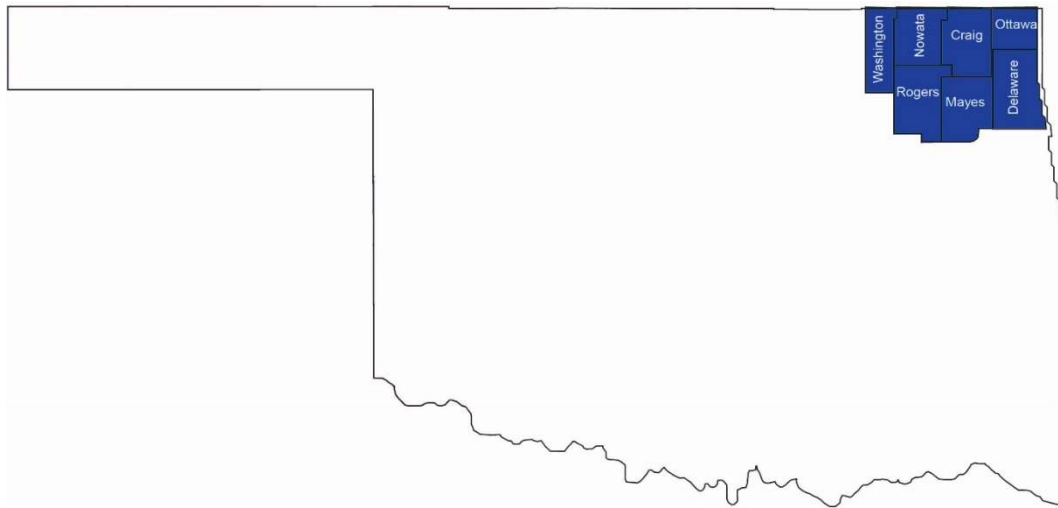


NORTHEAST OKLAHOMA WORKFORCE DEVELOPMENT AREA



2022 LOCAL BRIEFING



**OKLAHOMA
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Table of Contents

Introduction	5
Population.....	5
Population by County	5
Population by Age	7
Population by Race and Ethnicity	9
Education.....	11
Educational Attainment.....	11
Educational Attainment by Race and Ethnicity.....	13
Education Mismatch	13
Educational Assets	14
Labor Force	15
Labor Force Participation by County.....	15
Median Earnings.....	17
Commuter Data	17
Top Industries by Total Jobs	18
Target Sectors	19
Target Sector Staffing Patterns.....	20
Summary	20
Appendix.....	21
Target and Complementary NAICS Codes	21
Target Sector Staffing Patterns.....	36

Tables

Table 1: Population by County	6
Table 2: Projected Population by County	6
Table 3: Population by Age	8
Table 4: Projected Population by Age	8
Table 5: Population by Race and Ethnicity	10
Table 6: Projected Population by Race and Ethnicity	10
Table 7: Educational Attainment	12
Table 8: Projected Educational Attainment.....	12
Table 9: Educational Assets.....	15
Table 10: Labor Force Participation Rate by County	16
Table 11: Top Industries by Total Jobs	19
Table 12: Target Sector Projected Growth	20
Table 13: Top Staffed Aerospace Occupations in 2021.....	36
Table 14: Top Growing Aerospace Occupations by 2026.....	38
Table 15: Top Staffed Agribusiness and Bioscience Occupations in 2021	40
Table 16: Top Growing Agribusiness and Bioscience Occupations by 2026	42
Table 17: Top Staffed Energy Occupations in 2021	44
Table 18: Top Growing Energy Occupations by 2026	46
Table 19: Top Staffed Information and Financial Services Occupations in 2021	48
Table 20: Top Growing Information and Financial Services Occupations by 2026	50
Table 21: Top Staffed Manufacturing Occupations in 2021	52
Table 22: Top Growing Manufacturing Occupations by 2026	54
Table 23: Top Staffed Transportation and Logistics Occupations in 2021	56
Table 24: Top Growing Transportation and Logistics Occupations by 2026	58

Figures

Figure 1: Population by County	5
Figure 2: Population by Age	7
Figure 3: Population by Race and Ethnicity	9
Figure 4: Educational Attainment	11
Figure 5: Educational Attainment by Race and Ethnicity	13
Figure 6: Education Mismatch.....	14
Figure 7: Labor Force Participation by County, June 2022.....	16
Figure 8: Median Earnings by County	17
Figure 9: Local Area Commuter Patterns	18
Figure 10: Target and Complementary Sectors.....	19

Introduction

The Northeast Oklahoma Workforce Development Area (WFDA) is composed of 7 Oklahoma counties: Craig, Delaware, Mayes, Nowata, Ottawa, Rogers, and Washington. According to the U.S. Census Bureau, this combined region of Oklahoma covers 4,282 square miles and is home to over 285,000 residents. The following reviews the population, education, labor force, top industries by total jobs, and target and complementary sectors in the Northeast WFDA.

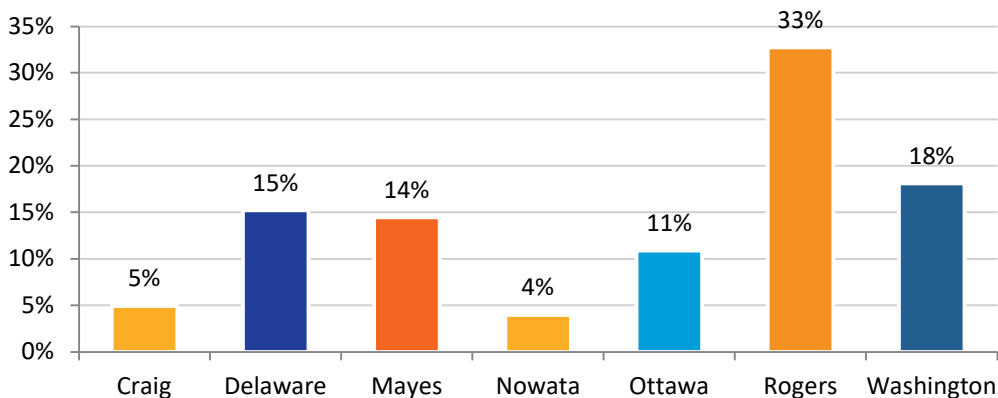
Population

Between 2016 and 2021, the Northeast WFDA grew by approximately 1%, from 282,647 to 285,409 people, or around 2,762 additional people. By 2026, the area is expected to grow by an additional 1.4% to 289,474 people. The following shows population figures and analyses by county, age, race, and ethnicity in the Northeast WFDA.

Population by County

Figure 1 shows the Northeast WFDA population breakdown by county. Rogers County had the largest population, representing 33% of the population in the Northeast WFDA. Washington County had the second largest population at 18%. Nowata County had the smallest population, representing 4% of the population in the Northeast 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, four out of seven counties increased in population. Rogers County added the largest number of people at 2,844. Delaware County added the second largest amount of people at 1,285. Alternatively, Ottawa County experienced the largest decrease in population at 791 fewer people.

Table 1: Population by County

County	2016 Population	2021 Population	Total Change
Craig	14,467	14,099	-368
Delaware	41,967	43,252	1,285
Mayes	41,031	41,206	175
Nowata	10,405	9,980	-425
Ottawa	31,617	30,826	-791
Rogers	91,061	93,905	2,844
Washington	52,099	52,141	42
Total	282,647	285,409	2,762

Source: Lightcast- economicmodeling.com- 2022.3

Table 2 shows the projected population change from 2021 to 2026. During this period, four out of seven counties are projected to grow in population. In particular, Rogers County is projected to continue adding the most people to the area, with an additional 3,333 people by 2026. Washington County is projected to decrease the most in population during this period at 357 fewer people by 2026.

Table 2: Projected Population by County

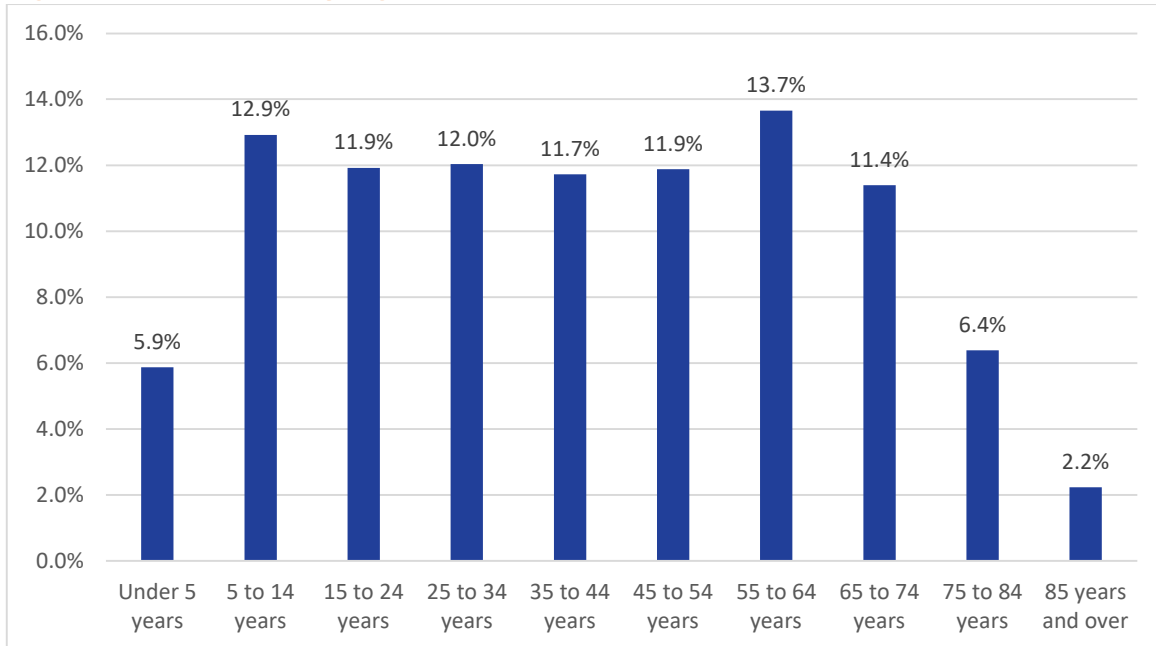
County	2021 Population	2026 Population	Total Change
Craig	14,099	13,981	-118
Delaware	43,252	44,143	891
Mayes	41,206	41,593	387
Nowata	9,980	9,861	-119
Ottawa	30,826	30,875	49
Rogers	93,905	97,238	3,333
Washington	52,141	51,784	-357
Total	285,409	289,475	2,438

Source: Lightcast- economicmodeling.com- 2022.3

Population by Age

Figure 2 shows Northeast's population by age in 2021. 55- to 64-year-olds made up the largest percentage of the population at 13.7%. Individuals 5- to 14-years of age were the second largest percentage of the population at 12.9%. Those aged 85-years and over made up the smallest percentage of the population at 2.2%.

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, more than half of all age groups increased in population. In particular, all groups aged 55 and over grew while most younger age groups declined during this period. Those aged 65- to 74-years of age increased by the most people at 2,712 while 75- to 84-year-olds were next at 1,974. 55- to 64-year-olds grew the least at just 200 more people since 2016. 45- to 54- and 15- to 24-year-olds declined the most during this period at 2,531 and 2,034 fewer people respectively.

Table 3: Population by Age

Age	2016 Population	2021 Population	Total Change
Under 5 years	17,095	16,751	-344
5 to 14 years	37,118	36,878	-240
15 to 24 years	36,036	34,002	-2,034
25 to 34 years	33,026	34,341	1,315
35 to 44 years	32,205	33,460	1,255
45 to 54 years	36,434	33,903	-2,531
55 to 64 years	38,765	38,965	200
65 to 74 years	29,814	32,526	2,712
75 to 84 years	16,268	18,215	1,974
85 years and over	5,886	6,367	481
Total	282,647	285,409	2,762

Source: Lightcast - economicmodeling.com- 2022.3

Table 4 provides the population change by age group from 2021 to 2026. During this period, half of all age groups are projected to increase in population. All age groups above 65 are projected to grow while several younger age groups are expected to decline. In particular, 75- to 84-year-olds will add the most people at 3,208 while 35- to 44-year-olds will double previous growth and add 2,521 more people. 5- to 14-year-olds will grow the least, adding 235 more people in the next five years. Alternatively, 55- to 64-year-olds are projected to decline the most with 2,076 fewer people by 2026. The population of 15- to 24-year-olds is projected to continue declining during this period, at 1,366 fewer people.

Table 4: Projected Population by Age

Demographic	2021 Population	2026 Population	Total Change
Under 5	16,751	16,537	-214
5 to 14	36,879	37,114	235
15 to 24	34,002	32,637	-1,366
25 to 34	34,341	33,706	-635
35 to 44	33,460	35,981	2,521
45 to 54	33,903	33,349	-554
55 to 64	38,965	36,889	-2,076
65 to 74	32,526	34,654	2,128
75 to 84	18,215	21,423	3,208
85 years and over	6,367	7,186	819
Total	285,409	289,474	4,065

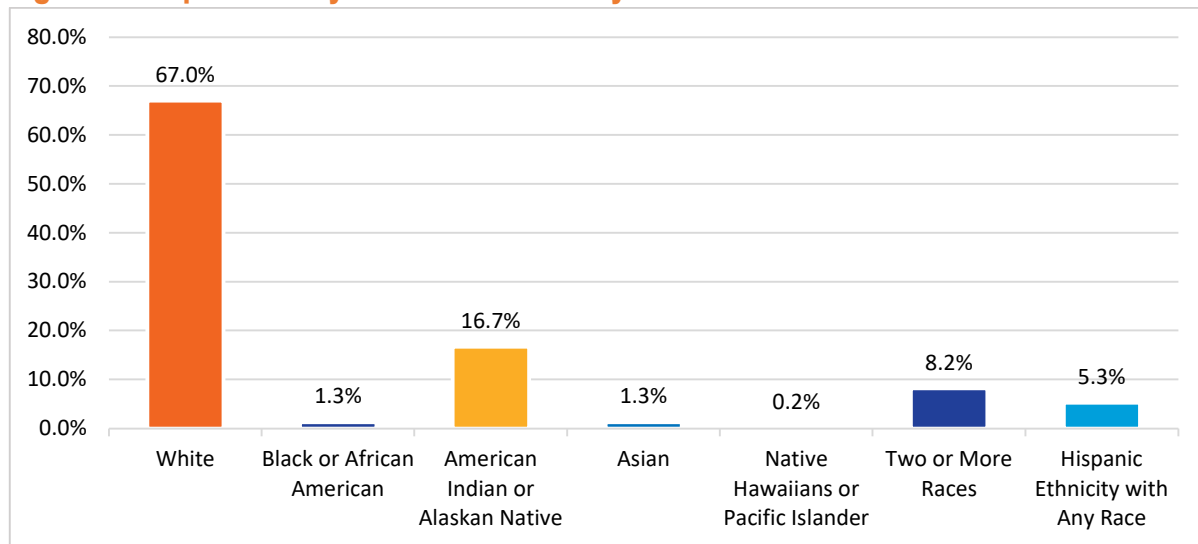
Source: Lightcast – economicmodeling.com – 2022.3

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 2 provides Northeast WFDA population percentages by race and ethnicity. This figure shows that Whites made up the largest percentage of the population at 67%. American Indian or Alaskan Natives were the second largest percentage of the population at 16.7%. Native Hawaiians or Pacific Islanders had the smallest amount of the population at 0.2%.

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, most demographic groups grew in population. Hispanic Ethnicity with Any Race and those identifying as Two or More Races added the most population during this period at 2,079 and 1,634 additional people, respectively. Alternatively, Native Hawaiian or Pacific Islanders added the least in total population during this period at 21 additional people. The White population declined by 2,111 people.

Table 5: Population by Race and Ethnicity

Demographic	2016 Population	2021 Population	Total Change
White	193,463	191,352	-2,111
Black or African American	3,566	3,776	210
American Indian or Alaskan Native	47,144	47,586	442
Asian	3,255	3,741	486
Native Hawaiian or Pacific Islander	459	480	21
Two or More Races	21,814	23,448	1,634
Hispanic Ethnicity with any Race	12,946	15,025	2,079
Total	282,647	285,409	2,762

Source: Lightcast - economicmodeling.com- 2022.3

Table 6 provides the population change by demographic group from 2021 to 2026. During this period, most demographic groups are projected to grow in population. Hispanic and Two or More Races will continue to add the most population at 3,202 and 3,211 additional people by 2026, respectively. Alternatively, Native Hawaiian or Pacific Islanders will continue to add the least in total population at 125 additional people. The White population will continue to decline at 3,874 fewer people by 2026.

Table 6: Projected Population by Race and Ethnicity

Demographic	2021 Population	2026 Population	Total Change
White	191,352	187,477	-3,874
Black or African American	3,776	4,322	545
American Indian or Alaskan Native	47,586	47,899	312
Asian	3,741	4,285	544
Native Hawaiian or Pacific Islander	480	605	125
Two or More Races	23,448	26,659	3,211
Hispanic Ethnicity with any Race	15,025	18,227	3,202
Total	285,409	289,474	4,065

Source: Lightcast – economicmodeling.com – 2022.3

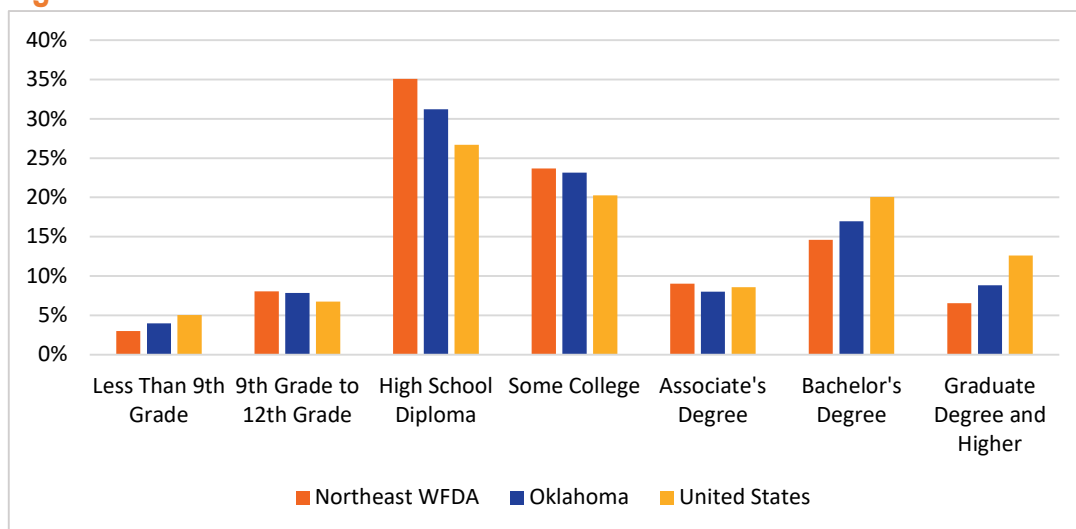
Education

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 Northeast WFDA's educational attainment, provides an educational attainment mismatch analysis, and details the area's educational assets.

Educational Attainment

Figure 4 shows the education attainment levels in 2021 for the Northeast WFDA, State of Oklahoma, and United States. In the Northeast WFDA, High school graduates made up the largest percentage of the population at 35% while the second largest population had attended Some College at 24%. 11% of population in Northeast had an education level below High School Diploma. This was one percentage point lower than the State and National rates of 12% and 13%, respectively. The Northeast WFDA is slightly below the State and Nation's overall educational attainment levels for traditional post-secondary degrees, namely, Bachelor's and Graduate degrees.

Figure 3: Education Attainment



Source: Lightcast- economicmodeling.com- 2022.3

Table 7 provides the change in educational attainment levels in the Northeast 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 2,942 more people. Those with a Graduate Degree and Higher were next at an additional 1,746 people by 2021. Alternatively, a combined 1,689 fewer people had an education below High School Diploma level by 2021.

Conversely, those with a High School Diploma also decreased during this period at 143 fewer people than in 2016.

Table 7: Educational Attainment

Education Level	2016 Population	2021 Population	Total Change
Less Than 9th Grade	6,624	5,824	-800
9th Grade to 12th Grade	16,570	15,681	-889
High School Diploma	68,966	68,823	-143
Some College	46,073	46,855	782
Associate's Degree	16,415	18,155	1,740
Bachelor's Degree	26,319	29,261	2,942
Graduate Degree and Higher	11,431	13,177	1,746
Total	192,398	197,777	5,379

Source: Lightcast - economicmodeling.com- 2022.3

Table 8 provides the change in educational attainment levels in Northeast from 2021 to 2026. By 2026, fewer people will have an education below the High School Diploma level while more people will continue to achieve higher levels of education. In particular, those with a Bachelor's Degree will continue to grow more than other groups at 2,132 more people. Those with an Associate's Degree will be next at an additional 1,404 more people. Alternatively, a combined 677 fewer people will have an education below the High School Diploma level by 2026. Those with a High School Diploma will grow by 143 people during this period.

Table 8: Projected Educational Attainment

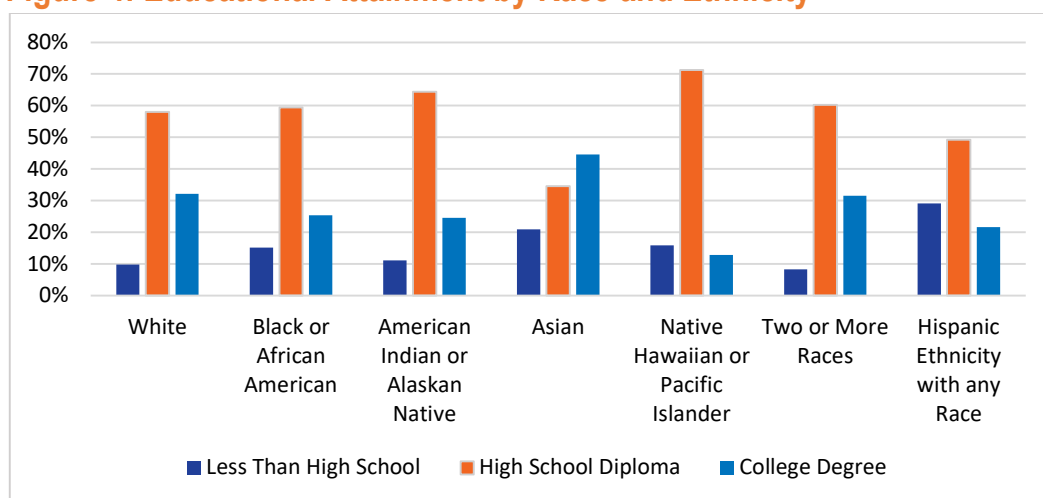
Education Level	2021 Population	2026 Population	Total Change
Less Than 9th Grade	5,824	5,518	-306
9th Grade to 12th Grade	15,681	15,310	-371
High School Diploma	68,823	68,965	142
Some College	46,855	48,156	1,301
Associate's Degree	18,155	19,559	1,404
Bachelor's Degree	29,261	31,394	2,132
Graduate Degree and Higher	13,177	14,284	1,107
Total	197,777	203,186	5,409

Source: Lightcast – economicmodeling.com – 2022.3

Educational Attainment by Race and Ethnicity

Figure 5 shows the Northeast WFDA's educational attainment levels broken down by race and ethnicity. Across almost all racial and ethnic groups, High School Diploma represented the largest percentage of the respective group populations. Hispanic Ethnicity with Any Race had the largest population percentage at the Less than High School attainment level at 29%. Native Hawaiians or Pacific Islanders had the largest population percentage at the High School Diploma level at 71%. Asian Americans have the largest population percentage at the College Degree level at 45%.

Figure 4: Educational Attainment by Race and Ethnicity



Source: *Lightcast- economicmodeling.com- 2022.3*

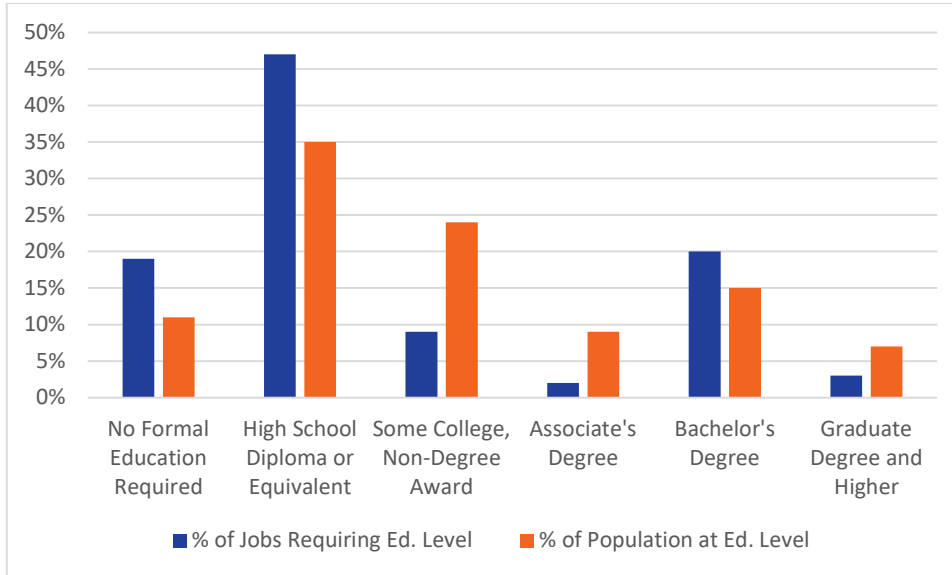
Education Mismatch

Figure 6 below shows an educational attainment mismatch analysis for the Northeast WFDA.¹ This compares the typical education required for jobs to the educational attainment of the population in 2021. 19% of jobs in Northeast 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, 47% of jobs in Northeast require this level of education while 35% of the population hold this level of education. 33% of the population had Some College or an Associate's Degree, while just 11% 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

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.

for 3% of the jobs in the market. At the Bachelor's Degree level, 15% of the population have the degree while 20% of jobs require it.

Figure 5: Educational Attainment Mismatch



Source: *Lightcast- economicmodeling.com- 2022.3*

Educational Assets

The Northeast WFDA has 10 distinct post-secondary educational institutions, ranging from universities, technical colleges, community colleges, and specialty training schools (see Table 9.) 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
Northeastern Oklahoma A&M College	Public	Miami	Ottawa	Associate, Certificate
Rogers State University	Public	Claremore	Rogers	Certificate, Associate, Bachelor, Master, Ph.D.
Rogers State University	Public	Bartlesville	Washington	Certificate, Associate, Bachelor, Master, Ph.D.
Rogers State University	Public	Pryor	Mayes	Certificate, Associate, Bachelor, Master, Ph.D.
Oklahoma Wesleyan University	Private Non-Profit	Bartlesville	Washington	Associate, Bachelor, Master, Ph.D., Certificate
Northeast Tech	Technical School	Afton	Ottawa	Certificate
Northeast Tech	Technical School	Claremore	Rogers	Certificate
Northeast Tech	Technical School	Kansas	Delaware	Certificate
Northeast Tech	Technical School	Pryor	Mayes	Certificate
Tri County Tech	Technical School	Bartlesville	Washington	Certificate

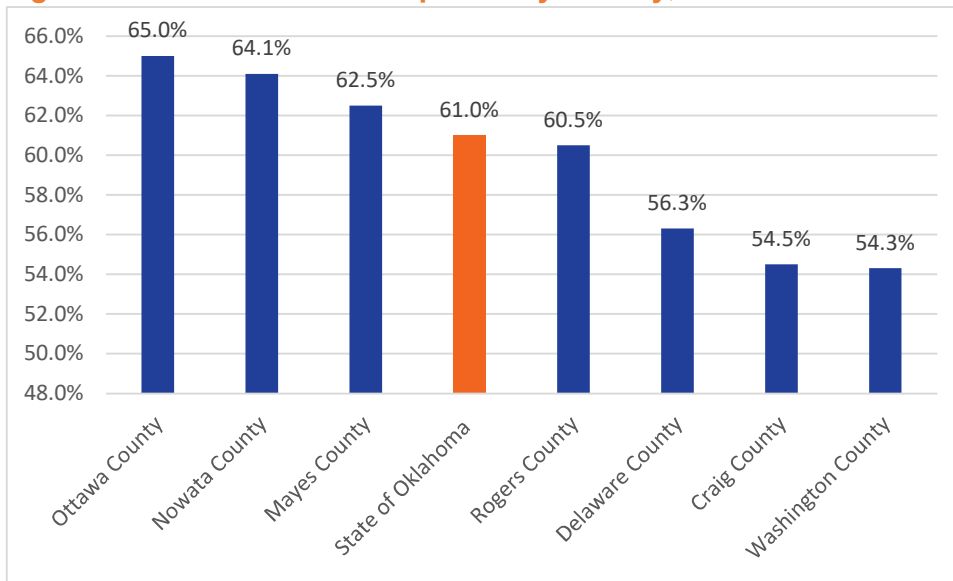
Sources: Oklahoma State Regents of Higher Education, CareerTech.org

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

Labor Force Participation by County

Figure 7 shows the Northeast WFDA labor force participation rate by county in June 2022. Currently, three of seven counties in the Northeast WFDA meet or exceed the Oklahoma state average labor force participation rate of 61%. The highest percentage is in Ottawa County at 65%. The second highest is in Nowata County at 64.1%. The third highest is in Mayes County at 62.5%. The lowest percentage is in Washington County at 54.3%. Currently, three of seven counties in the Northeast WFDA meet or exceed the Oklahoma state average labor force participation rate of 61%.

Figure 6: 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 Northeast's county labor force participation rates decreased. This follows the general decline of the state's rate at -0.4% since June 2021. Ottawa County's labor force participation rate grew the most during this period at an additional 1.2%. Mayes and Washington's rates decreased by the most, each at -1.5%.

Table 10: Labor Force Participation by County

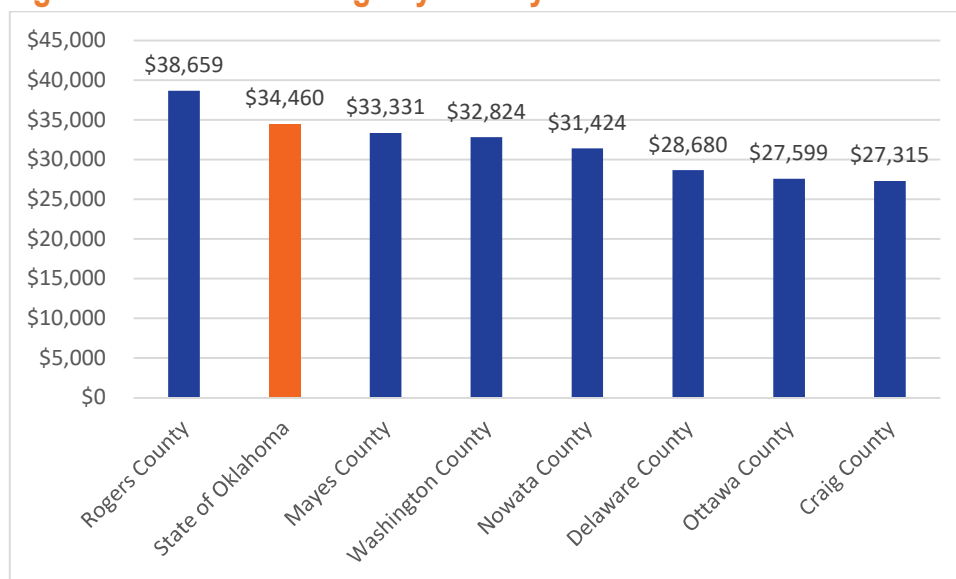
Area	June 2021	June 2022	Total Change
State of Oklahoma	61.4%	61.0%	-0.4%
Craig County	54.7%	54.5%	-0.2%
Delaware County	57.6%	56.3%	-1.3%
Mayes County	64.1%	62.5%	-1.5%
Nowata County	64.9%	64.1%	-0.8%
Ottawa County	63.8%	65.0%	1.2%
Rogers County	59.9%	60.5%	0.7%
Washington County	55.8%	54.3%	-1.5%

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 Northeast's counties and the State of Oklahoma as a whole in 2021. The highest earnings were found in Rogers County at \$39,659. The second highest were in Mayes County at \$33,331. The third highest were in Washington County at \$32,824. The lowest median earnings were in Craig County at \$27,315. Overall, one of Northeast's counties boasted median earnings beyond those found at the state level, while the rest fell below this level.

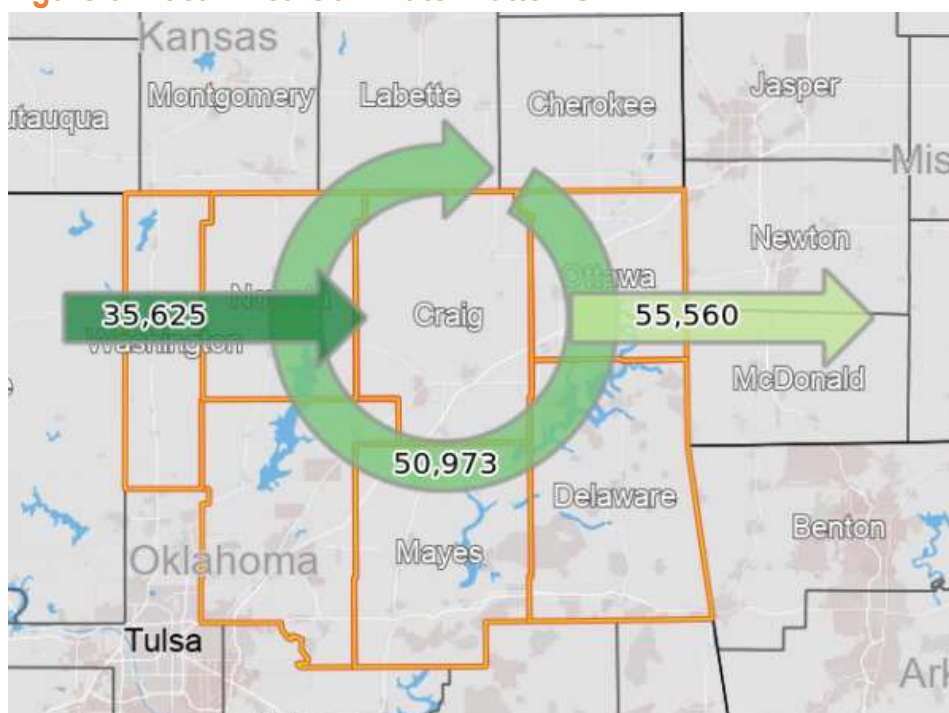
Figure 7: Median Earnings by County



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 Northeast WFDA 35,625 work in the area and did not live there. 50,973 lived there and worked there. 55,560 lived in the Northeast WFDA and worked outside the area (see Figure 8.)

Figure 8: 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 Northeast WFDA by the total number of jobs in 2021. There was an estimated 84,243 number of total jobs in Northeast in 2021. The largest sector was Government with 19,750 jobs. The second largest sector was Retail Trade with 10,773 jobs. The tenth largest sector was Other Services (except Public Administration) with 2,168 jobs. Together, these industries made up 87.1% 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	19,750	23.4%
44	Retail Trade	10,773	12.8%
62	Health Care and Social Assistance	9,743	11.6%
31	Manufacturing	9,417	11.2%
72	Accommodation and Food Services	7,657	9.1%
23	Construction	4,454	5.3%
56	Administrative and Support and Waste Management and Remediation Services	4,009	4.8%
21	Mining, Quarrying, and Oil and Gas Extraction	3,113	3.7%
42	Wholesale Trade	2,196	2.6%
81	Other Services (except Public Administration)	2,168	2.6%

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.

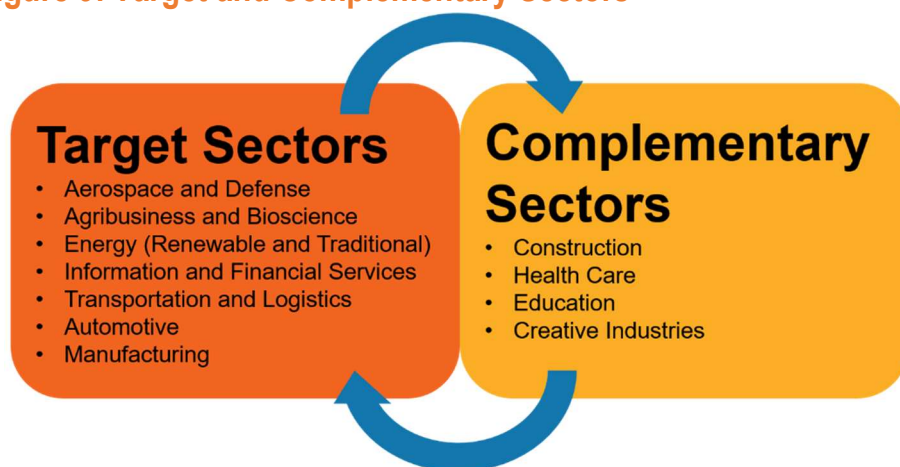
Figure 9: Target and Complementary Sectors

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	2,743	2,799	56	2%	\$69,137
Agribusiness and Bioscience	4,612	5,026	414	9%	\$68,945
Energy (Renewable and Traditional)	6,716	6,163	-553	-8%	\$117,783
Information and Financial Services	3,593	3,807	214	6%	\$79,943
Manufacturing	9,417	9,562	145	2%	\$73,574
Transportation and Logistics (Includes Automotive)	4,464	4,789	325	7%	\$66,602

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 Northeast WFDA's population, educational attainment and assets, labor force information, top industry data, and target and complementary sectors. The Northeast 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

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

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
	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

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 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

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
51-9161	Computer Numerically Controlled Tool Operators	224	212	-12	-5%	8.2%	\$16.35	High school diploma or equivalent	None	Moderate-term on-the-job training
51-4121	Welders, Cutters, Solderers, and Brazers	191	186	-5	-3%	7.0%	\$19.63	High school diploma or equivalent	None	Moderate-term on-the-job training
51-4041	Machinists	157	151	-6	-4%	5.7%	\$21.65	High school diploma or equivalent	None	Long-term on-the-job training
51-1011	First-Line Supervisors of Production and Operating Workers	114	112	-2	-2%	4.1%	\$29.01	High school diploma or equivalent	Less than 5 years	None
11-1021	General and Operations Managers	91	96	5	6%	3.3%	\$35.72	Bachelor's degree	5 years or more	None
51-2098	Miscellaneous Assemblers and Fabricators	90	86	-5	-5%	3.3%	\$16.62	High school diploma or equivalent	None	Moderate-term on-the-job training
51-9124	Coating, Painting, and Spraying Machine Setters,	79	76	-2	-3%	2.9%	\$18.91	High school diploma or equivalent	None	Moderate-term on-the-job training

	Operators, and Tenders									
51-9061	Inspectors, Testers, Sorters, Samplers, and Weighers	67	62	-5	-7%	2.4%	\$21.98	High school diploma or equivalent	None	Moderate-term on-the-job training
51-4193	Plating Machine Setters, Operators, and Tenders, Metal and Plastic	58	54	-5	-8%	2.1%	\$19.21	High school diploma or equivalent	None	Moderate-term on-the-job training
15-1252	Software Developers	55	58	3	6%	2.0%	\$48.08	Bachelor's degree	None	None

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	55	75	21	38%	2.0%	\$26.84	High school diploma or equivalent	None	Long-term on-the-job training
51-2028	Electrical, Electronic, and Electromechanical Assemblers, Except Coil Winders, Tapers, and Finishers	37	47	10	28%	1.3%	\$16.36	High school diploma or equivalent	None	Moderate-term on-the-job training
49-9081	Wind Turbine Service Technicians	10	18	8	78%	0.4%	\$21.08	Postsecondary nondegree award	None	Long-term on-the-job training
11-1021	General and Operations Managers	91	96	5	6%	3.3%	\$35.72	Bachelor's degree	5 years or more	None
49-1011	First-Line Supervisors of Mechanics, Installers, and Repairers	17	21	4	23%	0.6%	\$29.40	High school diploma or equivalent	Less than 5 years	None
17-2071	Electrical Engineers	13	16	3	25%	0.5%	\$42.32	Bachelor's degree	None	None
15-1252	Software Developers	55	58	3	6%	2.0%	\$48.08	Bachelor's degree	None	None
17-2112	Industrial Engineers	18	21	3	16%	0.7%	\$39.20	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
49-3011	Aircraft Mechanics and Service Technicians	14	16	3	21%	0.5%	\$29.54	Postsecondary nondegree award	None	None
49-9043	Maintenance Workers, Machinery	39	41	3	7%	1.4%	\$28.57	High school diploma or equivalent	None	Long-term on-the-job training

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
45-2092	Farmworkers and Laborers, Crop, Nursery, and Greenhouse	306	339	33	11%	6.6%	\$12.94	No formal educational credential	None	Short-term on-the-job training
11-9013	Farmers, Ranchers, and Other Agricultural Managers	221	236	15	7%	4.8%	\$16.72	High school diploma or equivalent	5 years or more	None
51-9011	Chemical Equipment Operators and Tenders	202	221	19	9%	4.4%	\$22.91	High school diploma or equivalent	None	Moderate-term on-the-job training
45-2093	Farmworkers, Farm, Ranch, and Aquacultural Animals	179	196	18	10%	3.9%	\$10.86	No formal educational credential	None	Short-term on-the-job training
53-7062	Laborers and Freight, Stock, and Material Movers, Hand	165	180	15	9%	3.6%	\$14.24	No formal educational credential	None	Short-term on-the-job training
51-1011	First-Line Supervisors of Production and Operating Workers	140	155	15	11%	3.0%	\$29.01	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
51-9196	Paper Goods Machine Setters, Operators, and Tenders	116	128	13	11%	2.5%	\$27.35	High school diploma or equivalent	None	Moderate-term on-the-job training
31-9096	Veterinary Assistants and Laboratory Animal Caretakers	100	108	8	8%	2.2%	\$12.09	High school diploma or equivalent	None	Short-term on-the-job training
51-9111	Packaging and Filling Machine Operators and Tenders	94	104	10	10%	2.0%	\$15.02	High school diploma or equivalent	None	Moderate-term on-the-job training
53-3032	Heavy and Tractor-Trailer Truck Drivers	89	99	10	12%	1.9%	\$21.49	Postsecondary nondegree award	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	306	339	33	11%	6.6%	\$12.94	No formal educational credential	None	Short-term on-the-job training
51-9011	Chemical Equipment Operators and Tenders	202	221	19	9%	4.4%	\$22.91	High school diploma or equivalent	None	Moderate-term on-the-job training
45-2093	Farmworkers, Farm, Ranch, and Aquacultural Animals	179	196	18	10%	3.9%	\$10.86	No formal educational credential	None	Short-term on-the-job training
53-7062	Laborers and Freight, Stock, and Material Movers, Hand	165	180	15	9%	3.6%	\$14.24	No formal educational credential	None	Short-term on-the-job training
11-9013	Farmers, Ranchers, and Other Agricultural Managers	221	236	15	7%	4.8%	\$16.72	High school diploma or equivalent	5 years or more	None
51-1011	First-Line Supervisors of Production and Operating Workers	140	155	15	11%	3.0%	\$29.01	High school diploma or equivalent	Less than 5 years	None
49-9041	Industrial Machinery Mechanics	55	68	13	24%	1.2%	\$26.84	High school diploma or equivalent	None	Long-term on-the-job training
51-9196	Paper Goods Machine Setters,	116	128	13	11%	2.5%	\$27.35	High school	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
	Operators, and Tenders							diploma or equivalent		the-job training
41-4012	Sales Representatives, Wholesale and Manufacturing, Except Technical and Scientific Products	74	86	12	16%	1.6%	\$22.79	High school diploma or equivalent	None	Moderate-term on-the-job training
51-3011	Bakers	32	43	12	36%	0.7%	\$12.00	No formal educational credential	None	Long-term on-the-job training

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
51-4121	Welders, Cutters, Solderers, and Brazers	395	306	-89	-23%	5.9%	\$19.63	High school diploma or equivalent	None	Moderate-term on-the-job training
13-2011	Accountants and Auditors	270	269	-1	0%	4.0%	\$36.64	Bachelor's degree	None	None
51-2098	Miscellaneous Assemblers and Fabricators	251	191	-60	-24%	3.7%	\$16.62	High school diploma or equivalent	None	Moderate-term on-the-job training
11-1021	General and Operations Managers	232	223	-9	-4%	3.5%	\$35.72	Bachelor's degree	5 years or more	None
47-1011	First-Line Supervisors of Construction Trades and Extraction Workers	201	185	-16	-8%	3.0%	\$29.07	High school diploma or equivalent	5 years or more	None
51-1011	First-Line Supervisors of Production and Operating Workers	195	172	-23	-12%	2.9%	\$29.01	High school diploma or equivalent	Less than 5 years	None
43-3031	Bookkeeping, Accounting, and Auditing Clerks	171	158	-13	-8%	2.5%	\$17.67	Some college, no 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
47-5011	Derrick Operators, Oil and Gas	161	153	-8	-5%	2.4%	\$20.82	No formal educational credential	None	Short-term on-the-job training
49-9051	Electrical Power-Line Installers and Repairers	124	127	2	2%	1.9%	\$32.79	High school diploma or equivalent	None	Long-term on-the-job training
43-9061	Office Clerks, General	118	108	-10	-8%	1.8%	\$14.30	High school diploma or equivalent	None	Short-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
47-5044	Loading and Moving Machine Operators, Underground Mining	37	58	21	57%	0.5%	\$28.33	No formal educational credential	None	Short-term on-the-job training
51-2028	Electrical, Electronic, and Electromechanical Assemblers, Except Coil Winders, Tapers, and Finishers	45	49	4	9%	0.7%	\$16.36	High school diploma or equivalent	None	Moderate-term on-the-job training
49-9081	Wind Turbine Service Technicians	10	13	3	31%	0.2%	\$21.08	Postsecondary nondegree award	None	Long-term on-the-job training
47-5022	Excavating and Loading Machine and Dragline Operators, Surface Mining	12	15	3	21%	0.2%	\$15.04	High school diploma or equivalent	Less than 5 years	Moderate-term on-the-job training
51-8093	Petroleum Pump System Operators, Refinery Operators, and Gaugers	82	84	2	3%	1.2%	\$37.46	High school diploma or equivalent	None	Moderate-term on-the-job training
49-9051	Electrical Power-Line Installers and Repairers	124	127	2	2%	1.9%	\$32.79	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
11-3031	Financial Managers	66	69	2	3%	1.0%	\$50.63	Bachelor's degree	5 years or more	None
47-2111	Electricians	54	56	2	4%	0.8%	\$26.62	High school diploma or equivalent	None	Apprenticeship
15-1252	Software Developers	26	27	1	4%	0.4%	\$48.08	Bachelor's degree	None	None
23-2093	Title Examiners, Abstractors, and Searchers	28	28	1	3%	0.4%	\$15.38	High school diploma or equivalent	None	Moderate-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
43-3071	Tellers	353	284	-69	-20%	9.8%	\$12.64	High school diploma or equivalent	None	Short-term on-the-job training
43-4051	Customer Service Representatives	200	209	10	5%	5.6%	\$14.65	High school diploma or equivalent	None	Short-term on-the-job training
13-2011	Accountants and Auditors	198	222	24	12%	5.5%	\$36.64	Bachelor's degree	None	None
43-4131	Loan Interviewers and Clerks	178	160	-19	-10%	5.0%	\$15.54	High school diploma or equivalent	None	Short-term on-the-job training
49-2022	Telecommunications Equipment Installers and Repairers, Except Line Installers	173	240	67	39%	4.8%	\$18.72	Postsecondary nondegree award	None	Moderate-term on-the-job training
13-2072	Loan Officers	165	152	-13	-8%	4.6%	\$28.39	Bachelor's degree	Less than 5 years	Moderate-term on-the-job training
43-1011	First-Line Supervisors of Office and Administrative Support Workers	128	122	-6	-5%	3.6%	\$23.01	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
43-3031	Bookkeeping, Accounting, and Auditing Clerks	116	119	3	2%	3.2%	\$17.67	Some college, no degree	None	Moderate-term on-the-job training
15-1252	Software Developers	111	130	19	17%	3.1%	\$48.08	Bachelor's degree	None	None
41-3091	Sales Representatives of Services, Except Advertising, Insurance, Financial Services, and Travel	103	131	28	27%	2.9%	\$20.08	High school diploma or equivalent	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
49-2022	Telecommunications Equipment Installers and Repairers, Except Line Installers	173	240	67	39%	4.8%	\$18.72	Postsecondary nondegree award	None	Moderate-term on-the-job training
41-3091	Sales Representatives of Services, Except Advertising, Insurance, Financial Services, and Travel	103	131	28	27%	2.9%	\$20.08	High school diploma or equivalent	None	Moderate-term on-the-job training
13-2011	Accountants and Auditors	198	222	24	12%	5.5%	\$36.64	Bachelor's degree	None	None
49-9052	Telecommunications Line Installers and Repairers	50	73	23	46%	1.4%	\$23.86	High school diploma or equivalent	None	Long-term on-the-job training
15-1252	Software Developers	111	130	19	17%	3.1%	\$48.08	Bachelor's degree	None	None
43-4051	Customer Service Representatives	200	209	10	5%	5.6%	\$14.65	High school diploma or equivalent	None	Short-term on-the-job training
13-1161	Market Research Analysts and Marketing Specialists	60	70	9	16%	1.7%	\$23.09	Bachelor's degree	None	None
15-1231	Computer Network Support Specialists	37	47	9	25%	1.0%	\$29.52	Associate'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
11-3031	Financial Managers	83	90	7	9%	2.3%	\$50.63	Bachelor's degree	5 years or more	None
11-1021	General and Operations Managers	91	98	7	8%	2.5%	\$35.72	Bachelor's degree	5 years or more	None

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
51-4121	Welders, Cutters, Solderers, and Brazers	697	621	-76	-11%	7.4%	\$19.63	High school diploma or equivalent	None	Moderate-term on-the-job training
51-2098	Miscellaneous Assemblers and Fabricators	614	564	-50	-8%	6.5%	\$16.62	High school diploma or equivalent	None	Moderate-term on-the-job training
51-1011	First-Line Supervisors of Production and Operating Workers	525	539	14	3%	5.6%	\$29.01	High school diploma or equivalent	Less than 5 years	None
51-9161	Computer Numerically Controlled Tool Operators	420	396	-24	-6%	4.5%	\$16.35	High school diploma or equivalent	None	Moderate-term on-the-job training
53-7062	Laborers and Freight, Stock, and Material Movers, Hand	271	288	17	6%	2.9%	\$14.24	No formal educational credential	None	Short-term on-the-job training
51-4041	Machinists	265	251	-15	-6%	2.8%	\$21.65	High school diploma or equivalent	None	Long-term on-the-job training
51-9011	Chemical Equipment Operators and Tenders	242	252	10	4%	2.6%	\$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
51-9061	Inspectors, Testers, Sorters, Samplers, and Weighers	233	226	-7	-3%	2.5%	\$21.98	High school diploma or equivalent	None	Moderate-term on-the-job training
43-5071	Shipping, Receiving, and Inventory Clerks	210	206	-4	-2%	2.2%	\$15.63	High school diploma or equivalent	None	Short-term on-the-job training
11-1021	General and Operations Managers	196	204	8	4%	2.1%	\$35.72	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
49-9041	Industrial Machinery Mechanics	124	147	23	18%	1.3%	\$26.84	High school diploma or equivalent	None	Long-term on-the-job training
53-3032	Heavy and Tractor-Trailer Truck Drivers	157	175	18	11%	1.7%	\$21.49	Postsecondary nondegree award	None	Short-term on-the-job training
53-7062	Laborers and Freight, Stock, and Material Movers, Hand	271	288	17	6%	2.9%	\$14.24	No formal educational credential	None	Short-term on-the-job training
51-5112	Printing Press Operators	66	81	15	23%	0.7%	\$14.49	High school diploma or equivalent	None	Moderate-term on-the-job training
51-9196	Paper Goods Machine Setters, Operators, and Tenders	116	130	14	12%	1.2%	\$27.35	High school diploma or equivalent	None	Moderate-term on-the-job training
51-1011	First-Line Supervisors of Production and Operating Workers	525	539	14	3%	5.6%	\$29.01	High school diploma or equivalent	Less than 5 years	None
49-9043	Maintenance Workers, Machinery	194	207	12	6%	2.1%	\$28.57	High school diploma or equivalent	None	Long-term on-the-job training
53-7051	Industrial Truck and Tractor Operators	111	122	12	11%	1.2%	\$19.84	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
51-3011	Bakers	31	42	11	36%	0.3%	\$12.00	No formal educational credential	None	Long-term on-the-job training
51-6031	Sewing Machine Operators	70	82	11	16%	0.7%	\$10.73	No formal educational credential	None	Short-term on-the-job training

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	629	701	72	11%	14.1%	\$21.49	Postsecondary nondegree award	None	Short-term on-the-job training
53-7062	Laborers and Freight, Stock, and Material Movers, Hand	418	450	32	8%	9.4%	\$14.24	No formal educational credential	None	Short-term on-the-job training
53-7065	Stockers and Order Fillers	286	310	24	8%	6.4%	\$14.35	High school diploma or equivalent	None	Short-term on-the-job training
41-4012	Sales Representatives, Wholesale and Manufacturing, Except Technical and Scientific Products	262	288	26	10%	5.9%	\$22.79	High school diploma or equivalent	None	Moderate-term on-the-job training
53-7051	Industrial Truck and Tractor Operators	214	231	16	8%	4.8%	\$19.84	No formal educational credential	None	Short-term on-the-job training
41-4011	Sales Representatives, Wholesale and Manufacturing, Technical and Scientific Products	142	149	6	5%	3.2%	\$27.88	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
11-1021	General and Operations Managers	139	149	11	8%	3.1%	\$35.72	Bachelor's degree	5 years or more	None
53-3033	Light Truck Drivers	122	137	14	11%	2.7%	\$15.22	High school diploma or equivalent	None	Short-term on-the-job training
51-2098	Miscellaneous Assemblers and Fabricators	111	105	-7	-6%	2.5%	\$16.62	High school diploma or equivalent	None	Moderate-term on-the-job training
43-5071	Shipping, Receiving, and Inventory Clerks	111	113	2	1%	2.5%	\$15.63	High school diploma or equivalent	None	Short-term on-the-job training

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	629	701	72	11%	14.1%	\$21.49	Postsecondary nondegree award	None	Short-term on-the-job training
53-7062	Laborers and Freight, Stock, and Material Movers, Hand	418	450	32	8%	9.4%	\$14.24	No formal educational credential	None	Short-term on-the-job training
41-4012	Sales Representatives, Wholesale and Manufacturing, Except Technical and Scientific Products	262	288	26	10%	5.9%	\$22.79	High school diploma or equivalent	None	Moderate-term on-the-job training
53-7065	Stockers and Order Fillers	286	310	24	8%	6.4%	\$14.35	High school diploma or equivalent	None	Short-term on-the-job training
53-7051	Industrial Truck and Tractor Operators	214	231	16	8%	4.8%	\$19.84	No formal educational credential	None	Short-term on-the-job training
53-3031	Driver/Sales Workers	59	74	15	26%	1.3%	\$8.68	High school diploma or equivalent	None	Short-term on-the-job training
53-3033	Light Truck Drivers	122	137	14	11%	2.7%	\$15.22	High school diploma or equivalent	None	Short-term on-the-job training
11-1021	General and Operations Managers	139	149	11	8%	3.1%	\$35.72	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
53-1047	First-Line Supervisors of Transportation and Material Moving Workers, Except Aircraft Cargo Handling Supervisors	85	93	8	10%	1.9%	\$25.23	High school diploma or equivalent	Less than 5 years	None
41-4011	Sales Representatives, Wholesale and Manufacturing, Technical and Scientific Products	142	149	6	5%	3.2%	\$27.88	Bachelor's degree	None	Moderate-term on-the-job training

Source: Lightcast- economicmodeling.com- 2022.3