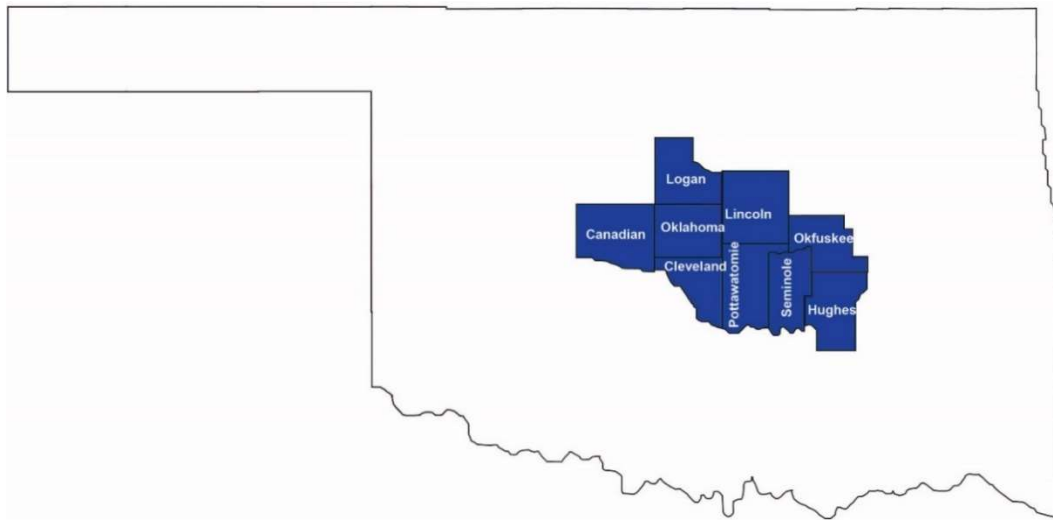


CENTRAL OKLAHOMA WORKFORCE DEVELOPMENT AREA



2022 LOCAL BRIEFING



**OKLAHOMA
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Introduction

The Central Oklahoma Workforce Development Area (WFDA) is comprised of nine Oklahoma counties: Canadian, Cleveland, Hughes, Lincoln, Logan, Okfuskee, Oklahoma, Pottawatomie, and Seminole. According to the U.S. Census Bureau, this combined centralized region of Oklahoma covers 6,774 square miles and is home to more than 1.4 million residents. The following reviews the population, education, labor force, top industries by total jobs, and staffing patterns of state target sectors for the Central Oklahoma WFDA.

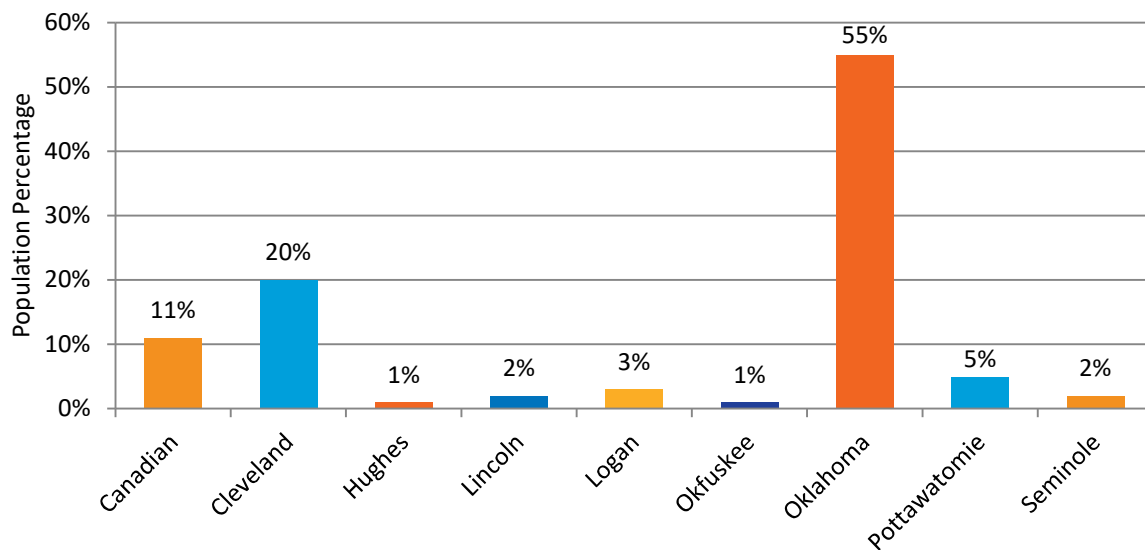
Population

Between 2016 and 2021, the Central WFDA grew by approximately 5%, from 1,402,907 to 1,467,000, or around 64,093 additional people. By 2026, the area is expected to grow by an additional 5% to 1,539,245 people. The following shows population figures and analyses by county, age, race, and ethnicity in the Central WFDA.

Population by County

Figure 1 shows the Central WFDA population breakdown by county. Oklahoma County had the largest population, representing 55% of the population in the Central WFDA. Cleveland County had the second largest population at 20%. Okfuskee County and Hughes County had the smallest population, each representing 1% of the population in the Central WFDA.

Figure 1: Population by County



Source: *Lightcast- economicmodeling.com- 2022.3*

Table 1 provides the population change from 2016 to 2021. During this period, six out of nine counties grew in population. Oklahoma County grew the most at 26,995 people by 2021. Canadian County was next at 21,107 more people. Alternatively, Seminole County experienced the largest population decrease at 984 fewer people.

Table 1: Population by County

County	2016 Population	2021 Population	Total Change
Canadian	136,508	157,615	21,107
Cleveland	278,062	290,442	12,380
Hughes	13,417	13,155	-262
Lincoln	34,907	35,273	366
Logan	46,032	49,715	3,683
Okfuskee	12,089	11,754	-335
Oklahoma	784,684	811,679	26,995
Pottawatomie	72,051	73,194	1,143
Seminole	25,157	24,173	-984
Total	1,402,907	1,467,000	64,093

Source: Lightcast- economicmodeling.com- 2022.3

Table 2 shows the projected population change from 2021 to 2026. During this period, eight out of nine counties are projected to increase in population. All counties are expected to gain positive growth while Seminole County is expected to continue declining in population, losing another 183 people by 2026.

Table 2: Projected Population by County

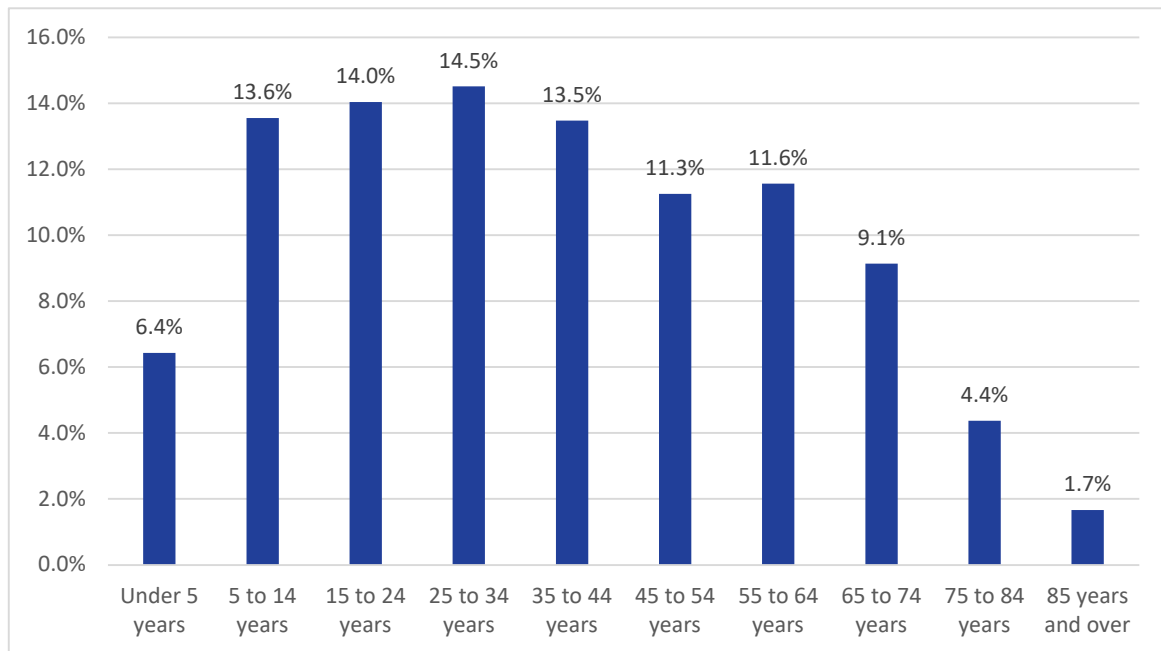
County	2021 Population	2026 Population	Total Change
Canadian	157,615	178,176	20,561
Cleveland	290,442	304,672	14,230
Hughes	13,155	13,412	257
Lincoln	35,273	36,377	1,104
Logan	49,715	54,062	4,347
Okfuskee	11,754	11,922	168
Oklahoma	811,679	842,688	31,009
Pottawatomie	73,194	73,946	752
Seminole	24,173	23,990	-183
Total	1,467,000	1,539,245	90,397

Source: Lightcast- economicmodeling.com- 2022.3

Population by Age

Figure 2 shows Central's population by age in 2021. 25- to 34-year-olds made up the largest percentage of the population at 14.5%. Individuals 15- to 24-years of age were the second largest percentage of the population at 14%. Those aged 85-years and over made up the smallest percentage of the population at 1.7%.

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, nearly all age groups grew in population. In particular, those 65- to 74-years of age grew the most at 23,096 while 35- to 44-year-olds were next at 19,388 more people. 25- to 34-year-olds grew the least at just 613 more people added in the last 5 years. Alternatively, those aged under 5 and 45 to 54 were the only age groups to decline in population during this period at 3,714 and 2,812 fewer people, respectively.

Table 3: Population by Age

Age	2016 Population	2021 Population	Total Change
Under 5 years	98,009	94,295	-3,714
5 to 14 years	194,155	198,868	4,713
15 to 24 years	197,439	205,861	8,422
25 to 34 years	212,293	212,906	613
35 to 44 years	178,346	197,734	19,388
45 to 54 years	167,915	165,103	-2,812
55 to 64 years	167,565	169,686	2,121
65 to 74 years	110,992	134,088	23,096
75 to 84 years	54,100	64,083	9,983
85 years and over	22,093	24,374	2,281
Total	1,402,907	1,467,000	64,093

Source: Lightcast - economicmodeling.com- 2022.3

Table 4 provides the population change by age group from 2021 to 2026. During this period, nearly all age groups are projected to increase in population. In particular, those 75- to 84-years of age will grow the most at 19,348 while 65- to 74-year-olds will be next at 15,235 more people. Those under 5 will grow the least at 1,548 more people added in the next 5 years. Alternatively, those 5 to 14 and 55 to 64 were the only age groups projected to decline in population during this period at 383 and 6,504 fewer people, respectively.

Table 4: Projected Population by Age

Demographic	2021 Population	2026 Population	Total Change
Under 5 years	94,295	95,843	1,548
5 to 14 years	198,868	198,485	-383
15 to 24 years	205,861	215,454	9,593
25 to 34 years	212,906	217,374	4,468
35 to 44 years	197,734	210,710	12,976
45 to 54 years	165,103	177,066	11,963
55 to 64 years	169,686	163,182	-6,504
65 to 74 years	134,088	149,323	15,235
75 to 84 years	64,083	83,431	19,348
85 years and over	24,374	28,377	4,003
Total	1,467,000	1,539,245	64,093

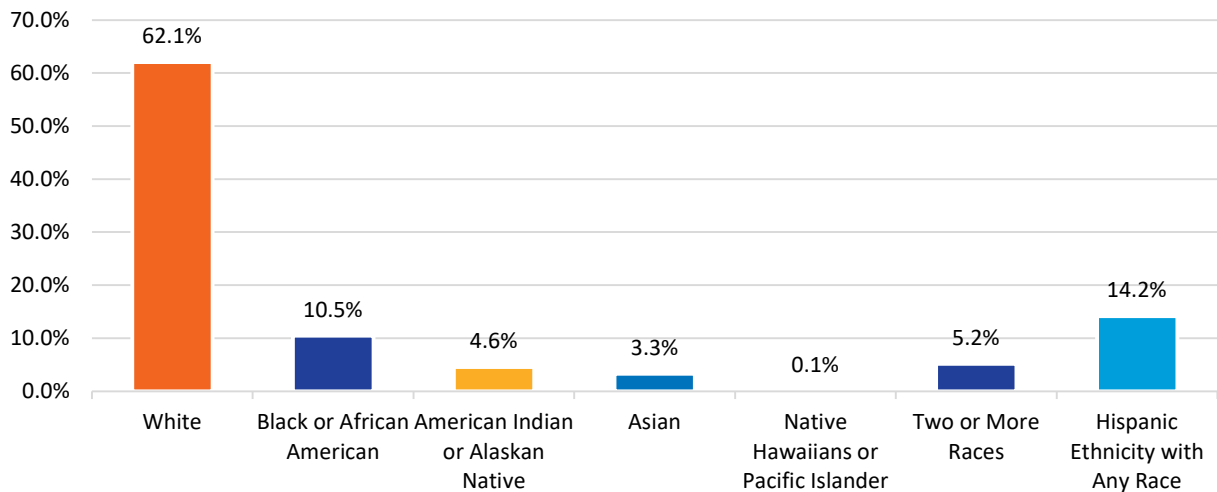
Source: Lightcast – economicmodeling.com – 2022.3

Population by Race and Ethnicity

The following analyses used the racial and ethnicity categories designated by the U.S. Census Bureau which 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 shows the Central WFDA population percentage by race and ethnicity in 2021. This figure shows that Whites made up the largest percentage of the population at 62.1%. Hispanic Ethnicity with Any Race made up the second largest percentage of the population at 14.2%. Native Hawaiians or Pacific Islanders were the smallest percentage of the population at 0.1%.

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, all demographic groups increased in population. Hispanic and Whites added the most population during this period at 27,200 and 13,657 additional people by 2021, respectively. Alternatively, Native Hawaiians or Pacific Islanders and American Indian or Alaskan Natives added the least in total population during this period at 369 and 2,215 additional people, respectively.

Table 5: Population by Race and Ethnicity

Demographic	2016 Population	2021 Population	Total Change
White	897,932	911,589	13,657
Black or African American	145,905	153,617	7,712
American Indian or Alaskan Native	65,918	68,133	2,215
Asian	45,449	48,878	3,429
Native Hawaiian or Pacific Islander	1,068	1,437	369
Two or More Races	67,286	76,797	9,511
Hispanic	179,349	206,549	27,200
Total	1,402,907	1,467,000	64,093

Source: Lightcast - economicmodeling.com- 2022.3

Table 6 provides the population change by demographic group from 2021 to 2026. During this period, all demographic groups are projected to increase in population. Hispanic and Whites will continue to add the most population at 27,200 and 13,657 additional people by 2021, respectively. Alternatively, Native Hawaiians or Pacific Islanders and American Indian or Alaskan Natives will continue to add the least in total population at 501 and 2,404 additional people, respectively.

Table 6: Projected Population by Race and Ethnicity

Demographic	2021 Population	2026 Population	Total Change
White	911,589	925,283	13,694
Black or African American	153,617	161,410	7,793
American Indian or Alaskan Native	68,133	70,537	2,404
Asian	48,878	53,548	4,670
Native Hawaiian or Pacific Islander	1,437	1,938	501
Two or More Races	76,797	91,117	14,320
Hispanic	206,549	235,412	28,863
Total	1,467,000	1,467,000	64,093

Source: Lightcast – economicmodeling.com – 2022.3

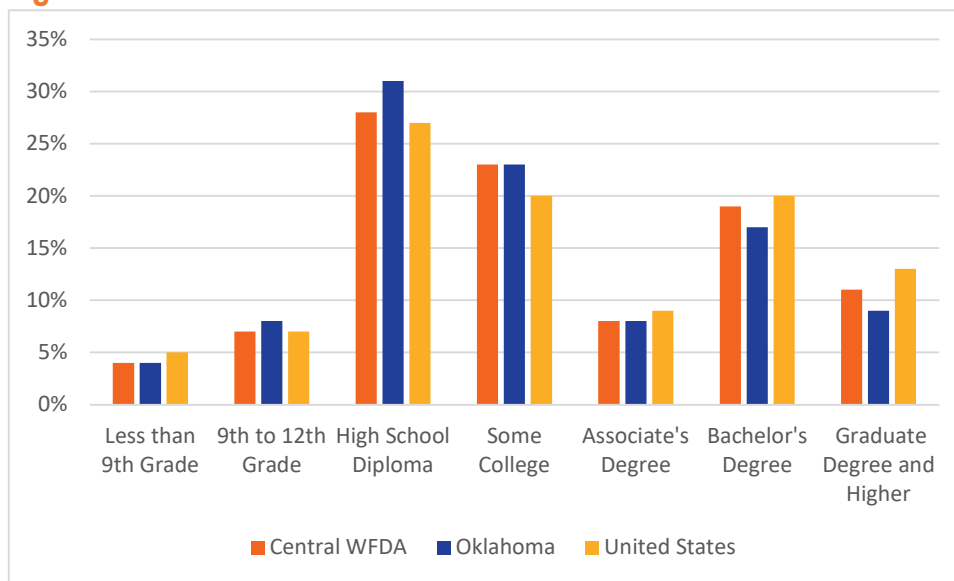
Education

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

Educational Attainment

Figure 4 compares the Central WFDA educational attainment levels with State of Oklahoma and United States in 2021. In Central, High School Diploma made up the largest share of the population at 28%. This was three percentage points lower than the State average of 31%. The second largest share of the population was Some College at 23%. Those with less than 9th grade educational attainment represented the smallest group at 4%, matching the State average.

Figure 4: Educational Attainment



Source: Lightcast- economicmodeling.com- 2022.3

Table 7 shows the change in educational attainment levels in the 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 Bachelor’s Degree grew the most during this period at 18,257 more people. Those with a Graduate Degree and Higher were next at an additional 17,945 people. Alternatively, a combined 7,028 fewer people had an education below High School Diploma level by 2021. Those with a High School Diploma also grew during this period at 16,257 more people.

Table 7: Educational Attainment

Education Level	2016 Population	2021 Population	Total Change
Less Than 9th Grade	41,079	39,091	-1,988
9th Grade to 12th Grade	72,691	67,650	-5,040
High School Diploma	250,380	266,636	16,257
Some College	224,065	223,694	-370
Associate's Degree	66,164	75,776	9,611
Bachelor's Degree	168,880	187,137	18,257
Graduate Degree and Higher	90,046	107,991	17,945
Total	913,304	967,975	54,671

Source: Lightcast - economicmodeling.com- 2022.3

Table 8 provides the change in educational attainment levels in 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 16,681 more people. Those with a Bachelor's Degree will be next at an additional 15,942 more people. Alternatively, a combined 988 more people will have an education below the High School Diploma level by 2026. Those with a Graduate Degree and Higher will grow by 13,345 people during this period.

Table 8: Projected Educational Attainment

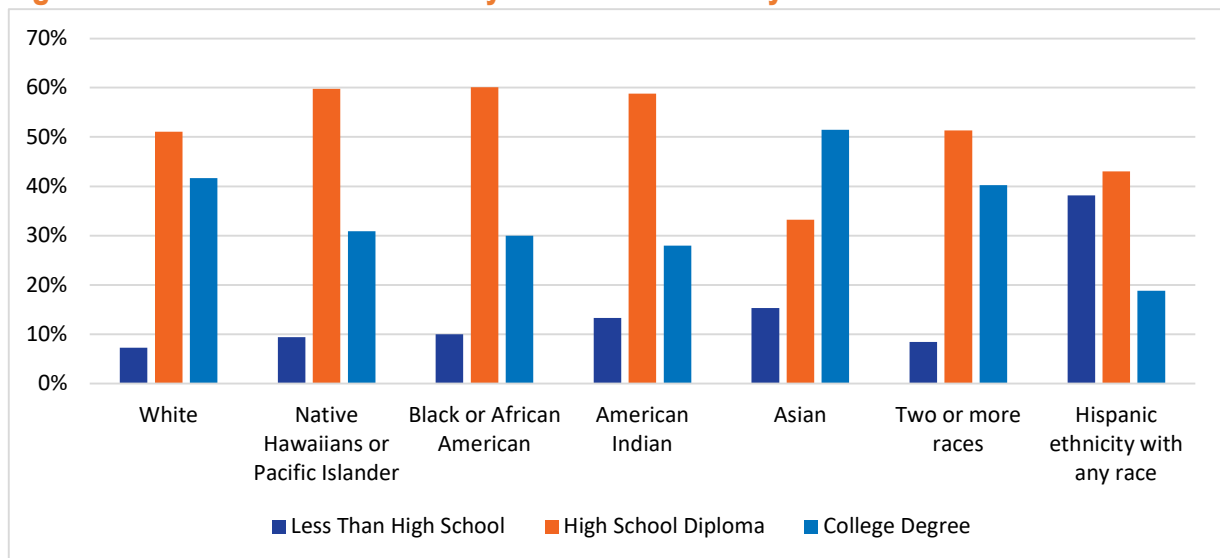
Education Level	2021 Population	2026 Population	Total Change
Less Than 9th Grade	39,091	39,814	723
9th Grade to 12th Grade	67,650	67,915	265
High School Diploma	266,636	283,317	16,681
Some College	223,694	229,966	6,272
Associate's Degree	75,776	84,035	8,259
Bachelor's Degree	187,137	203,079	15,942
Graduate Degree and Higher	107,991	121,336	13,345
Total	967,975	1,029,463	61,488

Source: Lightcast – economicmodeling.com – 2022.3

Educational Attainment by Race and Ethnicity

Figure 5 shows the breakdown of education by race and ethnicity. Across all racial and ethnic groups besides Asian, High School Diploma was the most common educational attainment level. Hispanic Ethnicity with Any Race had the largest population percentage at the Less than High School level at 38%. Native Hawaiians or Pacific Islanders and Black or African Americans had the highest attainment at the High School Diploma level, both at 60%. Lastly, Asian Americans had the highest population percentage at the College Degree level at 51%.

Figure 5: Education Attainment by Race and Ethnicity



Source: Lightcast- economicmodeling.com- 2022.3

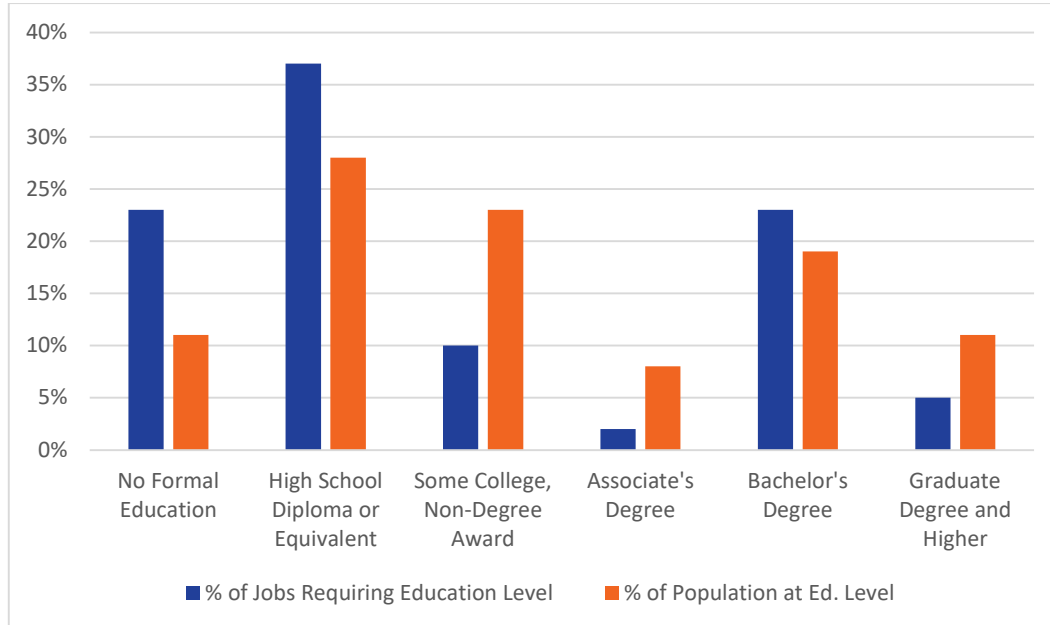
Education Mismatch

Figure 6 below shows an educational attainment mismatch analysis for the Central WFDA.¹ This compares the typical education required for jobs to the educational attainment of the population in 2021. 23% of jobs in Central require no formal education while just 11% 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, 37% of jobs in Central require this level of education while 28% of the population hold this level of education. 31% of the population had Some College or an Associate's Degree, while just 12% of jobs required these levels of education, suggesting underemployment. This is similar for those with a Graduate Degree or Higher, where 11% of the population is

¹ The educational attainment mismatch analysis, formerly known as skills gaps analysis, is attained by comparing the working age (25 years and older) population's 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.

prepared for 5% of the jobs in the market. At the Bachelor's Degree level, 19% of the population have the degree while 23% of jobs require it.

Figure 3: Educational Attainment Mismatch



Source: Lightcast- economicmodeling.com- 2022.3

Educational Assets

Central has 29 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 in the appendix details accredited institutions and their degree types.

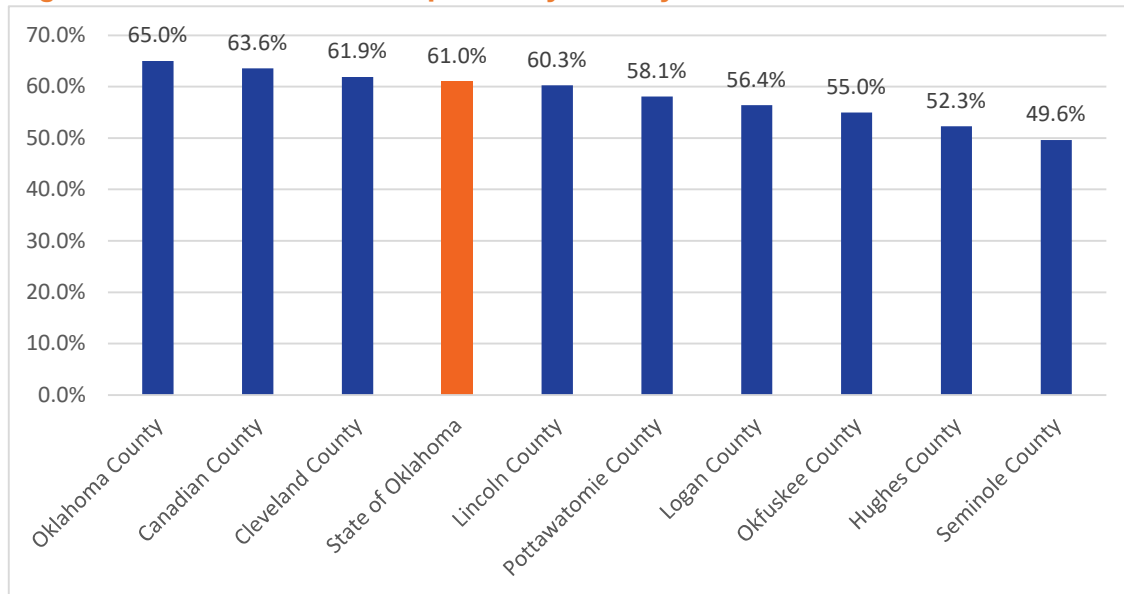
Labor Force

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 Central's labor force participation rates broken down by county, median earnings, as well as commuter data detailing inflow, outflow, and circulation in the Central WFDA.

Labor Force Participation by County

Figure 7 shows the Central WFDA labor force participation rate by county in June 2022. Currently, three of nine counties in the Central WFDA meet or exceed the Oklahoma state average labor force participation rate of 61%. The highest percentage is in Oklahoma County at 65%. The second highest is in Canadian County at 63.6%. The third highest is in Mayes County at 61.9%. The lowest percentage is in Seminole County at 49.6%.

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, more than half of Central's county labor force participation rates decreased. This follows the general decline of the state's rate at -0.4% since June 2021. Cleveland County's labor force participation rate grew during this period at an additional 0.4%. Hughes County's rate decreased by the most at -2.7%.

Table 10: Labor Force Participation by County

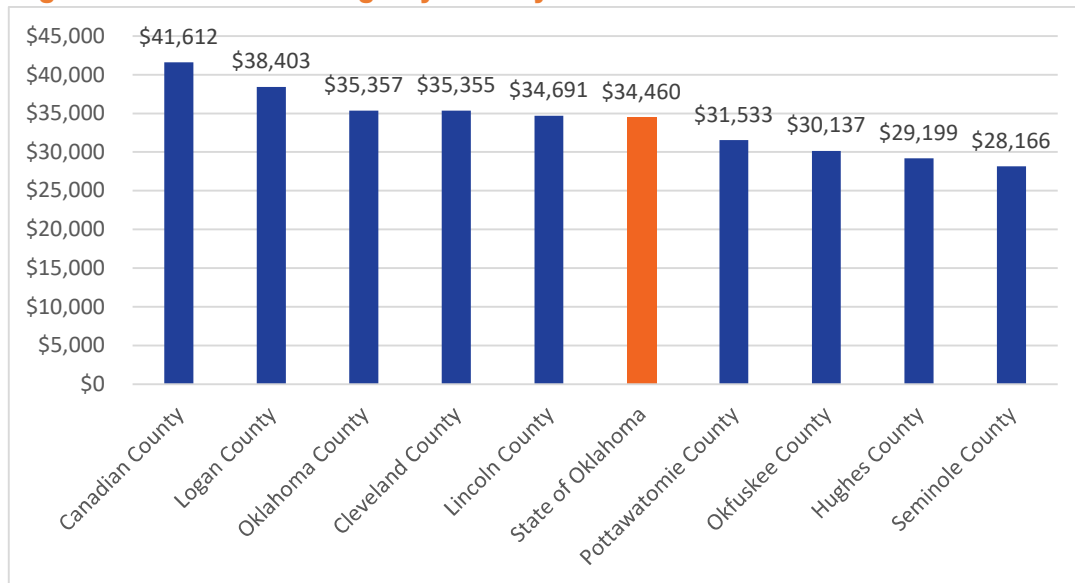
Area	June 2021	June 2022	Total Change
State of Oklahoma	61.4%	61.0%	-0.4%
Canadian County	64.3%	63.6%	-0.7%
Cleveland County	61.4%	61.9%	0.4%
Hughes County	55.0%	52.3%	-2.7%
Lincoln County	60.0%	60.3%	0.3%
Logan County	56.3%	56.4%	0.1%
Okfuskee County	55.6%	55.0%	-0.6%
Oklahoma County	65.1%	65.0%	-0.1%
Okmulgee County	55.3%	55.6%	0.3%
Pottawatomie County	58.6%	58.1%	-0.5%
Seminole County	49.9%	49.6%	-0.4%

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 Central’s counties and the State of Oklahoma as a whole. The highest earnings were found in Canadian County at \$41,612. The second highest were Logan County at \$38,403. The third highest were in Oklahoma County at \$35,357. The lowest median earnings were in Seminole County at \$28,166. Overall, more than half of 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

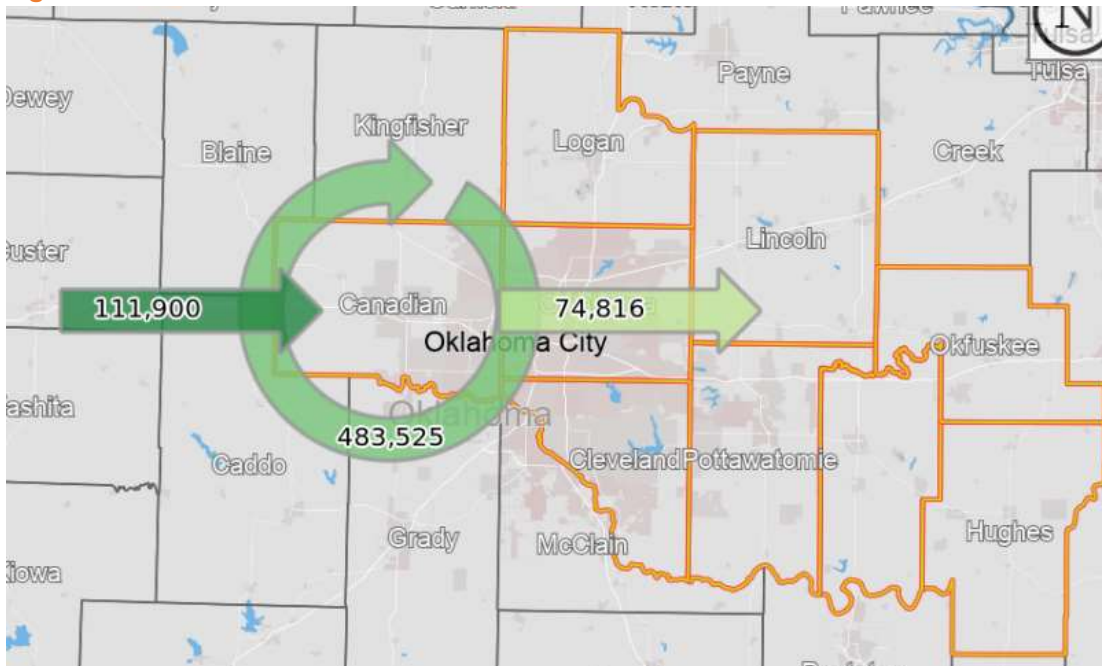


Source: American Community Survey (ACS) 2021 5-Year Estimates

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 Central WFDA 111,900 work in the area but did not live there. 483,525 people lived in the Central WFDA and worked there. 74,816 people lived in Central WFDA and worked outside the area (see Figure 9).

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.

Table 11 below shows the top ten industries in the Central WFDA by the total number of jobs in 2021. There was an estimated 620,936 number of total jobs in the Central WFDA in 2021. The largest sector was Government with 118,910 jobs. The second largest sector was Health Care and Social Assistance with 81,115 jobs. The tenth largest sector was Finance and Insurance with 24,626 jobs. Together, these industries made up 85% of the total jobs in the area.

Table 11: Top Industries by Total Jobs

NAICS	Description	2021 Jobs	Percentage of Total Employment
90	Government	118,910	19.2%
62	Health Care and Social Assistance	81,115	13.1%
44	Retail Trade	69,284	11.2%
72	Accommodation and Food Services	63,703	10.3%
56	Administrative and Support and Waste Management and Remediation Services	39,850	6.4%
54	Professional, Scientific, and Technical Services	36,183	5.8%
31	Manufacturing	34,595	5.6%
23	Construction	29,843	4.8%
48	Transportation and Warehousing	29,673	4.8%
52	Finance and Insurance	24,626	4.0%

Source: *Lightcast- 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

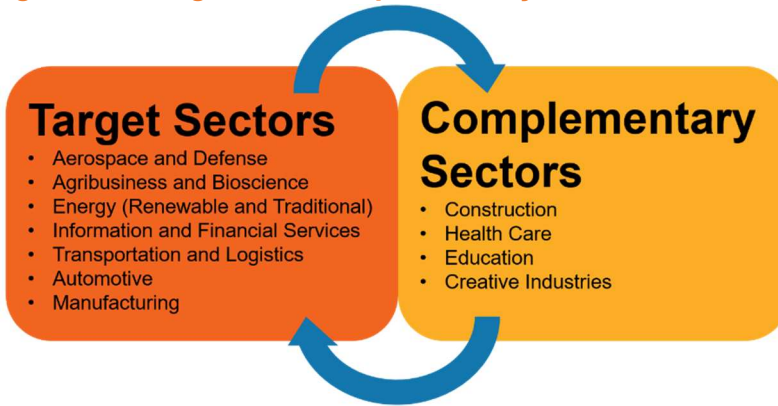


Table 12 shows the estimated number of new jobs for each of the target sectors in 2026, along with the growth rate and average earnings per job in the target sector. All target sectors are projected to grow with the exception of the energy sector.

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	26,605	28,696	2,091	8%	\$97,833
Agribusiness and Bioscience	20,082	21,790	1,708	9%	\$72,256
Energy (Renewable and Traditional)	20,883	15,701	-5,182	-25%	\$123,774
Information and Financial Services	48,119	48,868	749	2%	\$100,701
Manufacturing	34,595	35,406	811	2%	\$78,208
Transportation and Logistics (Includes Automotive)	48,932	52,377	3,445	7%	\$69,073

Source: Lightcast- 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 Central WFDA's population, educational attainment and assets, labor force information, top industry data, and target and complementary sectors. The Central WFDA is one of six Workforce Development Areas (WFDAs) 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.

Appendix

Educational Assets

Table 9: Educational Assets

Institution	Institution Type	City	County	Degree Types
Langston University	Public	Langston	Logan	Associate, Bachelor, Master, Ph.D.
Langston University	Public	Oklahoma City	Oklahoma	Associate, Bachelor, Master, Ph.D.
Oklahoma City Community College	Public	Oklahoma City	Oklahoma	Associate, Certificate
Oklahoma State University	Public	Oklahoma City	Oklahoma	Bachelor, Master, Ph.D.
Oklahoma State University Oklahoma City	Public	Oklahoma City	Oklahoma	Associate, Certificate
Redlands Community College	Public	El Reno	Canadian	Associate
Rose State College	Public	Midwest City	Oklahoma	Associate
Seminole State College	Public	Seminole	Seminole	Certificate, Associate
University of Central Oklahoma	Public	Edmond	Oklahoma	Bachelor, Master, Ph.D., Graduate Certificate
University of Oklahoma	Public	Norman	Cleveland	Bachelor, Master, Ph.D., Graduate Certificate
University of Oklahoma Health Sciences Center	Public	Oklahoma City	Oklahoma	Residency
Central Oklahoma College	For Profit	Oklahoma City	Oklahoma	Certificate
Mid-America Christian University	Private Non-Profit	Oklahoma City	Oklahoma	Associate, Bachelor, Master, Certificate
Oklahoma Baptist University	Private Non-Profit	Shawnee	Pottawatomie	Bachelor, Master
Oklahoma Christian University	Private Non-Profit	Oklahoma City	Oklahoma	Bachelor, Master, Certificate
Oklahoma City University	Private Non-Profit	Oklahoma City	Oklahoma	Bachelor, Master, Ph.D., JD
Platt College	Private For Profit	Oklahoma City	Oklahoma	Certificates
Randall University	Private Non-Profit	Moore	Cleveland	Associate, Bachelor, Master
Southern Nazarene University	Private Non-Profit	Bethany	Oklahoma	Bachelor, Master, Ph.D.

Institution	Institution Type	City	County	Degree Types
Southwestern Christian University	Private Non-Profit	Bethany	Oklahoma	Bachelor, Master
University of Phoenix	Private For Profit	Oklahoma City	Oklahoma	Bachelor, Master
Eastern Oklahoma County	Technical School	Choctaw	Oklahoma	Certificate
Canadian Valley Technology Center	Technical School	El Reno	Canadian	Certificate
Canadian Valley Technology Center	Technical School	Yukon	Canadian	Certificate
Francis Tuttle	Technical School	3 Campuses in Oklahoma City	Oklahoma	Certificate
Gordon Cooper	Technical School	Shawnee	Pottawatomie	Certificate
Metro Tech	Technical School	4 Campuses in Oklahoma City	Oklahoma	Certificate
Mid-Del	Technical School	Midwest City	Oklahoma	Certificate
Moore Norman	Technical School	Norman	Cleveland	Certificate
Moore Norman	Technical School	Oklahoma City	Oklahoma	Certificate
Wes Watkins	Technical School	Wetumka	Hughes	Certificate

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

Target and Complementary NAICS Codes

Aerospace and Defense Industries

NAICS	Industry Description
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

NAICS	Industry Description
21112	Crude Petroleum Extraction
21113	Natural Gas Extraction
21211	Coal Mining
21311	Support Activities for Mining
22111	Electric Power Generation
22112	Electric Power Transmission, Control, and Distribution

NAICS Industry Description

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
	Ventilation, Heating, Air-Conditioning, and Commercial Refrigeration Equipment
33341	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
	Petroleum and Petroleum Products Merchant Wholesalers (except Bulk Stations and
42472	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
11521	Support Activities for Animal Production
11531	Support Activities for Forestry
31111	Animal Food Manufacturing

NAICS Industry Description

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
33311	Agricultural Implement Manufacturing
33451	Navigational, Measuring, Electromedical, and Control Instruments Manufacturing
33461	Manufacturing and Reproducing Magnetic and Optical Media

NAICS Industry Description

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
52213	Credit Unions
52219	Other Depository Credit Intermediation
52221	Credit Card Issuing

NAICS Industry Description

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
33635	Motor Vehicle Transmission and Power Train Parts Manufacturing
33636	Motor Vehicle Seating and Interior Trim Manufacturing
33637	Motor Vehicle Metal Stamping

NAICS Industry Description

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
42393	Recyclable Material Merchant Wholesalers
42394	Jewelry, Watch, Precious Stone, and Precious Metal Merchant Wholesalers
42399	Other Miscellaneous Durable Goods Merchant Wholesalers

NAICS Industry Description

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
48412	General Freight Trucking, Long-Distance
48422	Specialized Freight (except Used Goods) Trucking, Local
48423	Specialized Freight (except Used Goods) Trucking, Long-Distance

NAICS Industry Description

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
31192	Coffee and Tea Manufacturing
31193	Flavoring Syrup and Concentrate Manufacturing
31194	Seasoning and Dressing Manufacturing

NAICS Industry Description

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 Schiffli 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
32312	Support Activities for Printing
32411	Petroleum Refineries
32412	Asphalt Paving, Roofing, and Saturated Materials Manufacturing

NAICS Industry Description

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
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

NAICS Industry Description

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
33512	Lighting Fixture Manufacturing
33521	Small Electrical Appliance Manufacturing
33522	Major Household Appliance Manufacturing

NAICS Industry Description

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
23713	Power and Communication Line and Related Structures Construction
23721	Land Subdivision
23731	Highway, Street, and Bridge Construction

NAICS Industry Description

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
62311	Nursing Care Facilities (Skilled Nursing Facilities)
62321	Residential Intellectual and Developmental Disability Facilities
62322	Residential Mental Health and Substance Abuse Facilities

NAICS Industry Description

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
54134	Drafting Services
54141	Interior Design Services
54142	Industrial Design Services

NAICS Industry Description

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 Sectors Staffing Patterns by Current Jobs and Projected New Jobs

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
49-3011	Aircraft Mechanics and Service Technicians	1,401	1,523	122	9%	5.3%	\$28.66	Postsecondary nondegree award	None	None
15-1252	Software Developers	1,137	1,301	164	14%	4.3%	\$46.18	Bachelor's degree	None	None
11-1021	General and Operations Managers	929	992	63	7%	3.5%	\$38.34	Bachelor's degree	5 years or more	None
41-3091	Sales Representatives of Services, Except Advertising, Insurance, Financial Services, and Travel	581	614	33	6%	2.2%	\$23.12	High school diploma or equivalent	None	Moderate-term on-the-job training
13-1082	Project Management Specialists	552	577	26	5%	2.1%	\$37.11	Bachelor's degree	None	None
15-1232	Computer User Support Specialists	498	525	27	5%	1.9%	\$23.07	Some college, no degree	None	None
13-1161	Market Research	463	514	51	11%	1.7%	\$28.22	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
	Analysts and Marketing Specialists									
13-1111	Management Analysts	462	511	49	11%	1.7%	\$38.30	Bachelor's degree	Less than 5 years	None
51-4041	Machinists	444	515	71	16%	1.7%	\$23.13	High school diploma or equivalent	None	Long-term on-the-job training
43-4051	Customer Service Representatives	428	430	2	0%	1.6%	\$14.81	High school diploma or equivalent	None	Short-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
15-1252	Software Developers	1,137	1,301	164	14%	4.3%	\$46.18	Bachelor's degree	None	None
49-3011	Aircraft Mechanics and Service Technicians	1,401	1,523	122	9%	5.3%	\$28.66	Postsecondary nondegree award	None	None
13-1081	Logisticians	361	441	80	22%	1.4%	\$37.45	Bachelor's degree	None	None
49-9041	Industrial Machinery Mechanics	201	273	72	36%	0.8%	\$24.70	High school diploma or equivalent	None	Long-term on-the-job training
51-4041	Machinists	444	515	71	16%	1.7%	\$23.13	High school diploma or equivalent	None	Long-term on-the-job training
17-2112	Industrial Engineers	228	292	64	28%	0.9%	\$42.50	Bachelor's degree	None	None
11-1021	General and Operations Managers	929	992	63	7%	3.5%	\$38.34	Bachelor's degree	5 years or more	None
17-2011	Aerospace Engineers	256	308	52	20%	1.0%	\$51.89	Bachelor's degree	None	None
13-1161	Market Research Analysts and Marketing Specialists	463	514	51	11%	1.7%	\$28.22	Bachelor's degree	None	None
13-1111	Management Analysts	462	511	49	11%	1.7%	\$38.30	Bachelor's degree	Less than 5 years	None

Source: Lightcast- 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
53-7062	Laborers and Freight, Stock, and Material Movers, Hand	776	832	55	7%	3.9%	\$14.48	No formal educational credential	None	Short-term on-the-job training
41-4011	Sales Representatives, Wholesale and Manufacturing, Technical and Scientific Products	650	681	31	5%	3.2%	\$29.63	Bachelor's degree	None	Moderate-term on-the-job training
41-4012	Sales Representatives, Wholesale and Manufacturing, Except Technical and Scientific Products	585	633	48	8%	2.9%	\$23.56	High school diploma or equivalent	None	Moderate-term on-the-job training
31-9096	Veterinary Assistants and Laboratory Animal Caretakers	579	617	38	7%	2.9%	\$13.95	High school diploma or equivalent	None	Short-term on-the-job training
45-2092	Farmworkers and Laborers, Crop, Nursery, and Greenhouse	552	821	269	49%	2.7%	\$12.37	No formal educational credential	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
53-3032	Heavy and Tractor-Trailer Truck Drivers	525	573	48	9%	2.6%	\$23.47	Postsecondary nondegree award	None	Short-term on-the-job training
51-9111	Packaging and Filling Machine Operators and Tenders	508	542	34	7%	2.5%	\$14.53	High school diploma or equivalent	None	Moderate-term on-the-job training
11-1021	General and Operations Managers	466	501	35	8%	2.3%	\$38.34	Bachelor's degree	5 years or more	None
53-7065	Stockers and Order Fillers	463	478	15	3%	2.3%	\$14.29	High school diploma or equivalent	None	Short-term on-the-job training
43-4051	Customer Service Representatives	423	429	6	1%	2.1%	\$14.81	High school diploma or equivalent	None	Short-term on-the-job training

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
45-2092	Farmworkers and Laborers, Crop, Nursery, and Greenhouse	552	821	269	49%	2.7%	\$12.37	No formal educational credential	None	Short-term on-the-job training
11-9013	Farmers, Ranchers, and Other Agricultural Managers	280	369	89	32%	1.4%	\$17.33	High school diploma or equivalent	5 years or more	None
53-7062	Laborers and Freight, Stock, and Material Movers, Hand	776	832	55	7%	3.9%	\$14.48	No formal educational credential	None	Short-term on-the-job training
45-2093	Farmworkers, Farm, Ranch, and Aquacultural Animals	220	273	53	24%	1.1%	\$11.31	No formal educational credential	None	Short-term on-the-job training
45-2091	Agricultural Equipment Operators	135	187	52	38%	0.7%	\$13.16	No formal educational credential	None	Moderate-term on-the-job training
53-3032	Heavy and Tractor-Trailer Truck Drivers	525	573	48	9%	2.6%	\$23.47	Postsecondary nondegree award	None	Short-term on-the-job training
41-4012	Sales Representatives, Wholesale and Manufacturing, Except	585	633	48	8%	2.9%	\$23.56	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
	Technical and Scientific Products									
31-9096	Veterinary Assistants and Laboratory Animal Caretakers	579	617	38	7%	2.9%	\$13.95	High school diploma or equivalent	None	Short-term on-the-job training
51-3011	Bakers	229	267	38	17%	1.1%	\$13.69	No formal educational credential	None	Long-term on-the-job training
11-1021	General and Operations Managers	466	501	35	8%	2.3%	\$38.34	Bachelor's degree	5 years or more	None

Source: Lightcast- 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
47-5071	Roustabouts, Oil and Gas	1,728	1,614	-114	-7%	6.2%	\$20.47	No formal educational credential	None	Moderate-term on-the-job training
47-5012	Rotary Drill Operators, Oil and Gas	1,078	1,018	-59	-6%	3.9%	\$30.47	No formal educational credential	None	Moderate-term on-the-job training
47-1011	First-Line Supervisors of Construction Trades and Extraction Workers	992	955	-37	-4%	3.5%	\$31.71	High school diploma or equivalent	5 years or more	None
47-5013	Service Unit Operators, Oil and Gas	973	890	-83	-9%	3.5%	\$18.67	No formal educational credential	None	Moderate-term on-the-job training
51-4121	Welders, Cutters, Solderers, and Brazers	926	882	-43	-5%	3.3%	\$18.90	High school diploma or equivalent	None	Moderate-term on-the-job training
53-3032	Heavy and Tractor-Trailer Truck Drivers	795	780	-16	-2%	2.8%	\$20.89	Postsecondary nondegree award	None	Short-term on-the-job training
51-2098	Miscellaneous Assemblers and Fabricators	763	648	-115	-15%	2.8%	\$15.09	High school diploma or equivalent	None	Moderate-term on-the-job training
17-2171	Petroleum Engineers	616	494	-122	-20%	2.3%	\$62.92	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
11-1021	General and Operations Managers	569	536	-33	-6%	2.0%	\$45.91	Bachelor's degree	5 years or more	None
51-1011	First-Line Supervisors of Production and Operating Workers	562	521	-41	-7%	2.0%	\$30.05	High school diploma or equivalent	Less than 5 years	None

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
49-9081	Wind Turbine Service Technicians	100	140	40	40%	0.5%	\$22.92	Postsecondary nondegree award	None	Long-term on-the-job training
49-9052	Telecommunications Line Installers and Repairers	59	68	9	16%	0.3%	\$23.67	High school diploma or equivalent	None	Long-term on-the-job training
53-7071	Gas Compressor and Gas Pumping Station Operators	17	22	4	23%	0.1%	\$34.76	High school diploma or equivalent	None	Moderate-term on-the-job training
49-2021	Radio, Cellular, and Tower Equipment Installers and Repairers	26	29	3	10%	0.1%	\$21.59	Associate's degree	None	Moderate-term on-the-job training
51-8091	Chemical Plant and System Operators	17	18	1	9%	0.1%	\$28.94	High school diploma or equivalent	None	Moderate-term on-the-job training
47-2221	Structural Iron and Steel Workers	30	31	1	4%	0.1%	\$22.99	High school diploma or equivalent	None	Apprenticeship
51-4023	Rolling Machine Setters, Operators, and Tenders, Metal and Plastic	26	26	0	0%	0.1%	\$14.61	High school diploma or equivalent	None	Moderate-term on-the-job training
51-4021	Extruding and Drawing Machine Setters, Operators, and Tenders, Metal and Plastic	23	22	-1	-2%	0.1%	\$20.76	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
19-2031	Chemists	13	12	-1	-4%	0.1%	\$31.12	Bachelor's degree	None	None
37-3013	Tree Trimmers and Pruners	16	15	-1	-4%	0.1%	\$18.39	High school diploma or equivalent	None	Short-term on-the-job training

Source: Lightcast- 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
13-2011	Accountants and Auditors	3,652	4,177	525	14%	7.6%	\$30.75	Bachelor's degree	None	None
43-4051	Customer Service Representatives	2,679	2,535	-145	-5%	5.6%	\$14.81	High school diploma or equivalent	None	Short-term on-the-job training
43-3071	Tellers	2,098	1,986	-112	-5%	4.4%	\$14.11	High school diploma or equivalent	None	Short-term on-the-job training
43-3031	Bookkeeping, Accounting, and Auditing Clerks	2,013	2,108	96	5%	4.2%	\$18.38	Some college, no degree	None	Moderate-term on-the-job training
15-1252	Software Developers	1,690	1,837	147	9%	3.5%	\$46.18	Bachelor's degree	None	None
13-2072	Loan Officers	1,576	1,590	15	1%	3.3%	\$28.78	Bachelor's degree	Less than 5 years	Moderate-term on-the-job training
11-1021	General and Operations Managers	1,478	1,528	51	3%	3.1%	\$38.34	Bachelor's degree	5 years or more	None
43-1011	First-Line Supervisors of Office and Administrative Support Workers	1,467	1,438	-30	-2%	3.0%	\$24.48	High school diploma or equivalent	Less than 5 years	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
11-3031	Financial Managers	1,424	1,596	172	12%	3.0%	\$54.25	Bachelor's degree	5 years or more	None
41-3031	Securities, Commodities, and Financial Services Sales Agents	1,140	1,194	55	5%	2.4%	\$23.54	Bachelor's degree	None	Moderate-term on-the-job training

Source: Lightcast- 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
13-2011	Accountants and Auditors	3,652	4,177	525	14%	7.6%	\$30.75	Bachelor's degree	None	None
11-3031	Financial Managers	1,424	1,596	172	12%	3.0%	\$54.25	Bachelor's degree	5 years or more	None
15-1252	Software Developers	1,690	1,837	147	9%	3.5%	\$46.18	Bachelor's degree	None	None
13-2082	Tax Preparers	498	603	105	21%	1.0%	\$17.98	High school diploma or equivalent	None	Moderate-term on-the-job training
43-3031	Bookkeeping, Accounting, and Auditing Clerks	2,013	2,108	96	5%	4.2%	\$18.38	Some college, no degree	None	Moderate-term on-the-job training
41-3031	Securities, Commodities, and Financial Services Sales Agents	1,140	1,194	55	5%	2.4%	\$23.54	Bachelor's degree	None	Moderate-term on-the-job training
13-1071	Human Resources Specialists	495	548	53	11%	1.0%	\$24.62	Bachelor's degree	None	None
13-1111	Management Analysts	571	623	52	9%	1.2%	\$38.30	Bachelor's degree	Less than 5 years	None
11-1021	General and Operations Managers	1,478	1,528	51	3%	3.1%	\$38.34	Bachelor's degree	5 years or more	None
13-1161	Market Research	701	745	44	6%	1.5%	\$28.22	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
	Analysts and Marketing Specialists									

Source: Lightcast- 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
51-2098	Miscellaneous Assemblers and Fabricators	2,147	1,977	-171	-8%	6.2%	\$17.48	High school diploma or equivalent	None	Moderate-term on-the-job training
51-1011	First-Line Supervisors of Production and Operating Workers	1,531	1,569	37	2%	4.4%	\$29.54	High school diploma or equivalent	Less than 5 years	None
51-4121	Welders, Cutters, Solderers, and Brazers	1,490	1,458	-33	-2%	4.3%	\$22.01	High school diploma or equivalent	None	Moderate-term on-the-job training
53-7062	Laborers and Freight, Stock, and Material Movers, Hand	1,032	1,058	26	3%	3.0%	\$14.48	No formal educational credential	None	Short-term on-the-job training
51-4041	Machinists	926	967	41	4%	2.7%	\$23.13	High school diploma or equivalent	None	Long-term on-the-job training
51-9061	Inspectors, Testers, Sorters, Samplers, and Weighers	918	895	-24	-3%	2.7%	\$21.18	High school diploma or equivalent	None	Moderate-term on-the-job training
51-9161	Computer Numerically	912	887	-24	-3%	2.6%	\$17.89	High school	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
	Controlled Tool Operators							diploma or equivalent		
43-5071	Shipping, Receiving, and Inventory Clerks	814	782	-32	-4%	2.4%	\$14.79	High school diploma or equivalent	None	Short-term on-the-job training
47-2211	Sheet Metal Workers	692	710	18	3%	2.0%	\$27.62	High school diploma or equivalent	None	Apprenticeship
11-1021	General and Operations Managers	689	708	19	3%	2.0%	\$38.34	Bachelor's degree	5 years or more	None

Source: Lightcast- 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
49-3011	Aircraft Mechanics and Service Technicians	487	569	82	17%	1.4%	\$28.66	Postsecondary nondegree award	None	None
17-2112	Industrial Engineers	417	490	72	17%	1.2%	\$42.50	Bachelor's degree	None	None
13-1081	Logisticians	320	378	59	18%	0.9%	\$37.45	Bachelor's degree	None	None
49-9041	Industrial Machinery Mechanics	372	427	55	15%	1.1%	\$24.70	High school diploma or equivalent	None	Long-term on-the-job training
17-2011	Aerospace Engineers	198	248	50	25%	0.6%	\$51.89	Bachelor's degree	None	None
15-1252	Software Developers	248	296	48	20%	0.7%	\$46.18	Bachelor's degree	None	None
51-4041	Machinists	926	967	41	4%	2.7%	\$23.13	High school diploma or equivalent	None	Long-term on-the-job training
51-1011	First-Line Supervisors of Production and Operating Workers	1,531	1,569	37	2%	4.4%	\$29.54	High school diploma or equivalent	Less than 5 years	None
51-3011	Bakers	218	255	37	17%	0.6%	\$13.69	No formal educational credential	None	Long-term on-the-job training
51-2011	Aircraft Structure, Surfaces,	105	139	34	32%	0.3%	\$22.91	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
	Rigging, and Systems Assemblers									

Source: Lightcast- 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	6,294	6,369	6,500	132	2%	13.4%	\$20.89	Postsecondary nondegree award	None
53-7062	Laborers and Freight, Stock, and Material Movers, Hand	5,224	5,492	6,140	647	12%	11.1%	\$14.90	No formal educational credential	None
41-4012	Sales Representatives, Wholesale and Manufacturing, Except Technical and Scientific Products	2,423	2,449	2,603	154	6%	5.2%	\$24.47	High school diploma or equivalent	None
53-7065	Stockers and Order Fillers	1,989	2,111	2,370	259	12%	4.2%	\$12.13	High school diploma or equivalent	None
53-7051	Industrial Truck and Tractor Operators	1,787	1,928	2,235	307	16%	3.8%	\$18.58	No formal educational credential	None
41-4011	Sales Representatives, Wholesale and Manufacturing, Technical and Scientific Products	1,678	1,691	1,699	8	0%	3.6%	\$34.75	Bachelor's degree	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
43-5071	Shipping, Receiving, and Inventory Clerks	1,299	1,333	1,366	33	2%	2.8%	\$14.86	High school diploma or equivalent	None
43-4051	Customer Service Representatives	1,257	1,268	1,273	5	0%	2.7%	\$15.58	High school diploma or equivalent	None
53-1047	First-Line Supervisors of Transportation and Material Moving Workers, Except Aircraft Cargo Handling Supervisors	1,051	1,095	1,195	100	9%	2.2%	\$24.79	High school diploma or equivalent	Less than 5 years
11-1021	General and Operations Managers	1,026	1,043	1,092	48	5%	2.2%	\$45.91	Bachelor's degree	5 years or more

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
53-7065	Stockers and Order Fillers	4,345	5,076	730	17%	8.9%	\$14.29	High school diploma or equivalent	None	Short-term on-the-job training
53-7062	Laborers and Freight, Stock, and Material Movers, Hand	4,642	5,329	687	15%	9.5%	\$14.48	No formal educational credential	None	Short-term on-the-job training
53-7051	Industrial Truck and Tractor Operators	2,485	3,131	646	26%	5.1%	\$18.93	No formal educational credential	None	Short-term on-the-job training
53-1047	First-Line Supervisors of Transportation and Material Moving Workers, Except Aircraft Cargo Handling Supervisors	1,150	1,272	122	11%	2.4%	\$28.49	High school diploma or equivalent	Less than 5 years	None
53-7064	Packers and Packagers, Hand	232	338	106	46%	0.5%	\$13.99	No formal educational credential	None	Short-term on-the-job training
53-3032	Heavy and Tractor-Trailer Truck Drivers	5,767	5,854	87	2%	11.8%	\$23.47	Postsecondary nondegree award	None	Short-term on-the-job training
49-9071	Maintenance and Repair Workers, General	476	552	76	16%	1.0%	\$17.44	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
43-5071	Shipping, Receiving, and Inventory Clerks	1,407	1,480	73	5%	2.9%	\$14.79	High school diploma or equivalent	None	Short-term on-the-job training
41-4012	Sales Representatives, Wholesale and Manufacturing, Except Technical and Scientific Products	2,438	2,509	71	3%	5.0%	\$23.56	High school diploma or equivalent	None	Moderate-term on-the-job training
13-1081	Logisticians	317	377	60	19%	0.6%	\$37.45	Bachelor's degree	None	None

Source: Lightcast- economicmodeling.com- 2022.3