3%	-1.8%
Cotton County	66.1%	62.1%	-4.0%
Grady County	61.5%	62.0%	0.4%
Jefferson County	61.2%	59.6%	-1.5%
McClain County	61.3%	61.0%	-0.3%
Stephens County	55.8%	55.2%	-0.6%
Tillman County	53.7%	50.3%	-3.5%

Source: Lightcast- economicmodeling.com- 2022.3

## Median Earnings

Figure 8 provides the median earnings of those that are over the age of 16 in each of South Central's counties and the State of Oklahoma as a whole. The highest median earnings were found in McClain County at \$42,028. The second highest were in Grady County at \$38,425. The third highest were in Stephens County at \$33,466. The lowest median earnings were in Jefferson County at \$27,682. Overall, two of South Central's counties boasted median earnings beyond those found at the state level, while the rest fell below this level.

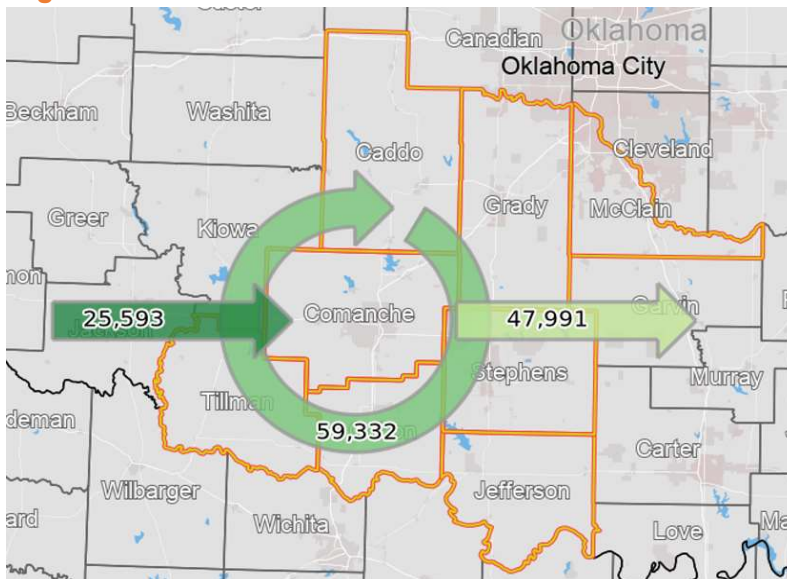
**Figure 8: Median Earnings by County**

Source: American Community Survey (ACS) 2021 5-Year Estimates

## Commuter Data

The U.S. Census Bureau Longitudinal Employer-Household Dynamics (LEHD) program uses data from a variety of sources including the unemployment insurance program, Quarterly Census of Employment and Wages (QCEW), and administrative data from censuses and surveys to create models estimating worker commutes for primary employment. In the South Central WFDA, 25,593 work in the area and did not live there. 59,332 lived there and worked there. 47,991 lived in South Central WFDA and worked outside the area (see Figure 9 below).

**Figure 9: Local Area Commuter Patterns**



Source: Center of Economic Studies (CES), OnTheMap, 2019

## Top Industries by Total Jobs

The North American Industry Classification System (NAICS) is the standard utilized by federal agencies to classify businesses to collect, analyze, and publish statistical data related to the United States business economy. Several of the analyses that follow are based upon data using NAICS employment sector codes. The following information is provided to enhance understanding of the framework of these analyses.

NAICS uses a 6-digit coding system which is structured hierarchically, beginning with 20 broad economic sectors. Over 1,000 industries are then sub-categorized within these 20 sectors. Each industry within a sector shares distinguishing economic activities. The most recent version of the classification system was implemented in 2017. Additional information is available at [www.census.gov/eos/www/naics](http://www.census.gov/eos/www/naics).

Table 11 below shows the top ten industries in the South Central WFDA by the total number of jobs in 2021. There were an estimated 87,189 total jobs in the area in 2021. The largest sector was Government with 24,250 jobs. The second largest sector was Retail Trade with

11,270 jobs. The tenth largest sector was Transportation and Warehousing with 2,326 jobs. Together, these industries made up 88.3% of the total jobs in the area in 2021.

**Table 11: Top Industries by Total Jobs**

NAICS	Description	2021 Jobs	Percentage of Total Employment
90	Government	24,150	27.7%
44	Retail Trade	11,270	12.9%
72	Accommodation and Food Services	8,770	10.1%
62	Health Care and Social Assistance	8,548	9.8%
31	Manufacturing	7,375	8.5%
23	Construction	4,909	5.6%
56	Administrative and Support and Waste Management and Remediation Services	3,722	4.3%
52	Finance and Insurance	2,969	3.4%
54	Professional, Scientific, and Technical Services	2,850	3.3%
48	Transportation and Warehousing	2,326	2.7%

Source: Lightcast- [economicmodeling.com](http://economicmodeling.com)- 2022.3

## Target Sectors

Oklahoma Department of Commerce has identified [Key Industry Sectors](#) for the state of Oklahoma. The Key Industry Sectors provide a competitive advantage in a global economy. They exhibit significant potential for employment growth and provide wealth generating employment opportunities. These Target Sectors include Aerospace and Defense, Agribusiness and Bioscience, Renewable and Traditional Energy, Transportation and Logistics, Automotive, and Manufacturing. Growth in these areas lead to workforce needs in complementary sectors. These complementary sectors include Construction, Health Care, Education, and Creative Industries. Figure 10 shows both target and complementary sectors. For a complete list of industries that are included in each of the sectors, the 5-digit NAICS codes are included in the appendix.

Figure 10: Target and Complementary Sectors

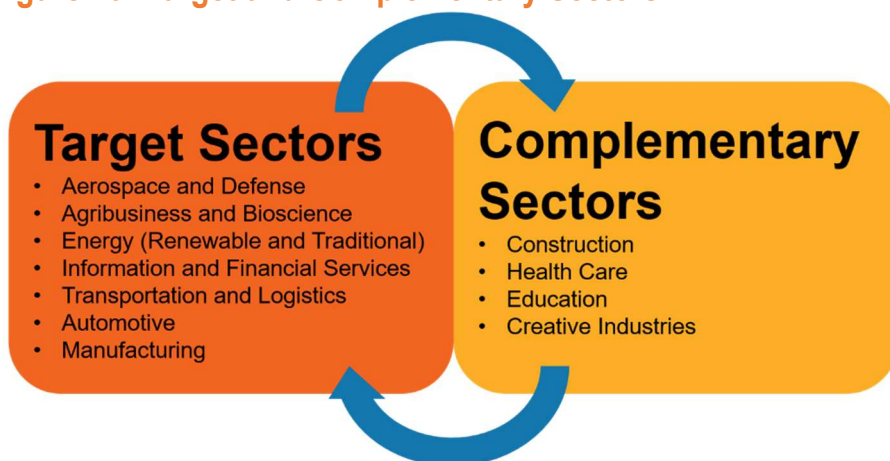


Table 12 shows the estimated number of new jobs for each of the target sectors in 2026, along with the growth rate and average earnings per job in the target sector. Three target sectors are projected to grow while three are not projected to grow.

Table 12: Target Sector Projected Growth

Target Sector	2021 Jobs	2026 Jobs	Estimated Net Job Growth (2021-2026)	Growth Rate (2021-2026)	Average Earnings Per Job
Aerospace and Defense	2,829	2,775	-54	-2%	\$67,619
Agribusiness and Bioscience	3,498	3,630	132	4%	\$59,291
Energy (Renewable and Traditional)	4,451	3,941	-510	-11%	\$95,733
Information and Financial Services	4,717	4,741	24	1%	\$66,399
Manufacturing	7,375	7,259	-116	-2%	\$75,783
Transportation and Logistics (Includes Automotive)	6,660	7,037	377	6%	\$70,931

Source: Lightcast- [economicmodeling.com](http://economicmodeling.com)- 2022.3

## Target Sector Staffing Patterns

Staffing patterns were generated for each of the target sectors using Lightcast 2022.3 datarun. The staffing pattern analysis computes the occupational makeup of the target sectors by percentages. The appendix includes two tables for each target sector. The first table shows the top ten occupations by number of current jobs. The second table shows the top 10 occupations by number of new jobs projected for 2026.

## Summary

This local briefing reviewed the South Central WFDA's population, educational attainment and assets, labor force information, top industry data, and target and complementary sectors. The South Central WFDA is one of six Workforce Development Areas (WFDA) in Oklahoma. The Oklahoma Office of Workforce Development prepares briefings for each of the Workforce Development Areas, including a state-level briefing. Briefings are available at [oklahomaworks.gov/workforce-briefings](http://oklahomaworks.gov/workforce-briefings).

## Appendix

### Target and Complementary NAICS Codes

#### Aerospace and Defense Industries

<b>NAICS</b>	<b>Industry Description</b>
32521	Resin and Synthetic Rubber Manufacturing
32551	Paint and Coating Manufacturing
32592	Explosives Manufacturing
32629	Other Rubber Product Manufacturing
33231	Plate Work and Fabricated Structural Product Manufacturing
33271	Machine Shops
33281	Coating, Engraving, Heat Treating, and Allied Activities
33299	All Other Fabricated Metal Product Manufacturing
33351	Metalworking Machinery Manufacturing
33361	Engine, Turbine, and Power Transmission Equipment Manufacturing
33411	Computer and Peripheral Equipment Manufacturing
33441	Semiconductor and Other Electronic Component Manufacturing
33451	Navigational, Measuring, Electromedical, and Control Instruments Manufacturing
33531	Electrical Equipment Manufacturing
33599	All Other Electrical Equipment and Component Manufacturing
33641	Aerospace Product and Parts Manufacturing
42386	Transportation Equipment and Supplies (except Motor Vehicle) Merchant Wholesalers
48111	Scheduled Air Transportation
48121	Nonscheduled Air Transportation
48811	Airport Operations
48819	Other Support Activities for Air Transportation
54133	Engineering Services
54138	Testing Laboratories
54151	Computer Systems Design and Related Services
54161	Management Consulting Services
54169	Other Scientific and Technical Consulting Services
54171	Research and Development in the Physical, Engineering, and Life Sciences
61151	Technical and Trade Schools
	Commercial and Industrial Machinery and Equipment (except Automotive and Electronic)
81131	Repair and Maintenance
90120	Federal Government, Military

#### Energy Industries

<b>NAICS</b>	<b>Industry Description</b>
21112	Crude Petroleum Extraction
21113	Natural Gas Extraction
21211	Coal Mining

**NAICS Industry Description**

21311	Support Activities for Mining
22111	Electric Power Generation
22112	Electric Power Transmission, Control, and Distribution
22121	Natural Gas Distribution
23712	Oil and Gas Pipeline and Related Structures Construction
23713	Power and Communication Line and Related Structures Construction
32411	Petroleum Refineries
32412	Asphalt Paving, Roofing, and Saturated Materials Manufacturing
32419	Other Petroleum and Coal Products Manufacturing
32511	Petrochemical Manufacturing
32512	Industrial Gas Manufacturing
33121	Iron and Steel Pipe and Tube Manufacturing from Purchased Steel
33241	Power Boiler and Heat Exchanger Manufacturing
33242	Metal Tank (Heavy Gauge) Manufacturing
33291	Metal Valve Manufacturing
33313	Mining and Oil and Gas Field Machinery Manufacturing
33341	Ventilation, Heating, Air-Conditioning, and Commercial Refrigeration Equipment Manufacturing
33361	Engine, Turbine, and Power Transmission Equipment Manufacturing
33391	Pump and Compressor Manufacturing
33531	Electrical Equipment Manufacturing
33591	Battery Manufacturing
42352	Coal and Other Mineral and Ore Merchant Wholesalers
42471	Petroleum Bulk Stations and Terminals
42472	Petroleum and Petroleum Products Merchant Wholesalers (except Bulk Stations and Terminals)
48611	Pipeline Transportation of Crude Oil
48621	Pipeline Transportation of Natural Gas
48691	Pipeline Transportation of Refined Petroleum Products
48699	All Other Pipeline Transportation
54136	Geophysical Surveying and Mapping Services
54138	Testing Laboratories

**Agribusiness and Biosciences Industries****NAICS Industry Description**

11100	Crop Production
11200	Animal Production
11311	Timber Tract Operations
11321	Forest Nurseries and Gathering of Forest Products
11331	Logging
11411	Fishing
11421	Hunting and Trapping
11511	Support Activities for Crop Production

**NAICS Industry Description**

11521	Support Activities for Animal Production
11531	Support Activities for Forestry
31111	Animal Food Manufacturing
31121	Flour Milling and Malt Manufacturing
31122	Starch and Vegetable Fats and Oils Manufacturing
31123	Breakfast Cereal Manufacturing
31131	Sugar Manufacturing
31134	Nonchocolate Confectionery Manufacturing
31135	Chocolate and Confectionery Manufacturing
31141	Frozen Food Manufacturing
31142	Fruit and Vegetable Canning, Pickling, and Drying
31151	Dairy Product (except Frozen) Manufacturing
31152	Ice Cream and Frozen Dessert Manufacturing
31161	Animal Slaughtering and Processing
31171	Seafood Product Preparation and Packaging
31181	Bread and Bakery Product Manufacturing
31182	Cookie, Cracker, and Pasta Manufacturing
31183	Tortilla Manufacturing
31191	Snack Food Manufacturing
31192	Coffee and Tea Manufacturing
31193	Flavoring Syrup and Concentrate Manufacturing
31194	Seasoning and Dressing Manufacturing
31199	All Other Food Manufacturing
31211	Soft Drink and Ice Manufacturing
31212	Breweries
31213	Wineries
31214	Distilleries
32111	Sawmills and Wood Preservation
32121	Veneer, Plywood, and Engineered Wood Product Manufacturing
32191	Millwork
32192	Wood Container and Pallet Manufacturing
32199	All Other Wood Product Manufacturing
32211	Pulp Mills
32212	Paper Mills
32213	Paperboard Mills
32221	Paperboard Container Manufacturing
32222	Paper Bag and Coated and Treated Paper Manufacturing
32512	Industrial Gas Manufacturing
32519	Other Basic Organic Chemical Manufacturing
32522	Artificial and Synthetic Fibers and Filaments Manufacturing
32531	Fertilizer Manufacturing
32532	Pesticide and Other Agricultural Chemical Manufacturing
32541	Pharmaceutical and Medicine Manufacturing



**NAICS Industry Description**

33311	Agricultural Implement Manufacturing
33451	Navigational, Measuring, Electromedical, and Control Instruments Manufacturing
33461	Manufacturing and Reproducing Magnetic and Optical Media
33911	Medical Equipment and Supplies Manufacturing
42345	Medical, Dental, and Hospital Equipment and Supplies Merchant Wholesalers
42346	Ophthalmic Goods Merchant Wholesalers
42382	Farm and Garden Machinery and Equipment Merchant Wholesalers
42421	Drugs and Druggists' Sundries Merchant Wholesalers
42443	Dairy Product (except Dried or Canned) Merchant Wholesalers
42444	Poultry and Poultry Product Merchant Wholesalers
42445	Confectionery Merchant Wholesalers
42446	Fish and Seafood Merchant Wholesalers
42447	Meat and Meat Product Merchant Wholesalers
42448	Fresh Fruit and Vegetable Merchant Wholesalers
42449	Other Grocery and Related Products Merchant Wholesalers
42451	Grain and Field Bean Merchant Wholesalers
42452	Livestock Merchant Wholesalers
42459	Other Farm Product Raw Material Merchant Wholesalers
42481	Beer and Ale Merchant Wholesalers
42482	Wine and Distilled Alcoholic Beverage Merchant Wholesalers
42491	Farm Supplies Merchant Wholesalers
49313	Farm Product Warehousing and Storage
54133	Engineering Services
54138	Testing Laboratories
54162	Environmental Consulting Services
54171	Research and Development in the Physical, Engineering, and Life Sciences
54194	Veterinary Services
54199	All Other Professional, Scientific, and Technical Services
62151	Medical and Diagnostic Laboratories

**Informational and Financial Services Industries****NAICS Industry Description**

33411	Computer and Peripheral Equipment Manufacturing
51121	Software Publishers
51731	Wired and Wireless Telecommunications Carriers
51741	Satellite Telecommunications
51791	Other Telecommunications
51821	Data Processing, Hosting, and Related Services
51913	Internet Publishing and Broadcasting and Web Search Portals
51919	All Other Information Services
52111	Monetary Authorities-Central Bank
52211	Commercial Banking
52212	Savings Institutions

**NAICS Industry Description**

52213	Credit Unions
52219	Other Depository Credit Intermediation
52221	Credit Card Issuing
52222	Sales Financing
52229	Other Nondepository Credit Intermediation
52231	Mortgage and Nonmortgage Loan Brokers
52232	Financial Transactions Processing, Reserve, and Clearinghouse Activities
52239	Other Activities Related to Credit Intermediation
52311	Investment Banking and Securities Dealing
52312	Securities Brokerage
52313	Commodity Contracts Dealing
52314	Commodity Contracts Brokerage
52321	Securities and Commodity Exchanges
52391	Miscellaneous Intermediation
52392	Portfolio Management
52393	Investment Advice
52399	All Other Financial Investment Activities
52411	Direct Life, Health, and Medical Insurance Carriers
52412	Direct Insurance (except Life, Health, and Medical) Carriers
52413	Reinsurance Carriers
52429	Other Insurance Related Activities
52511	Pension Funds
52512	Health and Welfare Funds
52519	Other Insurance Funds
52591	Open-End Investment Funds
52592	Trusts, Estates, and Agency Accounts
52599	Other Financial Vehicles
54121	Accounting, Tax Preparation, Bookkeeping, and Payroll Services
54151	Computer Systems Design and Related Services
55111	Management of Companies and Enterprises

**Transportation and Logistics Industries****NAICS Industry Description**

32621	Tire Manufacturing
33361	Engine, Turbine, and Power Transmission Equipment Manufacturing
33451	Navigational, Measuring, Electromedical, and Control Instruments Manufacturing
33611	Automobile and Light Duty Motor Vehicle Manufacturing
33612	Heavy Duty Truck Manufacturing
33621	Motor Vehicle Body and Trailer Manufacturing
33631	Motor Vehicle Gasoline Engine and Engine Parts Manufacturing
33632	Motor Vehicle Electrical and Electronic Equipment Manufacturing
33633	Motor Vehicle Steering and Suspension Components (except Spring) Manufacturing
33634	Motor Vehicle Brake System Manufacturing

**NAICS Industry Description**

33635	Motor Vehicle Transmission and Power Train Parts Manufacturing
33636	Motor Vehicle Seating and Interior Trim Manufacturing
33637	Motor Vehicle Metal Stamping
33639	Other Motor Vehicle Parts Manufacturing
33651	Railroad Rolling Stock Manufacturing
33661	Ship and Boat Building
33699	Other Transportation Equipment Manufacturing
42311	Automobile and Other Motor Vehicle Merchant Wholesalers
42312	Motor Vehicle Supplies and New Parts Merchant Wholesalers
42313	Tire and Tube Merchant Wholesalers
42314	Motor Vehicle Parts (Used) Merchant Wholesalers
42321	Furniture Merchant Wholesalers
42322	Home Furnishing Merchant Wholesalers
42331	Lumber, Plywood, Millwork, and Wood Panel Merchant Wholesalers
42332	Brick, Stone, and Related Construction Material Merchant Wholesalers
42333	Roofing, Siding, and Insulation Material Merchant Wholesalers
42339	Other Construction Material Merchant Wholesalers
42341	Photographic Equipment and Supplies Merchant Wholesalers
42342	Office Equipment Merchant Wholesalers
42343	Computer and Computer Peripheral Equipment and Software Merchant Wholesalers
42344	Other Commercial Equipment Merchant Wholesalers
42345	Medical, Dental, and Hospital Equipment and Supplies Merchant Wholesalers
42346	Ophthalmic Goods Merchant Wholesalers
42349	Other Professional Equipment and Supplies Merchant Wholesalers
42351	Metal Service Centers and Other Metal Merchant Wholesalers
42352	Coal and Other Mineral and Ore Merchant Wholesalers
42361	Electrical Apparatus and Equipment, Wiring Supplies, and Related Equipment Merchant Wholesalers
42362	Household Appliances, Electric Housewares, and Consumer Electronics Merchant Wholesalers
42369	Other Electronic Parts and Equipment Merchant Wholesalers
42371	Hardware Merchant Wholesalers
42372	Plumbing and Heating Equipment and Supplies (Hydronics) Merchant Wholesalers
42373	Warm Air Heating and Air-Conditioning Equipment and Supplies Merchant Wholesalers
42374	Refrigeration Equipment and Supplies Merchant Wholesalers
42381	Construction and Mining (except Oil Well) Machinery and Equipment Merchant Wholesalers
42382	Farm and Garden Machinery and Equipment Merchant Wholesalers
42383	Industrial Machinery and Equipment Merchant Wholesalers
42384	Industrial Supplies Merchant Wholesalers
42385	Service Establishment Equipment and Supplies Merchant Wholesalers
42386	Transportation Equipment and Supplies (except Motor Vehicle) Merchant Wholesalers
42391	Sporting and Recreational Goods and Supplies Merchant Wholesalers
42392	Toy and Hobby Goods and Supplies Merchant Wholesalers

**NAICS Industry Description**

42393	Recyclable Material Merchant Wholesalers
42394	Jewelry, Watch, Precious Stone, and Precious Metal Merchant Wholesalers
42399	Other Miscellaneous Durable Goods Merchant Wholesalers
42411	Printing and Writing Paper Merchant Wholesalers
42412	Stationery and Office Supplies Merchant Wholesalers
42413	Industrial and Personal Service Paper Merchant Wholesalers
42421	Drugs and Druggists' Sundries Merchant Wholesalers
42431	Piece Goods, Notions, and Other Dry Goods Merchant Wholesalers
42432	Men's and Boys' Clothing and Furnishings Merchant Wholesalers
42433	Women's, Children's, and Infants' Clothing and Accessories Merchant Wholesalers
42434	Footwear Merchant Wholesalers
42441	General Line Grocery Merchant Wholesalers
42442	Packaged Frozen Food Merchant Wholesalers
42443	Dairy Product (except Dried or Canned) Merchant Wholesalers
42444	Poultry and Poultry Product Merchant Wholesalers
42445	Confectionery Merchant Wholesalers
42446	Fish and Seafood Merchant Wholesalers
42447	Meat and Meat Product Merchant Wholesalers
42448	Fresh Fruit and Vegetable Merchant Wholesalers
42449	Other Grocery and Related Products Merchant Wholesalers
42451	Grain and Field Bean Merchant Wholesalers
42452	Livestock Merchant Wholesalers
42459	Other Farm Product Raw Material Merchant Wholesalers
42461	Plastics Materials and Basic Forms and Shapes Merchant Wholesalers
42469	Other Chemical and Allied Products Merchant Wholesalers
42471	Petroleum Bulk Stations and Terminals
42472	Petroleum and Petroleum Products Merchant Wholesalers (except Bulk Stations and Terminals)
42481	Beer and Ale Merchant Wholesalers
42482	Wine and Distilled Alcoholic Beverage Merchant Wholesalers
42491	Farm Supplies Merchant Wholesalers
42492	Book, Periodical, and Newspaper Merchant Wholesalers
42493	Flower, Nursery Stock, and Florists' Supplies Merchant Wholesalers
42494	Tobacco and Tobacco Product Merchant Wholesalers
42495	Paint, Varnish, and Supplies Merchant Wholesalers
42499	Other Miscellaneous Nondurable Goods Merchant Wholesalers
42511	Business to Business Electronic Markets
42512	Wholesale Trade Agents and Brokers
48111	Scheduled Air Transportation
48121	Nonscheduled Air Transportation
48211	Rail Transportation
48321	Inland Water Transportation
48411	General Freight Trucking, Local

**NAICS Industry Description**

48412	General Freight Trucking, Long-Distance
48422	Specialized Freight (except Used Goods) Trucking, Local
48423	Specialized Freight (except Used Goods) Trucking, Long-Distance
48611	Pipeline Transportation of Crude Oil
48621	Pipeline Transportation of Natural Gas
48691	Pipeline Transportation of Refined Petroleum Products
48699	All Other Pipeline Transportation
48811	Airport Operations
48819	Other Support Activities for Air Transportation
48821	Support Activities for Rail Transportation
48839	Other Support Activities for Water Transportation
48841	Motor Vehicle Towing
48849	Other Support Activities for Road Transportation
48851	Freight Transportation Arrangement
48899	Other Support Activities for Transportation
49311	General Warehousing and Storage
49312	Refrigerated Warehousing and Storage
49313	Farm Product Warehousing and Storage
49319	Other Warehousing and Storage

**Automotive Industries****NAICS Industry Description**

33611	Automobile and Light Duty Motor Vehicle Manufacturing
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**Manufacturing Industries****NAICS Industry Description**

31111	Animal Food Manufacturing
31121	Flour Milling and Malt Manufacturing
31122	Starch and Vegetable Fats and Oils Manufacturing
31123	Breakfast Cereal Manufacturing
31131	Sugar Manufacturing
31134	Nonchocolate Confectionery Manufacturing
31135	Chocolate and Confectionery Manufacturing
31141	Frozen Food Manufacturing
31142	Fruit and Vegetable Canning, Pickling, and Drying
31151	Dairy Product (except Frozen) Manufacturing
31152	Ice Cream and Frozen Dessert Manufacturing
31161	Animal Slaughtering and Processing
31171	Seafood Product Preparation and Packaging
31181	Bread and Bakery Product Manufacturing
31182	Cookie, Cracker, and Pasta Manufacturing
31183	Tortilla Manufacturing
31191	Snack Food Manufacturing

**NAICS Industry Description**

31192	Coffee and Tea Manufacturing
31193	Flavoring Syrup and Concentrate Manufacturing
31194	Seasoning and Dressing Manufacturing
31199	All Other Food Manufacturing
31211	Soft Drink and Ice Manufacturing
31212	Breweries
31213	Wineries
31214	Distilleries
31223	Tobacco Manufacturing
31311	Fiber, Yarn, and Thread Mills
31321	Broadwoven Fabric Mills
31322	Narrow Fabric Mills and Schifflli Machine Embroidery
31323	Nonwoven Fabric Mills
31324	Knit Fabric Mills
31331	Textile and Fabric Finishing Mills
31332	Fabric Coating Mills
31411	Carpet and Rug Mills
31412	Curtain and Linen Mills
31491	Textile Bag and Canvas Mills
31499	All Other Textile Product Mills
31511	Hosiery and Sock Mills
31519	Other Apparel Knitting Mills
31521	Cut and Sew Apparel Contractors
31522	Men's and Boys' Cut and Sew Apparel Manufacturing
31524	Women's, Girls', and Infants' Cut and Sew Apparel Manufacturing
31528	Other Cut and Sew Apparel Manufacturing
31599	Apparel Accessories and Other Apparel Manufacturing
31611	Leather and Hide Tanning and Finishing
31621	Footwear Manufacturing
31699	Other Leather and Allied Product Manufacturing
32111	Sawmills and Wood Preservation
32121	Veneer, Plywood, and Engineered Wood Product Manufacturing
32191	Millwork
32192	Wood Container and Pallet Manufacturing
32199	All Other Wood Product Manufacturing
32211	Pulp Mills
32212	Paper Mills
32213	Paperboard Mills
32221	Paperboard Container Manufacturing
32222	Paper Bag and Coated and Treated Paper Manufacturing
32223	Stationery Product Manufacturing
32229	Other Converted Paper Product Manufacturing
32311	Printing

**NAICS Industry Description**

32312	Support Activities for Printing
32411	Petroleum Refineries
32412	Asphalt Paving, Roofing, and Saturated Materials Manufacturing
32419	Other Petroleum and Coal Products Manufacturing
32511	Petrochemical Manufacturing
32512	Industrial Gas Manufacturing
32513	Synthetic Dye and Pigment Manufacturing
32518	Other Basic Inorganic Chemical Manufacturing
32519	Other Basic Organic Chemical Manufacturing
32521	Resin and Synthetic Rubber Manufacturing
32522	Artificial and Synthetic Fibers and Filaments Manufacturing
32531	Fertilizer Manufacturing
32532	Pesticide and Other Agricultural Chemical Manufacturing
32541	Pharmaceutical and Medicine Manufacturing
32551	Paint and Coating Manufacturing
32552	Adhesive Manufacturing
32561	Soap and Cleaning Compound Manufacturing
32562	Toilet Preparation Manufacturing
32591	Printing Ink Manufacturing
32592	Explosives Manufacturing
32599	All Other Chemical Product and Preparation Manufacturing
32611	Plastics Packaging Materials and Unlaminated Film and Sheet Manufacturing
32612	Plastics Pipe, Pipe Fitting, and Unlaminated Profile Shape Manufacturing
32613	Laminated Plastics Plate, Sheet (except Packaging), and Shape Manufacturing
32614	Polystyrene Foam Product Manufacturing
32615	Urethane and Other Foam Product (except Polystyrene) Manufacturing
32616	Plastics Bottle Manufacturing
32619	Other Plastics Product Manufacturing
32621	Tire Manufacturing
32622	Rubber and Plastics Hoses and Belting Manufacturing
32629	Other Rubber Product Manufacturing
32711	Pottery, Ceramics, and Plumbing Fixture Manufacturing
32712	Clay Building Material and Refractories Manufacturing
32721	Glass and Glass Product Manufacturing
32731	Cement Manufacturing
32732	Ready-Mix Concrete Manufacturing
32733	Concrete Pipe, Brick, and Block Manufacturing
32739	Other Concrete Product Manufacturing
32741	Lime Manufacturing
32742	Gypsum Product Manufacturing
32791	Abrasive Product Manufacturing
32799	All Other Nonmetallic Mineral Product Manufacturing
33111	Iron and Steel Mills and Ferroalloy Manufacturing

**NAICS Industry Description**

33121	Iron and Steel Pipe and Tube Manufacturing from Purchased Steel
33122	Rolling and Drawing of Purchased Steel
33131	Alumina and Aluminum Production and Processing
33141	Nonferrous Metal (except Aluminum) Smelting and Refining
33142	Copper Rolling, Drawing, Extruding, and Alloying
33149	Nonferrous Metal (except Copper and Aluminum) Rolling, Drawing, Extruding, and Alloying
33151	Ferrous Metal Foundries
33152	Nonferrous Metal Foundries
33211	Forging and Stamping
33221	Cutlery and Handtool Manufacturing
33231	Plate Work and Fabricated Structural Product Manufacturing
33232	Ornamental and Architectural Metal Products Manufacturing
33241	Power Boiler and Heat Exchanger Manufacturing
33242	Metal Tank (Heavy Gauge) Manufacturing
33243	Metal Can, Box, and Other Metal Container (Light Gauge) Manufacturing
33251	Hardware Manufacturing
33261	Spring and Wire Product Manufacturing
33271	Machine Shops
33272	Turned Product and Screw, Nut, and Bolt Manufacturing
33281	Coating, Engraving, Heat Treating, and Allied Activities
33291	Metal Valve Manufacturing
33299	All Other Fabricated Metal Product Manufacturing
33311	Agricultural Implement Manufacturing
33312	Construction Machinery Manufacturing
33313	Mining and Oil and Gas Field Machinery Manufacturing
33324	Industrial Machinery Manufacturing
33331	Commercial and Service Industry Machinery Manufacturing Ventilation, Heating, Air-Conditioning, and Commercial Refrigeration Equipment
33341	Manufacturing
33351	Metalworking Machinery Manufacturing
33361	Engine, Turbine, and Power Transmission Equipment Manufacturing
33391	Pump and Compressor Manufacturing
33392	Material Handling Equipment Manufacturing
33399	All Other General Purpose Machinery Manufacturing
33411	Computer and Peripheral Equipment Manufacturing
33421	Telephone Apparatus Manufacturing
33422	Radio and Television Broadcasting and Wireless Communications Equipment Manufacturing
33429	Other Communications Equipment Manufacturing
33431	Audio and Video Equipment Manufacturing
33441	Semiconductor and Other Electronic Component Manufacturing
33451	Navigational, Measuring, Electromedical, and Control Instruments Manufacturing
33461	Manufacturing and Reproducing Magnetic and Optical Media
33511	Electric Lamp Bulb and Part Manufacturing



**NAICS Industry Description**

33512	Lighting Fixture Manufacturing
33521	Small Electrical Appliance Manufacturing
33522	Major Household Appliance Manufacturing
33531	Electrical Equipment Manufacturing
33591	Battery Manufacturing
33592	Communication and Energy Wire and Cable Manufacturing
33593	Wiring Device Manufacturing
33599	All Other Electrical Equipment and Component Manufacturing
33611	Automobile and Light Duty Motor Vehicle Manufacturing
33612	Heavy Duty Truck Manufacturing
33621	Motor Vehicle Body and Trailer Manufacturing
33631	Motor Vehicle Gasoline Engine and Engine Parts Manufacturing
33632	Motor Vehicle Electrical and Electronic Equipment Manufacturing
33633	Motor Vehicle Steering and Suspension Components (except Spring) Manufacturing
33634	Motor Vehicle Brake System Manufacturing
33635	Motor Vehicle Transmission and Power Train Parts Manufacturing
33636	Motor Vehicle Seating and Interior Trim Manufacturing
33637	Motor Vehicle Metal Stamping
33639	Other Motor Vehicle Parts Manufacturing
33641	Aerospace Product and Parts Manufacturing
33651	Railroad Rolling Stock Manufacturing
33661	Ship and Boat Building
33699	Other Transportation Equipment Manufacturing
33711	Wood Kitchen Cabinet and Countertop Manufacturing
33712	Household and Institutional Furniture Manufacturing
33721	Office Furniture (including Fixtures) Manufacturing
33791	Mattress Manufacturing
33792	Blind and Shade Manufacturing
33911	Medical Equipment and Supplies Manufacturing
33991	Jewelry and Silverware Manufacturing
33992	Sporting and Athletic Goods Manufacturing
33993	Doll, Toy, and Game Manufacturing
33994	Office Supplies (except Paper) Manufacturing
33995	Sign Manufacturing
33999	All Other Miscellaneous Manufacturing

**Construction Industries****NAICS Industry Description**

23611	Residential Building Construction
23621	Industrial Building Construction
23622	Commercial and Institutional Building Construction
23711	Water and Sewer Line and Related Structures Construction
23712	Oil and Gas Pipeline and Related Structures Construction

**NAICS Industry Description**

23713	Power and Communication Line and Related Structures Construction
23721	Land Subdivision
23731	Highway, Street, and Bridge Construction
23799	Other Heavy and Civil Engineering Construction
23811	Poured Concrete Foundation and Structure Contractors
23812	Structural Steel and Precast Concrete Contractors
23813	Framing Contractors
23814	Masonry Contractors
23815	Glass and Glazing Contractors
23816	Roofing Contractors
23817	Siding Contractors
23819	Other Foundation, Structure, and Building Exterior Contractors
23821	Electrical Contractors and Other Wiring Installation Contractors
23822	Plumbing, Heating, and Air-Conditioning Contractors
23829	Other Building Equipment Contractors
23831	Drywall and Insulation Contractors
23832	Painting and Wall Covering Contractors
23833	Flooring Contractors
23834	Tile and Terrazzo Contractors
23835	Finish Carpentry Contractors
23839	Other Building Finishing Contractors
23891	Site Preparation Contractors
23899	All Other Specialty Trade Contractors

**Healthcare Industries****NAICS Industry Description**

62111	Offices of Physicians
62121	Offices of Dentists
62131	Offices of Chiropractors
62132	Offices of Optometrists
62133	Offices of Mental Health Practitioners (except Physicians)
62134	Offices of Physical, Occupational and Speech Therapists, and Audiologists
62139	Offices of All Other Health Practitioners
62141	Family Planning Centers
62142	Outpatient Mental Health and Substance Abuse Centers
62149	Other Outpatient Care Centers
62151	Medical and Diagnostic Laboratories
62161	Home Health Care Services
62191	Ambulance Services
62199	All Other Ambulatory Health Care Services
62211	General Medical and Surgical Hospitals
62221	Psychiatric and Substance Abuse Hospitals
62231	Specialty (except Psychiatric and Substance Abuse) Hospitals

**NAICS Industry Description**

62311	Nursing Care Facilities (Skilled Nursing Facilities)
62321	Residential Intellectual and Developmental Disability Facilities
62322	Residential Mental Health and Substance Abuse Facilities
62331	Continuing Care Retirement Communities and Assisted Living Facilities for the Elderly
62399	Other Residential Care Facilities
62411	Child and Youth Services
62412	Services for the Elderly and Persons with Disabilities
62419	Other Individual and Family Services
62421	Community Food Services
62422	Community Housing Services
62423	Emergency and Other Relief Services
62431	Vocational Rehabilitation Services
62441	Child Day Care Services

**Education Industries****NAICS Industry Description**

61111	Elementary and Secondary Schools
61121	Junior Colleges
61131	Colleges, Universities, and Professional Schools
61141	Business and Secretarial Schools
61142	Computer Training
61143	Professional and Management Development Training
61151	Technical and Trade Schools
61161	Fine Arts Schools
61162	Sports and Recreation Instruction
61163	Language Schools
61169	All Other Schools and Instruction
61171	Educational Support Services

**Creative Industries****NAICS Industry Description**

23622	Commercial and Institutional Building Construction
51211	Motion Picture and Video Production
51212	Motion Picture and Video Distribution
51213	Motion Picture and Video Exhibition
51219	Postproduction Services and Other Motion Picture and Video Industries
51223	Music Publishers
51224	Sound Recording Studios
51225	Record Production and Distribution
51229	Other Sound Recording Industries
54131	Architectural Services
54132	Landscape Architectural Services
54133	Engineering Services

**NAICS Industry Description**

54134	Drafting Services
54141	Interior Design Services
54142	Industrial Design Services
54143	Graphic Design Services
54149	Other Specialized Design Services
54181	Advertising Agencies
54182	Public Relations Agencies
54183	Media Buying Agencies
54184	Media Representatives
54185	Outdoor Advertising
54186	Direct Mail Advertising
54187	Advertising Material Distribution Services
54189	Other Services Related to Advertising
54192	Photographic Services
71111	Theater Companies and Dinner Theaters
71112	Dance Companies
71113	Musical Groups and Artists
71119	Other Performing Arts Companies
71131	Promoters of Performing Arts, Sports, and Similar Events with Facilities
71132	Promoters of Performing Arts, Sports, and Similar Events without Facilities
71141	Agents and Managers for Artists, Athletes, Entertainers, and Other Public Figures
71151	Independent Artists, Writers, and Performers
71211	Museums
71212	Historical Sites

## Target Sector Staffing Patterns

**Table 13: Top Staffed Aerospace Occupations in 2021**

SOC	Description	Employed in Industry Group (2021)	Employed in Industry Group (2026)	Change (2021 - 2026)	% Change (2021 - 2026)	% of Total Jobs in Industry Group (2021)	Median Hourly Earnings	Typical Entry Level Education	Work Experience Required	Typical On-The-Job Training
51-9197	Tire Builders	259	229	-30	-12%	9.1%	\$27.98	High school diploma or equivalent	None	Moderate-term on-the-job training
11-1021	General and Operations Managers	123	118	-5	-4%	4.3%	\$35.83	Bachelor's degree	5 years or more	None
51-4041	Machinists	109	110	1	1%	3.9%	\$22.10	High school diploma or equivalent	None	Long-term on-the-job training
51-9161	Computer Numerically Controlled Tool Operators	108	97	-11	-10%	3.8%	\$20.99	High school diploma or equivalent	None	Moderate-term on-the-job training
15-1252	Software Developers	67	86	19	29%	2.4%	\$39.38	Bachelor's degree	None	None
51-4121	Welders, Cutters, Solderers, and Brazers	65	72	7	10%	2.3%	\$20.49	High school diploma or equivalent	None	Moderate-term on-the-job training
49-9041	Industrial Machinery Mechanics	64	84	20	31%	2.3%	\$25.71	High school diploma or equivalent	None	Long-term on-the-job training
15-1232	Computer User Support Specialists	62	69	7	11%	2.2%	\$19.02	Some college, no degree	None	None

SOC	Description	Employed in Industry Group (2021)	Employed in Industry Group (2026)	Change (2021 - 2026)	% Change (2021 - 2026)	% of Total Jobs in Industry Group (2021)	Median Hourly Earnings	Typical Entry Level Education	Work Experience Required	Typical On-The-Job Training
13-1082	Project Management Specialists	61	57	-4	-6%	2.2%	\$35.51	Bachelor's degree	None	None
41-3091	Sales Representatives of Services, Except Advertising, Insurance, Financial Services, and Travel	58	59	1	2%	2.1%	\$21.83	High school diploma or equivalent	None	Moderate-term on-the-job training

Source: Lightcast- economicmodeling.com- 2022.3

Table 14: Top Growing Aerospace Occupations by 2026

SOC	Description	Employed in Industry Group (2021)	Employed in Industry Group (2026)	Change (2021 - 2026)	% Change (2021 - 2026)	% of Total Jobs in Industry Group (2021)	Median Hourly Earnings	Typical Entry Level Education	Work Experience Required	Typical On-The-Job Training
49-9041	Industrial Machinery Mechanics	64	84	20	31%	2.3%	\$25.71	High school diploma or equivalent	None	Long-term on-the-job training
15-1252	Software Developers	67	86	19	29%	2.4%	\$39.38	Bachelor's degree	None	None
49-9081	Wind Turbine Service Technicians	43	61	18	41%	1.5%	\$23.67	Postsecondary nondegree award	None	Long-term on-the-job training
15-1232	Computer User Support Specialists	62	69	7	11%	2.2%	\$19.02	Some college, no degree	None	None
25-1099	Postsecondary Teachers	29	36	7	24%	1.0%	\$31.08	Doctoral or professional degree	None	None
51-4121	Welders, Cutters, Solderers, and Brazers	65	72	7	10%	2.3%	\$20.49	High school diploma or equivalent	None	Moderate-term on-the-job training
15-1211	Computer Systems Analysts	33	37	4	12%	1.2%	\$36.55	Bachelor's degree	None	None
17-2051	Civil Engineers	26	29	3	12%	0.9%	\$36.36	Bachelor's degree	None	None
15-1253	Software Quality Assurance Analysts and Testers	16	20	3	19%	0.6%	\$21.26	Bachelor's degree	None	None

SOC	Description	Employed in Industry Group (2021)	Employed in Industry Group (2026)	Change (2021 - 2026)	% Change (2021 - 2026)	% of Total Jobs in Industry Group (2021)	Median Hourly Earnings	Typical Entry Level Education	Work Experience Required	Typical On-The-Job Training
11-3021	Computer and Information Systems Managers	27	30	3	10%	1.0%	\$47.66	Bachelor's degree	5 years or more	None

Source: Lightcast- [economicmodeling.com](https://economicmodeling.com)- 2022.3



**Table 15: Top Staffed Agribusiness & Bioscience Occupations in 2021**

SOC	Description	Employed in Industry Group (2021)	Employed in Industry Group (2026)	Change (2021 - 2026)	% Change (2021 - 2026)	% of Total Jobs in Industry Group (2021)	Median Hourly Earnings	Typical Entry Level Education	Work Experience Required	Typical On-The-Job Training
45-2092	Farmworkers and Laborers, Crop, Nursery, and Greenhouse	271	268	-3	-1%	7.7%	\$11.44	No formal educational credential	None	Short-term on-the-job training
11-9013	Farmers, Ranchers, and Other Agricultural Managers	209	209	1	0%	6.0%	\$16.72	High school diploma or equivalent	5 years or more	None
45-2093	Farmworkers, Farm, Ranch, and Aquacultural Animals	139	134	-5	-3%	4.0%	\$10.79	No formal educational credential	None	Short-term on-the-job training
53-7062	Laborers and Freight, Stock, and Material Movers, Hand	115	117	2	2%	3.3%	\$13.54	No formal educational credential	None	Short-term on-the-job training
31-9096	Veterinary Assistants and Laboratory Animal Caretakers	111	124	14	12%	3.2%	\$12.42	High school diploma or equivalent	None	Short-term on-the-job training
51-9111	Packaging and Filling Machine Operators and Tenders	104	107	4	3%	3.0%	\$13.51	High school diploma or equivalent	None	Moderate-term on-the-job training

SOC	Description	Employed in Industry Group (2021)	Employed in Industry Group (2026)	Change (2021 - 2026)	% Change (2021 - 2026)	% of Total Jobs in Industry Group (2021)	Median Hourly Earnings	Typical Entry Level Education	Work Experience Required	Typical On-The-Job Training
53-3032	Heavy and Tractor-Trailer Truck Drivers	86	88	2	2%	2.5%	\$20.68	Postsecondary nondegree award	None	Short-term on-the-job training
53-7051	Industrial Truck and Tractor Operators	85	88	4	4%	2.4%	\$20.08	No formal educational credential	None	Short-term on-the-job training
45-2091	Agricultural Equipment Operators	83	76	-7	-9%	2.4%	\$13.08	No formal educational credential	None	Moderate-term on-the-job training
29-2056	Veterinary Technologists and Technicians	81	92	12	14%	2.3%	\$15.65	Associate's degree	None	None

Source: Lightcast- economicmodeling.com- 2022.3

**Table 16: Top Growing Agribusiness & Bioscience Occupations by 2026**

SOC	Description	Employed in Industry Group (2021)	Employed in Industry Group (2026)	Change (2021 - 2026)	% Change (2021 - 2026)	% of Total Jobs in Industry Group (2021)	Median Hourly Earnings	Typical Entry Level Education	Work Experience Required	Typical On-The-Job Training
31-9096	Veterinary Assistants and Laboratory Animal Caretakers	111	124	14	12%	3.2%	\$12.42	High school diploma or equivalent	None	Short-term on-the-job training
29-2056	Veterinary Technologists and Technicians	81	92	12	14%	2.3%	\$15.65	Associate's degree	None	None
29-1131	Veterinarians	67	76	9	13%	1.9%	\$37.63	Doctoral or professional degree	None	None
51-9196	Paper Goods Machine Setters, Operators, and Tenders	14	23	8	59%	0.4%	\$16.34	High school diploma or equivalent	None	Moderate-term on-the-job training
41-4012	Sales Representatives, Wholesale and Manufacturing, Except Technical and Scientific Products	73	79	6	9%	2.1%	\$19.75	High school diploma or equivalent	None	Moderate-term on-the-job training
39-2021	Animal Caretakers	50	56	6	11%	1.4%	\$10.11	High school diploma or equivalent	None	Short-term on-the-job training
51-9081	Dental Laboratory Technicians	24	29	5	22%	0.7%	\$31.67	High school diploma or equivalent	None	Moderate-term on-the-job training

SOC	Description	Employed in Industry Group (2021)	Employed in Industry Group (2026)	Change (2021 - 2026)	% Change (2021 - 2026)	% of Total Jobs in Industry Group (2021)	Median Hourly Earnings	Typical Entry Level Education	Work Experience Required	Typical On-The-Job Training
49-9041	Industrial Machinery Mechanics	26	32	5	19%	0.8%	\$25.71	High school diploma or equivalent	None	Long-term on-the-job training
51-3011	Bakers	21	26	5	24%	0.6%	\$11.87	No formal educational credential	None	Long-term on-the-job training
49-9043	Maintenance Workers, Machinery	62	67	5	8%	1.8%	\$16.41	High school diploma or equivalent	None	Long-term on-the-job training

Source: Lightcast- [economicmodeling.com](https://economicmodeling.com)- 2022.3

Table 17: Top Staffed Energy Occupations in 2021

SOC	Description	Employed in Industry Group (2021)	Employed in Industry Group (2026)	Change (2021 - 2026)	% Change (2021 - 2026)	% of Total Jobs in Industry Group (2021)	Median Hourly Earnings	Typical Entry Level Education	Work Experience Required	Typical On-The-Job Training
47-1011	First-Line Supervisors of Construction Trades and Extraction Workers	187	178	-9	-5%	4.2%	\$28.78	High school diploma or equivalent	5 years or more	None
47-5013	Service Unit Operators, Oil and Gas	173	119	-54	-31%	3.9%	\$21.75	No formal educational credential	None	Moderate-term on-the-job training
47-5071	Roustabouts, Oil and Gas	172	125	-47	-27%	3.9%	\$18.97	No formal educational credential	None	Moderate-term on-the-job training
47-2061	Construction Laborers	158	180	22	14%	3.5%	\$15.44	No formal educational credential	None	Short-term on-the-job training
51-4121	Welders, Cutters, Solderers, and Brazers	158	131	-26	-17%	3.5%	\$20.49	High school diploma or equivalent	None	Moderate-term on-the-job training
47-2073	Operating Engineers and Other Construction Equipment Operators	143	136	-7	-5%	3.2%	\$18.89	High school diploma or equivalent	None	Moderate-term on-the-job training
11-1021	General and Operations Managers	129	117	-12	-9%	2.9%	\$35.83	Bachelor's degree	5 years or more	None

SOC	Description	Employed in Industry Group (2021)	Employed in Industry Group (2026)	Change (2021 - 2026)	% Change (2021 - 2026)	% of Total Jobs in Industry Group (2021)	Median Hourly Earnings	Typical Entry Level Education	Work Experience Required	Typical On-The-Job Training
53-3032	Heavy and Tractor-Trailer Truck Drivers	115	104	-11	-9%	2.6%	\$20.68	Postsecondary nondegree award	None	Short-term on-the-job training
51-2098	Miscellaneous Assemblers and Fabricators	108	87	-21	-20%	2.4%	\$18.88	High school diploma or equivalent	None	Moderate-term on-the-job training
47-5012	Rotary Drill Operators, Oil and Gas	108	70	-38	-35%	2.4%	\$21.80	No formal educational credential	None	Moderate-term on-the-job training

Source: *Lightcast- economicmodeling.com- 2022.3*

Table 18: Top Growing Energy Occupations by 2026

SOC	Description	Employed in Industry Group (2021)	Employed in Industry Group (2026)	Change (2021 - 2026)	% Change (2021 - 2026)	% of Total Jobs in Industry Group (2021)	Median Hourly Earnings	Typical Entry Level Education	Work Experience Required	Typical On-The-Job Training
47-2061	Construction Laborers	158	180	22	14%	3.5%	\$15.44	No formal educational credential	None	Short-term on-the-job training
49-9051	Electrical Power-Line Installers and Repairers	100	112	11	11%	2.3%	\$29.70	High school diploma or equivalent	None	Long-term on-the-job training
11-9021	Construction Managers	31	36	6	19%	0.7%	\$39.03	Bachelor's degree	None	Moderate-term on-the-job training
49-9081	Wind Turbine Service Technicians	30	35	5	18%	0.7%	\$23.67	Postsecondary nondegree award	None	Long-term on-the-job training
47-2151	Pipelayers	22	26	4	17%	0.5%	\$15.89	No formal educational credential	None	Short-term on-the-job training
17-2071	Electrical Engineers	24	28	4	15%	0.5%	\$44.90	Bachelor's degree	None	None
47-2031	Carpenters	11	13	2	14%	0.3%	\$17.76	High school diploma or equivalent	None	Apprenticeship
13-1051	Cost Estimators	16	17	1	4%	0.4%	\$20.86	Bachelor's degree	None	Moderate-term on-the-job training

SOC	Description	Employed in Industry Group (2021)	Employed in Industry Group (2026)	Change (2021 - 2026)	% Change (2021 - 2026)	% of Total Jobs in Industry Group (2021)	Median Hourly Earnings	Typical Entry Level Education	Work Experience Required	Typical On-The-Job Training
49-3042	Mobile Heavy Equipment Mechanics, Except Engines	20	20	0	1%	0.5%	\$22.62	High school diploma or equivalent	None	Long-term on-the-job training
17-3023	Electrical and Electronic Engineering Technologists and Technicians	15	15	0	1%	0.3%	\$33.24	Associate's degree	None	None

Source: Lightcast- [economicmodeling.com](https://economicmodeling.com)- 2022.3



**Table 19: Top Staffed Information and Financial Services Occupations in 2021**

SOC	Description	Employed in Industry Group (2021)	Employed in Industry Group (2026)	Change (2021 - 2026)	% Change (2021 - 2026)	% of Total Jobs in Industry Group (2021)	Median Hourly Earnings	Typical Entry Level Education	Work Experience Required	Typical On-The-Job Training
43-3071	Tellers	468	389	-79	-17%	9.9%	\$13.32	High school diploma or equivalent	None	Short-term on-the-job training
43-4051	Customer Service Representatives	298	291	-7	-2%	6.3%	\$13.59	High school diploma or equivalent	None	Short-term on-the-job training
13-2072	Loan Officers	260	239	-21	-8%	5.5%	\$27.39	Bachelor's degree	Less than 5 years	Moderate-term on-the-job training
13-2011	Accountants and Auditors	248	250	3	1%	5.2%	\$29.09	Bachelor's degree	None	None
43-1011	First-Line Supervisors of Office and Administrative Support Workers	218	198	-20	-9%	4.6%	\$22.57	High school diploma or equivalent	Less than 5 years	None
43-4131	Loan Interviewers and Clerks	216	192	-24	-11%	4.6%	\$17.55	High school diploma or equivalent	None	Short-term on-the-job training
43-3031	Bookkeeping, Accounting, and Auditing Clerks	185	173	-12	-6%	3.9%	\$16.96	Some college, no degree	None	Moderate-term on-the-job training
11-1021	General and Operations Managers	153	161	8	5%	3.2%	\$35.83	Bachelor's degree	5 years or more	None
15-1252	Software Developers	128	173	45	35%	2.7%	\$39.38	Bachelor's degree	None	None

SOC	Description	Employed in Industry Group (2021)	Employed in Industry Group (2026)	Change (2021 - 2026)	% Change (2021 - 2026)	% of Total Jobs in Industry Group (2021)	Median Hourly Earnings	Typical Entry Level Education	Work Experience Required	Typical On-The-Job Training
15-1232	Computer User Support Specialists	126	141	16	12%	2.7%	\$19.02	Some college, no degree	None	None

Source: Lightcast- [economicmodeling.com](https://economicmodeling.com)- 2022.3

**Table 20: Top Growing Information and Financial Services Occupations by 2026**

SOC	Description	Employed in Industry Group (2021)	Employed in Industry Group (2026)	Change (2021 - 2026)	% Change (2021 - 2026)	% of Total Jobs in Industry Group (2021)	Median Hourly Earnings	Typical Entry Level Education	Work Experience Required	Typical On-The-Job Training
15-1252	Software Developers	128	173	45	35%	2.7%	\$39.38	Bachelor's degree	None	None
15-1232	Computer User Support Specialists	126	141	16	12%	2.7%	\$19.02	Some college, no degree	None	None
41-3091	Sales Representatives of Services, Except Advertising, Insurance, Financial Services, and Travel	111	123	12	11%	2.3%	\$21.83	High school diploma or equivalent	None	Moderate-term on-the-job training
11-3021	Computer and Information Systems Managers	56	65	9	16%	1.2%	\$47.66	Bachelor's degree	5 years or more	None
13-1161	Market Research Analysts and Marketing Specialists	61	70	9	14%	1.3%	\$22.27	Bachelor's degree	None	None
15-1211	Computer Systems Analysts	64	73	9	13%	1.4%	\$36.55	Bachelor's degree	None	None
11-3031	Financial Managers	115	123	8	7%	2.4%	\$46.01	Bachelor's degree	5 years or more	None
11-1021	General and Operations Managers	153	161	8	5%	3.2%	\$35.83	Bachelor's degree	5 years or more	None

SOC	Description	Employed in Industry Group (2021)	Employed in Industry Group (2026)	Change (2021 - 2026)	% Change (2021 - 2026)	% of Total Jobs in Industry Group (2021)	Median Hourly Earnings	Typical Entry Level Education	Work Experience Required	Typical On-The-Job Training
15-1253	Software Quality Assurance Analysts and Testers	24	31	7	28%	0.5%	\$21.26	Bachelor's degree	None	None
15-1212	Information Security Analysts	28	35	7	24%	0.6%	\$34.48	Bachelor's degree	Less than 5 years	None

Source: Lightcast- [economicmodeling.com](https://economicmodeling.com)- 2022.3

**Table 21: Top Staffed Manufacturing Occupations in 2021**

SOC	Description	Employed in Industry Group (2021)	Employed in Industry Group (2026)	Change (2021 - 2026)	% Change (2021 - 2026)	% of Total Jobs in Industry Group (2021)	Median Hourly Earnings	Typical Entry Level Education	Work Experience Required	Typical On-The-Job Training
51-9197	Tire Builders	920	867	-53	-6%	12.5%	\$27.98	High school diploma or equivalent	None	Moderate-term on-the-job training
51-2098	Miscellaneous Assemblers and Fabricators	500	483	-17	-3%	6.8%	\$18.88	High school diploma or equivalent	None	Moderate-term on-the-job training
51-1011	First-Line Supervisors of Production and Operating Workers	365	366	1	0%	4.9%	\$28.73	High school diploma or equivalent	Less than 5 years	None
51-9061	Inspectors, Testers, Sorters, Samplers, and Weighers	299	270	-29	-10%	4.1%	\$19.74	High school diploma or equivalent	None	Moderate-term on-the-job training
51-4121	Welders, Cutters, Solderers, and Brazers	242	239	-3	-1%	3.3%	\$20.49	High school diploma or equivalent	None	Moderate-term on-the-job training
49-9043	Maintenance Workers, Machinery	209	213	4	2%	2.8%	\$16.41	High school diploma or equivalent	None	Long-term on-the-job training
51-9161	Computer Numerically Controlled Tool Operators	207	188	-19	-9%	2.8%	\$20.99	High school diploma or equivalent	None	Moderate-term on-the-job training
51-4041	Machinists	205	192	-13	-6%	2.8%	\$22.10	High school diploma or equivalent	None	Long-term on-the-job training

SOC	Description	Employed in Industry Group (2021)	Employed in Industry Group (2026)	Change (2021 - 2026)	% Change (2021 - 2026)	% of Total Jobs in Industry Group (2021)	Median Hourly Earnings	Typical Entry Level Education	Work Experience Required	Typical On-The-Job Training
51-9032	Cutting and Slicing Machine Setters, Operators, and Tenders	198	196	-2	-1%	2.7%	\$28.76	High school diploma or equivalent	None	Moderate-term on-the-job training
51-9041	Extruding, Forming, Pressing, and Compacting Machine Setters, Operators, and Tenders	194	190	-4	-2%	2.6%	\$25.56	High school diploma or equivalent	None	Moderate-term on-the-job training

Source: Lightcast- [economicmodeling.com](https://economicmodeling.com)- 2022.3

Table 22: Top Growing Manufacturing Occupations by 2026

SOC	Description	Employed in Industry Group (2021)	Employed in Industry Group (2026)	Change (2021 - 2026)	% Change (2021 - 2026)	% of Total Jobs in Industry Group (2021)	Median Hourly Earnings	Typical Entry Level Education	Work Experience Required	Typical On-The-Job Training
49-9041	Industrial Machinery Mechanics	83	95	13	15%	1.1%	\$25.71	High school diploma or equivalent	None	Long-term on-the-job training
53-3032	Heavy and Tractor-Trailer Truck Drivers	101	112	11	11%	1.4%	\$20.68	Postsecondary nondegree award	None	Short-term on-the-job training
47-2211	Sheet Metal Workers	43	52	9	21%	0.6%	\$24.90	High school diploma or equivalent	None	Apprenticeship
51-9196	Paper Goods Machine Setters, Operators, and Tenders	14	23	8	59%	0.2%	\$16.34	High school diploma or equivalent	None	Moderate-term on-the-job training
53-7062	Laborers and Freight, Stock, and Material Movers, Hand	181	188	6	3%	2.5%	\$13.54	No formal educational credential	None	Short-term on-the-job training
51-7011	Cabinetmakers and Bench Carpenters	32	38	6	19%	0.4%	\$15.70	High school diploma or equivalent	None	Moderate-term on-the-job training
51-9081	Dental Laboratory Technicians	24	29	5	22%	0.3%	\$31.67	High school diploma or equivalent	None	Moderate-term on-the-job training
51-9023	Mixing and Blending Machine Setters, Operators, and Tenders	71	76	5	7%	1.0%	\$13.57	High school diploma or equivalent	None	Moderate-term on-the-job training

SOC	Description	Employed in Industry Group (2021)	Employed in Industry Group (2026)	Change (2021 - 2026)	% Change (2021 - 2026)	% of Total Jobs in Industry Group (2021)	Median Hourly Earnings	Typical Entry Level Education	Work Experience Required	Typical On-The-Job Training
51-3011	Bakers	21	26	5	24%	0.3%	\$11.87	No formal educational credential	None	Long-term on-the-job training
51-9111	Packaging and Filling Machine Operators and Tenders	134	138	4	3%	1.8%	\$13.51	High school diploma or equivalent	None	Moderate-term on-the-job training

Source: Lightcast- [economicmodeling.com](http://economicmodeling.com)- 2022.3



**Table 23: Top Staffed Transportation and Logistics Occupations in 2021**

SOC	Description	Employed in Industry Group (2021)	Employed in Industry Group (2026)	Change (2021 - 2026)	% Change (2021 - 2026)	% of Total Jobs in Industry Group (2021)	Median Hourly Earnings	Typical Entry Level Education	Work Experience Required	Typical On-The-Job Training
53-3032	Heavy and Tractor-Trailer Truck Drivers	683	745	62	9%	10.3%	\$20.68	Postsecondary nondegree award	None	Short-term on-the-job training
51-9197	Tire Builders	662	639	-23	-3%	9.9%	\$27.98	High school diploma or equivalent	None	Moderate-term on-the-job training
53-7062	Laborers and Freight, Stock, and Material Movers, Hand	399	441	42	11%	6.0%	\$13.54	No formal educational credential	None	Short-term on-the-job training
51-2098	Miscellaneous Assemblers and Fabricators	316	315	-1	0%	4.7%	\$18.88	High school diploma or equivalent	None	Moderate-term on-the-job training
41-4012	Sales Representatives, Wholesale and Manufacturing, Except Technical and Scientific Products	263	315	52	20%	4.0%	\$19.75	High school diploma or equivalent	None	Moderate-term on-the-job training
53-7051	Industrial Truck and Tractor Operators	229	250	22	9%	3.4%	\$20.08	No formal educational credential	None	Short-term on-the-job training
53-7065	Stockers and Order Fillers	222	249	27	12%	3.3%	\$13.48	High school diploma or equivalent	None	Short-term on-the-job training

SOC	Description	Employed in Industry Group (2021)	Employed in Industry Group (2026)	Change (2021 - 2026)	% Change (2021 - 2026)	% of Total Jobs in Industry Group (2021)	Median Hourly Earnings	Typical Entry Level Education	Work Experience Required	Typical On-The-Job Training
51-9061	Inspectors, Testers, Sorters, Samplers, and Weighers	186	167	-18	-10%	2.8%	\$19.74	High school diploma or equivalent	None	Moderate-term on-the-job training
51-1011	First-Line Supervisors of Production and Operating Workers	175	177	2	1%	2.6%	\$28.73	High school diploma or equivalent	Less than 5 years	None
11-1021	General and Operations Managers	165	183	17	11%	2.5%	\$35.83	Bachelor's degree	5 years or more	None

Source: Lightcast- economicmodeling.com- 2022.3

**Table 24: Top Growing Transportation and Logistics Occupations by 2026**

SOC	Description	Employed in Industry Group (2021)	Employed in Industry Group (2026)	Change (2021 - 2026)	% Change (2021 - 2026)	% of Total Jobs in Industry Group (2021)	Median Hourly Earnings	Typical Entry Level Education	Work Experience Required	Typical On-The-Job Training
53-3032	Heavy and Tractor-Trailer Truck Drivers	683	745	62	9%	10.3%	\$20.68	Postsecondary nondegree award	None	Short-term on-the-job training
41-4012	Sales Representatives, Wholesale and Manufacturing, Except Technical and Scientific Products	263	315	52	20%	4.0%	\$19.75	High school diploma or equivalent	None	Moderate-term on-the-job training
53-7062	Laborers and Freight, Stock, and Material Movers, Hand	399	441	42	11%	6.0%	\$13.54	No formal educational credential	None	Short-term on-the-job training
53-7065	Stockers and Order Fillers	222	249	27	12%	3.3%	\$13.48	High school diploma or equivalent	None	Short-term on-the-job training
53-7051	Industrial Truck and Tractor Operators	229	250	22	9%	3.4%	\$20.08	No formal educational credential	None	Short-term on-the-job training
11-1021	General and Operations Managers	165	183	17	11%	2.5%	\$35.83	Bachelor's degree	5 years or more	None
51-4121	Welders, Cutters, Solderers, and Brazers	79	94	15	19%	1.2%	\$20.49	High school diploma or equivalent	None	Moderate-term on-the-job training
41-4011	Sales Representatives,	143	157	14	10%	2.2%	\$23.85	Bachelor's degree	None	Moderate-term on-

SOC	Description	Employed in Industry Group (2021)	Employed in Industry Group (2026)	Change (2021 - 2026)	% Change (2021 - 2026)	% of Total Jobs in Industry Group (2021)	Median Hourly Earnings	Typical Entry Level Education	Work Experience Required	Typical On-The-Job Training
	Wholesale and Manufacturing, Technical and Scientific Products									the-job training
53-1047	First-Line Supervisors of Transportation and Material Moving Workers, Except Aircraft Cargo Handling Supervisors	90	101	11	12%	1.4%	\$24.70	High school diploma or equivalent	Less than 5 years	None
53-3033	Light Truck Drivers	119	129	10	8%	1.8%	\$15.87	High school diploma or equivalent	None	Short-term on-the-job training

Source: Lightcast- economicmodeling.com- 2022.3