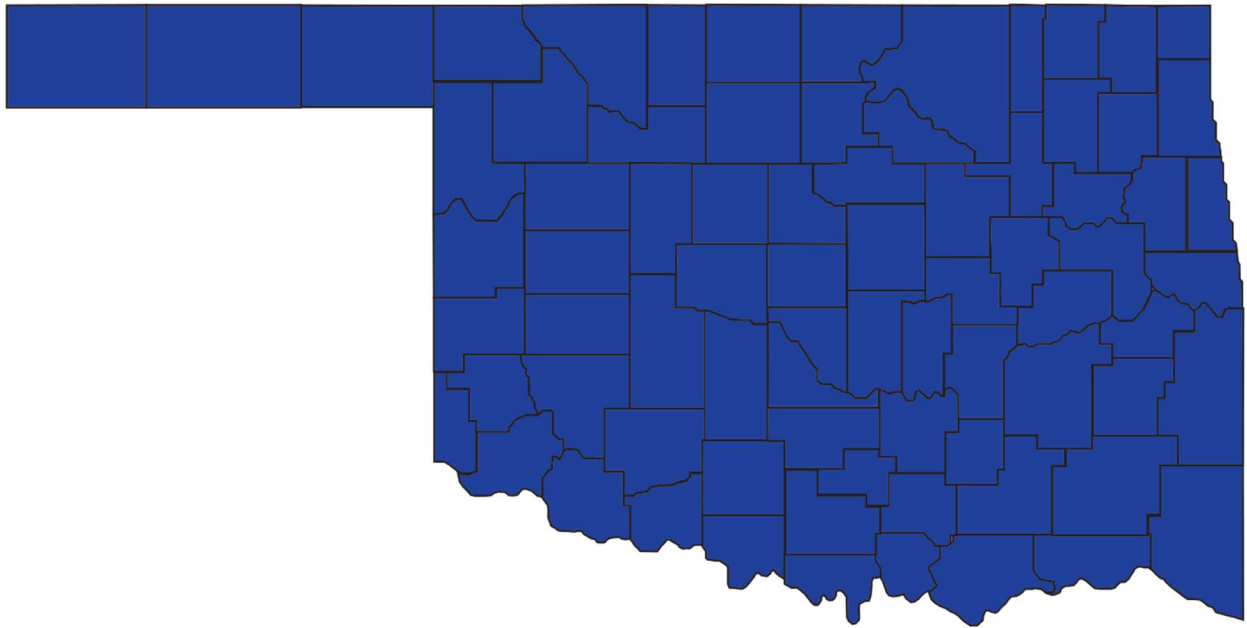


STATE OF OKLAHOMA



2022 WORKFORCE BRIEFING



OKLAHOMA
WORKS®

Table of Contents

Introduction	5
Population.....	5
Population by Workforce Development Area	5
Population by County	7
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	14
Labor Force Participation by County.....	15
Median Earnings.....	15
Commuter Data	15
Top Industries by Total Jobs	16
Target Sectors	17
Target Sector Staffing Patterns.....	18
Summary	18
Appendix.....	19
County Level Tables.....	19
Target and Complementary NAICS Codes	37
Target Sector Staffing Patterns.....	52

Tables

Table 1: Population by Workforce Development Area	6
Table 2: Projected Population by Workforce Development Area	6
Table 3: Population by County	19
Table 4: Projected Population by County	21
Table 5: Population by Age	8
Table 6: Projected Population by Age	8
Table 7: Population by Race and Ethnicity	10
Table 8: Projected Population by Race and Ethnicity	10
Table 9: Educational Attainment	12
Table 10: Projected Educational Attainment.....	12
Table 11: Educational Assets.....	23
Table 12: Labor Force Participation Rate by County	33
Table 13: Median Earnings by County	35
Table 14: Top Industries by Total Jobs	17
Table 15: Target Sector Projected Growth	18
Table 16: Top Staffed Aerospace Occupations in 2021.....	52
Table 17: Top Growing Aerospace Occupations by 2026.....	54
Table 18: Top Staffed Agribusiness and Bioscience Occupations in 2021	56
Table 19: Top Growing Agribusiness and Bioscience Occupations by 2026	58
Table 20: Top Staffed Energy Occupations in 2021	60
Table 21: Top Growing Energy Occupations by 2026	62
Table 22: Top Staffed Information and Financial Services Occupations in 2021	64
Table 23: Top Growing Information and Financial Services Occupations by 2026	66
Table 24: Top Staffed Manufacturing Occupations in 2021	68
Table 25: Top Growing Manufacturing Occupations by 2026	70
Table 26: Top Staffed Transportation and Logistics Occupations in 2021	72
Table 27: Top Growing Transportation and Logistics Occupations by 2026	74

Figures

Figure 1: Population by Workforce Development Area	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: Educational Attainment Mismatch	14
Figure 7: Commuter Patterns	16
Figure 8: Target and Complementary Sectors.....	17

Introduction

The State of Oklahoma is home to around four million people and is made up of 77 counties and six Workforce Development Areas (WFDAs). Employers in the state face an ever-increasing need for highly skilled capable workers. To meet this demand, Oklahoma Works, a coalition of state agencies, businesses, educational institutions, and other entities, facilitates the connection between potential employees and businesses, increasing the wealth of all Oklahomans through providing education and training for residents to obtain quality employment. The purpose of this briefing is to examine the current and projected future status of the state, its residents, and workforce. The following reviews the population, education, labor force, top industries by total jobs, and staffing patterns for target and complementary sectors in the State of Oklahoma.

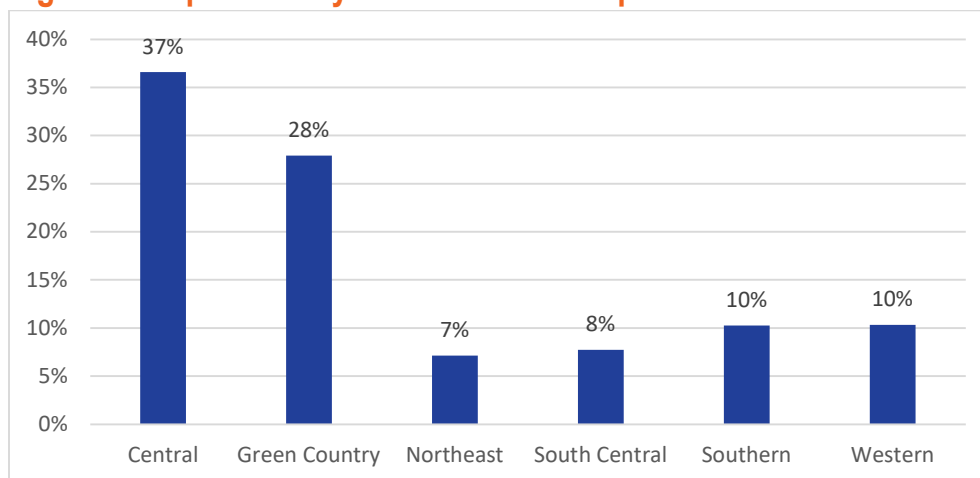
Population

Between 2016 and 2021, the state grew by approximately 2%, from 3,928,143 to 4,007,683 people, or around 79,540 additional people. By 2026, the state is expected to grow by an additional 3.1% to 4,130,578 people. The following shows population figures and analyses in Oklahoma by workforce development area (WFDA), county, age, race, and ethnicity.

Population by Workforce Development Area

Oklahoma has six workforce development areas (WFDA's): Central, Green Country, Northeast, South Central, Southern, and Western. Each of these vary in terms of population and growth, among other factors. Figure 1 shows the population of each WFDA as a percentage of the state's population. In 2021, the Central WFDA made up the largest percentage of the state's population at 37%. The Green Country WFDA made up the next largest percentage of the population at 28%. The Northeast WFDA population made up 7% of the state's population, representing the smallest WFDA by population in the state.

Figure 1: Population by Workforce Development Area



Source: Lightcast- economicmodeling.com- 2022.3

Table 1 provides the change in population by workforce development area from 2016 to 2021. During this period, nearly all workforce areas grew in population. The Central WFDA added the most people during this period at an additional 64,093 people by 2021. Green Country added the second largest number of people at 19,137. South Central added the least number of people at 2,267. The Western WFDA was the only area to decline in population during this period at 11,870 fewer people by 2021.

Table 1: Population by Workforce Development Area

County	2016 Population	2021 Population	Total Change
Central	1,402,907	1,467,000	64,093
Green Country	1,099,908	1,119,045	19,137
Northeast	282,647	285,409	2,762
South Central	308,279	310,546	2,267
Southern	408,324	411,475	3,151
Western	426,078	414,208	-11,870
Total	3,928,143	4,007,683	79,540

Source: Lightcast- economicmodeling.com- 2022.3

Table 2 shows the projected population change from 2021 to 2026. During this period, all WFDA's are projected to grow in population. The Central WFDA will continue to add the greatest number of people to Oklahoma at 72,245 additional people by 2026. Green Country will add the second largest number of people at 26,648. The Western WFDA will stop declining and add the least number of people to the state at 2,394.

Table 2: Projected Population by Workforce Development Area

County	2021 Population	2026 Population	Total Change
Central	1,467,000	1,539,245	72,245
Green Country	1,119,045	1,145,693	26,648
Northeast	285,409	289,474	4,065
South Central	310,546	317,954	7,408
Southern	411,475	421,611	10,136
Western	414,208	416,602	2,394
Total	4,007,683	4,130,578	122,895

Source: Lightcast- economicmodeling.com- 2022.3

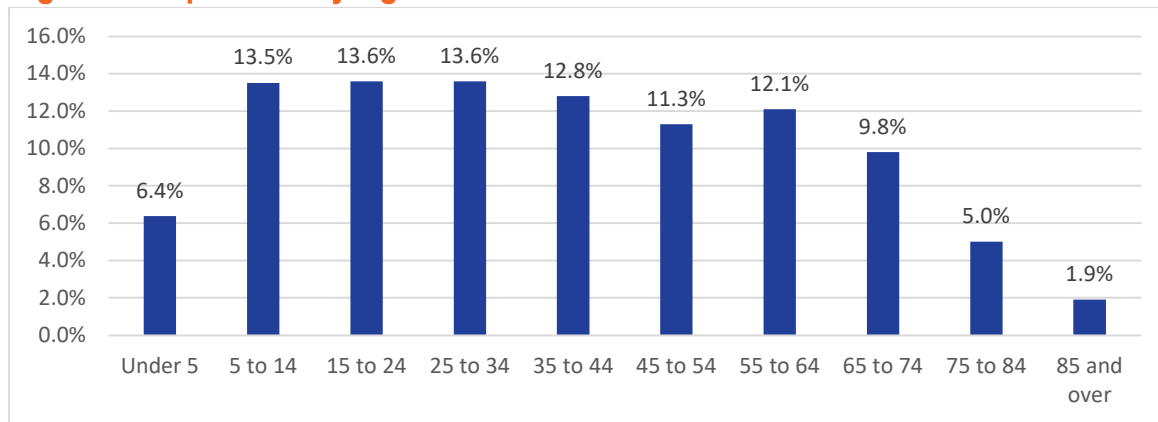
Population by County

Table 3 and 4 in the appendix show Oklahoma's population change between 2016 and 2026 for each county. In 2021, Oklahoma County had the largest population out of all counties in Oklahoma at 811,679, representing 20% of the state's population. Tulsa County had the second largest population at 662,171, around 17% of the population. Cimarron County was the least populated representing .05% of the State population with 2,171 residents.

Population by Age

Figure 2 below shows the population by age in Oklahoma. In 2021, 15- to 24- and 25- to 34-year-olds represented the largest age groups in Oklahoma each at 13.6%. The next largest age group was 5- to 14 year-olds at 13.5%. Those aged 85 and over represent the smallest age group in Oklahoma at 1.9%.

Figure 1: Population by Age



Source: *Lightcast- economicmodeling.com- 2022.3*

Table 5 provides the population change by age group from 2016 to 2021. During this period, more than half of all age groups grew in population. In particular, all groups over 65 increased while various younger groups declined. 65- to 74-year-olds added the most people at 51,718 while 75-to 84-year-olds were next at 25,150. 15- to 24-year-olds grew the least at just 1,870 more people in the last 5 years. Alternatively, 45- to 54-year-olds experienced the largest decline at 25,526 fewer people.

Table 5: Population by Age

Age	2016 Population	2021 Population	Total Change
Under 5 years	266,310	255,057	-11,253
5 to 14 years	538,024	540,378	2,354
15 to 24 years	543,835	545,705	1,870
25 to 34 years	547,047	545,972	-1,075
35 to 44 years	479,060	513,501	34,441
45 to 54 years	476,871	451,345	-25,526
55 to 64 years	487,730	484,256	-3,474
65 to 74 years	341,563	393,281	51,718
75 to 84 years	176,906	202,056	25,150
85 years and over	70,797	76,133	5,336
Total	3,928,143	4,007,683	79,540

Source: Lightcast - economicmodeling.com- 2022.3

Table 6 provides the population change by age group from 2021 to 2026. During this period, nearly all age groups are projected to grow in population. In particular, those over 65 will continue to grow while fewer young age groups will decline. 75- to 84-year-olds will add the most people at 48,661 while 65- to 74-year-olds will be next at 35,230. The population of those under 5 will grow the least at 304 more people by 2026. Alternatively, those aged 5 to 14 and 55 to 64 were the only groups to decline during this period at 3,274 and 30,836 fewer people, respectively.

Table 6: Projected Population by Age

Demographic	2021 Population	2026 Population	Total Change
Under 5 years	255,057	255,361	304
5 to 14 years	540,378	537,104	-3,274
15 to 24 years	545,705	558,258	12,553
25 to 34 years	545,972	550,677	4,705
35 to 44 years	513,501	541,446	27,944
45 to 54 years	451,345	469,088	17,743
55 to 64 years	484,256	453,420	-30,836
65 to 74 years	393,281	428,511	35,230
75 to 84 years	202,056	250,716	48,661
85 years and over	76,133	85,997	9,864
Total	4,007,683	4,130,578	122,895

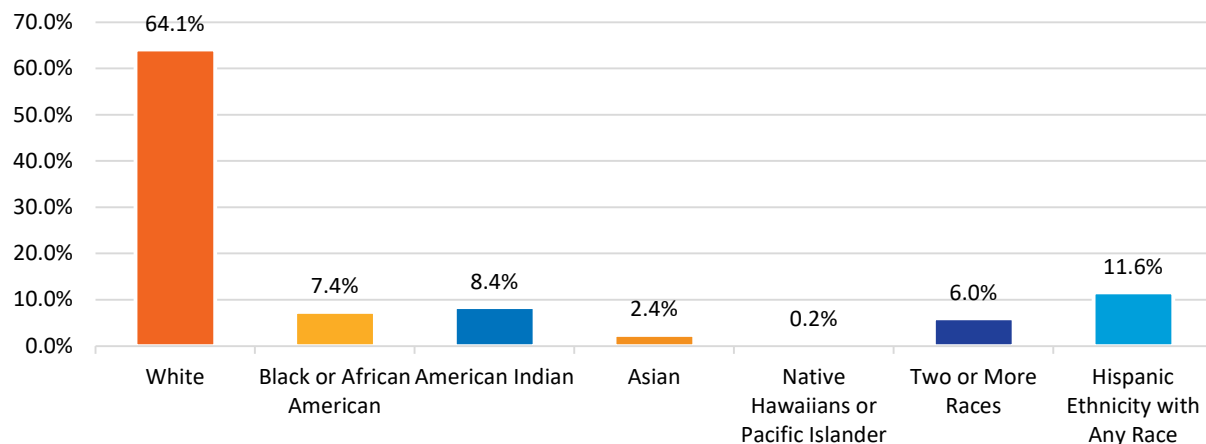
Source: Lightcast – economicmodeling.com – 2022.3

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 Oklahoma population by race and ethnicity in 2021. This shows that Whites made up the largest percentage of the population at 64.1%. Those of Hispanic Ethnicity with Any Race were the second largest percentage of the population at 11.6%. Native Hawaiians or Pacific Islanders were the smallest percentage of the population at 0.2%.

Figure 3: Population by Race and Ethnicity



Source: *Lightcast- economicmodeling.com- 2022.3*

Table 7 provides the population change by demographic group from 2016 to 2021. During this period, nearly all demographic groups grew in population. Hispanic Ethnicity with Any Race and those with Two or More Races added the most population during this period at 54,884 and 24,112 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 1,988 and 5,615 additional people, respectively. Whites were the only group to decline in population during this period at 22,799 fewer people by 2021.

Table 7: Population by Race and Ethnicity

Demographic	2016 Population	2021 Population	Total Change
White	2,590,132	2,567,333	-22,799
Black or African American	289,100	296,489	7,389
American Indian or Alaskan Native	330,821	336,436	5,615
Asian	87,195	95,547	8,352
Native Hawaiian or Pacific Islander	6,129	8,117	1,988
Two or More Races	214,694	238,806	24,112
Hispanic Ethnicity with any Race	410,072	464,956	54,884
Total	3,928,143	4,007,683	79,540

Source: Lightcast - economicmodeling.com- 2022.3

Table 8 provides the population change by demographic group from 2021 to 2026. During this period, nearly all demographic groups are projected to continue growing. Hispanic Ethnicity with Any Race and those with Two or More Races will continue to add the most population at 66,162 and 39,770 additional people by 2026, respectively. Alternatively, Native Hawaiians or Pacific Islanders and American Indian or Alaskan Natives will continue to add the least in total population at 3,275 and 7,727 additional people, respectively. The White population will continue to decline by additional 16,416 people.

Table 8: Projected Population by Race and Ethnicity

Demographic	2021 Population	2026 Population	Total Change
White	2,567,333	2,550,916	-16,416
Black or African American	296,489	305,847	9,358
American Indian or Alaskan Native	336,436	344,163	7,727
Asian	95,547	108,566	13,019
Native Hawaiian or Pacific Islander	8,117	11,392	3,275
Two or More Races	238,806	278,576	39,770
Hispanic Ethnicity with any Race	464,956	531,118	66,162
Total	4,007,683	4,130,578	122,895

Source: Lightcast - economicmodeling.com- 2022.3

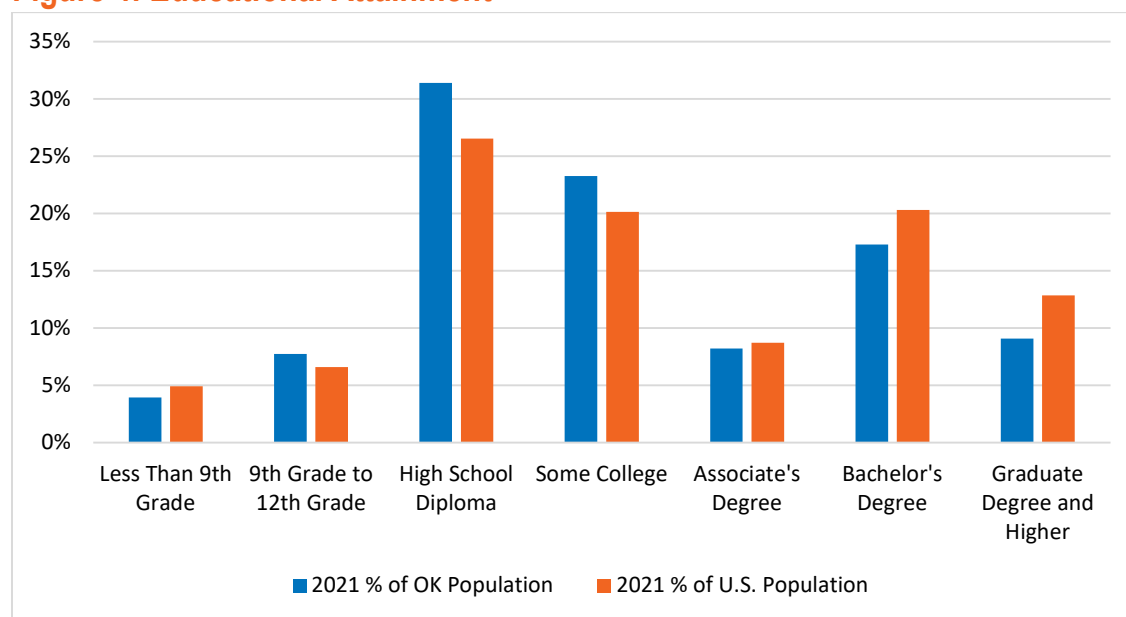
Education

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 Oklahoma's educational attainment, provides an educational attainment mismatch analysis, and details the State's educational assets.

Educational Attainment

Figure 4 compares the State of Oklahoma Educational Attainment Level with the United States Educational Attainment Level in 2021. In Oklahoma, High School Diploma made up the largest share of the population at 31%. This was four percentage points higher than the U.S. average of 27%. 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%, one percentage point below the national average.

Figure 4: Educational Attainment



Source: *Lightcast- economicmodeling.com- 2022.3*

Table 9 provides the change in educational attainment levels in Oklahoma from 2016 to 2021. By 2021, fewer people had an education below the High School Diploma level while more people achieved higher levels of education than in 2016. In particular, those with a Graduate Degree and Higher grew the most during this period at 30,621 more people. Those with an Associate's Degree were next at an additional 25,891 people by 2021. Alternatively, a combined 25,244 fewer people had an education below the High School Diploma level by 2021.

Table 9: Educational Attainment

Education Level	2016 Population	2021 Population	Total Change
Less Than 9th Grade	112,764	104,077	-8,686
9th Grade to 12th Grade	221,215	204,657	-16,558
High School Diploma	814,245	829,127	14,882
Some College	611,354	614,957	3,603
Associate's Degree	190,949	216,839	25,891
Bachelor's Degree	419,996	456,815	3,819
Graduate Degree and Higher	209,451	240,073	30,621
Total	2,579,974	2,666,544	86,570

Source: Lightcast - economicmodeling.com- 2022.3

Table 10 provides the change in educational attainment levels in Oklahoma 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 grow the most during this period at 31,054 more people. Those with a High School Diploma will be next at an additional 26,438 people. Alternatively, a combined 2,720 fewer people will have an education below the High School Diploma level by 2026.

Table 10: Projected Educational Attainment

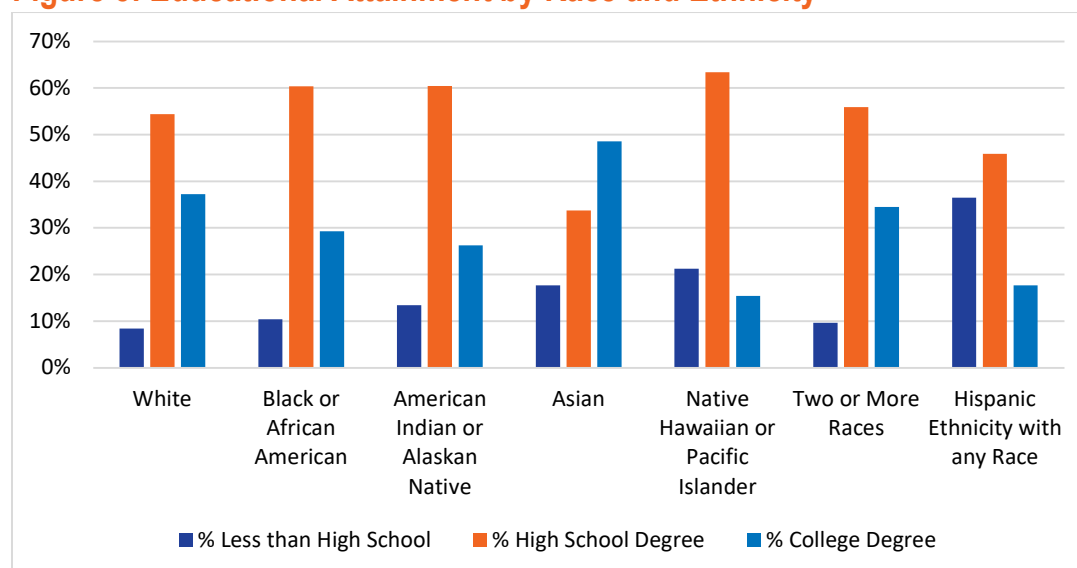
Education Level	2021 Population	2026 Population	Total Change
Less Than 9th Grade	104,077	103,421	-656
9th Grade to 12th Grade	204,657	202,593	-2,064
High School Diploma	829,127	855,565	26,438
Some College	614,957	630,397	15,440
Associate's Degree	216,839	236,882	20,043
Bachelor's Degree	456,815	487,869	31,054
Graduate Degree and Higher	240,073	263,129	23,056
Total	2,666,544	2,779,856	113,311

Source: Lightcast – economicmodeling.com – 2022.3

Educational Attainment by Race and Ethnicity

Figure 5 shows Oklahoma's education attainment levels by race and ethnicity in 2021. Across almost all racial and ethnic groups, High School Degree represented the largest percentage of the respective population groups. Hispanic Ethnicity with Any Race had the largest population percentage at the Less Than High School level at 36%. Native Hawaiian or Pacific Islander had the largest population percentage at the High School Degree level at 63%. Asian Americans had the largest population percentage at the College Degree level at 49%.

Figure 5: Educational Attainment by Race and Ethnicity



Source: Lightcast- economicmodeling.com- 2022.3

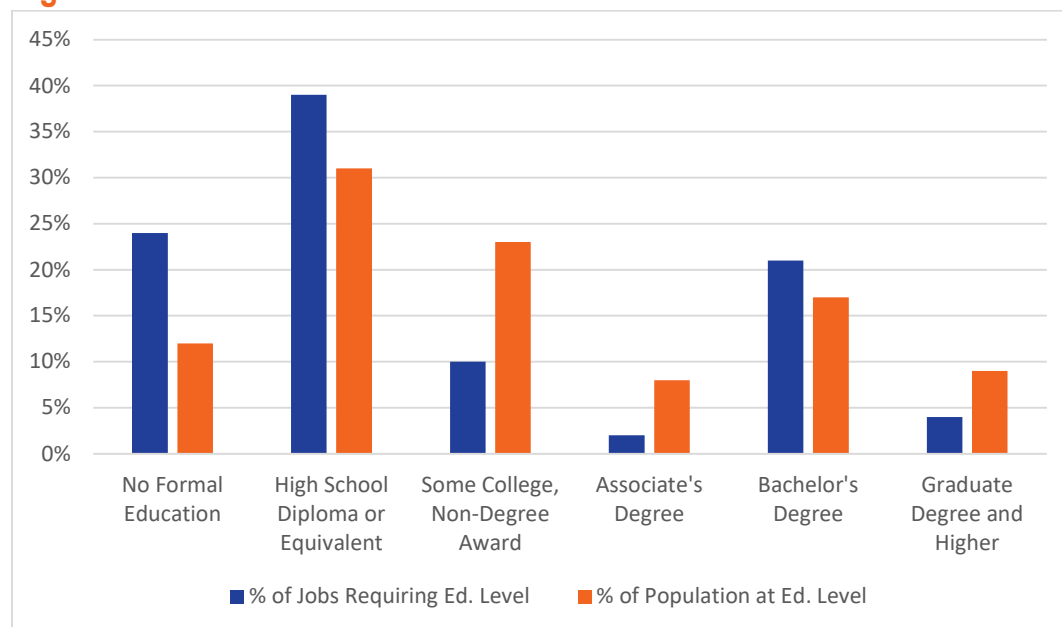
Educational Attainment Mismatch

Figure 6 below shows an educational attainment mismatch analysis for the State of Oklahoma.¹ This compares the typical education required for jobs to the educational attainment of the population in 2021. 24% of jobs in Oklahoma require no formal education while just 12% 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, 39% of jobs in Oklahoma require this level of education while 31% 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 9% of the population is prepared for

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.

4% of the jobs in the market. At the Bachelor's Degree level, 17% of the population have the degree while 21% of jobs require it.

Figure 2: Educational Attainment Mismatch



Source: Lightcast- economicmodeling.com- 2022.3

Educational Assets

Oklahoma has over 120 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 11 in the appendix details accredited institutions and their programs of study.

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 Oklahoma's current labor force and commuter data, including labor force participation rates broken down by workforce development area and county, median earnings, as well as commuter data detailing commuter inflow, outflow, and circulation for the state.

Labor Force Participation by County

Table 12 in the appendix shows the estimated Oklahoma labor force participation rate by county in June 2021 and June 2022. In June 2022, Grant County had the highest participation rate of 89.2%. Blaine, Cimarron, and Dewey counties had the next highest labor force participation rates, all clearing above 80%. These were all well above the state labor force participation rate of 61%. Conversely, Haskell, Johnston, and Latimer counties had the lowest labor force participation rates of 43.1%, 44.9%, and 41.6%, respectively.

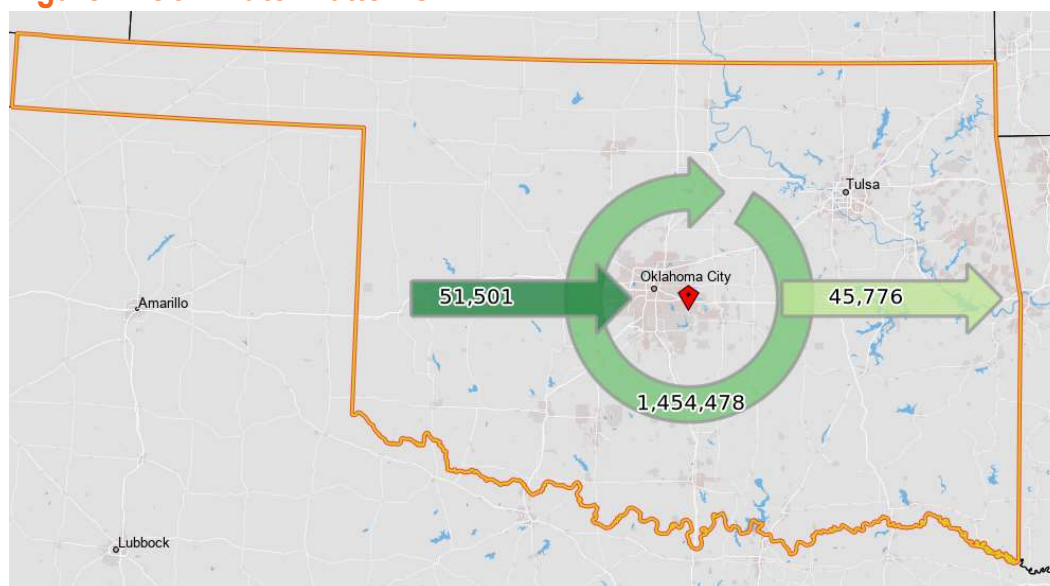
Between June 2021 and June 2022, the labor force participation rate of most Oklahoma counties declined. This reflects the overall -0.4% decrease in labor force participation at the state level during this period. Alfalfa County experienced the greatest decrease in labor force participation at -4.6% since June 2021. Cotton County experienced the next largest decrease in labor force participation at -4.0%. Conversely, Dewey and Ottawa counties experienced the greatest increase in labor force participation at an additional 1.2% each.

Median Earnings

Table 13 located in the appendix provides the median earnings of those over the age of 16 in 2021. The median earnings for the State of Oklahoma are \$34,460. The highest median earnings were found in McClain County at \$42,028, over \$7,500 more than median earnings at the state level. The second highest were in Canadian County at \$41,612. The lowest median earnings in Oklahoma were in Payne County at \$21,656. This was nearly \$13,000 lower than the average at the state level.

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 2019, 51,501 worked in the State of Oklahoma and did not live there. 1,454,478 lived and worked in-state. 45,776 lived in Oklahoma and worked outside the state. See Figure 7 below.

Figure 7: 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 14 below shows the top ten industries in Oklahoma by the total number of jobs in 2021. There was an estimated 1,569,349 total jobs in Oklahoma in 2021. The largest sector was Government with 316,430 jobs. The second largest sector was Health Care and Social Assistance with 194,319 jobs. The tenth largest sector was Finance and Insurance with 55,230 jobs. Together, these industries made up 85.4% of the total jobs in Oklahoma in 2021.

Table 14: Top Industries by Total Jobs

NAICS	Description	2021 Jobs	Percentage of Total Employment
90	Government	316,430	20.2%
62	Health Care and Social Assistance	194,319	12.4%
44	Retail Trade	181,920	11.6%
72	Accommodation and Food Services	148,667	9.5%
31	Manufacturing	128,606	8.2%
56	Administrative and Support and Waste Management and Remediation Services	94,892	6.0%
23	Construction	78,057	5.0%
54	Professional, Scientific, and Technical Services	75,271	4.8%
48	Transportation and Warehousing	65,800	4.2%
52	Finance and Insurance	55,230	3.5%

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, Automotive, Bioscience, Film and Music, Information and Financial Services, Manufacturing, Renewable Energy, Traditional Energy, and Transportation and Logistics. Growth in these areas lead to workforce needs in complementary sectors. These complementary sectors include Construction, Health Care, Education, and Creative Industries. Figure 9 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.

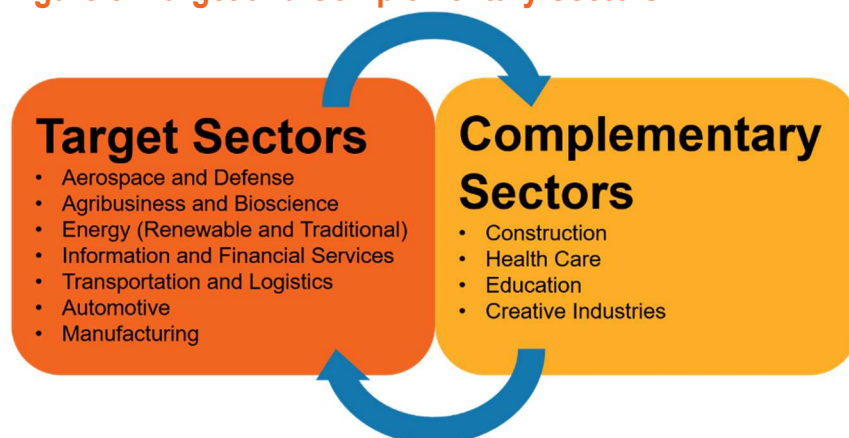
Figure 8: Target and Complementary Sectors

Table 15 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 apart from the energy sector.

Table 15: 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	70,161	73,611	3,450	5%	\$91,200
Agribusiness and Bioscience	70,275	74,687	4,412	6%	\$69,833
Energy (Renewable and Traditional)	72,556	62,115	-10,441	-14%	\$112,880
Information and Financial Services	106,602	108,924	2,322	2%	\$97,852
Manufacturing	128,606	130,206	1,600	1%	\$78,259
Transportation and Logistics (Includes Automotive)	122,104	128,038	5,934	5%	\$72,851

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 state briefing reviewed Oklahoma's population, educational attainment and assets, labor force information, top industry data, and target and complementary sectors. Oklahoma is comprised of 77 counties that make up six Workforce Development Areas (WFDAs). The Oklahoma Office of Workforce Development prepares briefings for each of the Workforce Development Areas. Briefings are available at oklahomaworks.gov/workforce-briefings.

Appendix

County Level Tables

Table 3: Population by County

County	Population (2016)	Population (2021)	Total Change
Adair County	22,301	21,943	-358
Alfalfa County	5,926	5,701	-225
Atoka County	13,882	13,929	47
Beaver County	5,437	5,278	-159
Beckham County	22,467	21,688	-779
Blaine County	9,649	9,502	-147
Bryan County	45,679	49,908	4,229
Caddo County	29,696	28,520	-1,176
Canadian County	136,508	157,615	21,107
Carter County	48,501	48,474	-27
Cherokee County	48,868	49,142	274
Choctaw County	14,874	14,697	-177
Cimarron County	2,181	2,171	-10
Cleveland County	278,062	290,442	12,380
Coal County	5,643	5,641	-2
Comanche County	121,554	121,494	-60
Cotton County	5,924	5,622	-302
Craig County	14,467	14,099	-368
Creek County	71,161	71,348	187
Custer County	29,224	28,773	-451
Delaware County	41,967	43,252	1,285
Dewey County	4,895	4,830	-65
Ellis County	4,083	3,809	-274
Garfield County	62,585	61,064	-1,521
Garvin County	27,944	27,729	-215
Grady County	54,677	56,372	1,695
Grant County	4,454	4,430	-24
Greer County	5,958	5,680	-278
Harmon County	2,712	2,574	-138
Harper County	3,787	3,629	-158
Haskell County	12,706	12,699	-7
Hughes County	13,417	13,155	-262
Jackson County	25,488	24,192	-1,296
Jefferson County	6,239	5,927	-312
Johnston County	11,125	10,945	-180
Kay County	44,937	43,022	-1,915
Kingfisher County	15,661	15,866	205

County	Population (2016)	Population (2021)	Total Change
Kiowa County	9,034	8,810	-224
Latimer County	10,553	10,066	-487
Le Flore County	50,154	49,770	-384
Lincoln County	34,907	35,273	366
Logan County	46,032	49,715	3,683
Love County	10,034	10,381	347
Major County	7,760	7,664	-96
Marshall County	16,265	17,403	1,138
Mayes County	41,031	41,206	175
McClain County	38,625	42,071	3,446
McCurtain County	33,099	32,673	-426
McIntosh County	19,761	19,610	-151
Murray County	13,922	14,128	206
Muskogee County	69,028	67,323	-1,705
Noble County	11,420	11,042	-378
Nowata County	10,405	9,980	-425
Okfuskee County	12,089	11,754	-335
Oklahoma County	784,684	811,679	26,995
Okmulgee County	39,061	38,513	-548
Osage County	47,364	46,617	-747
Ottawa County	31,617	30,826	-791
Pawnee County	16,461	16,475	14
Payne County	81,924	81,913	-11
Pittsburg County	44,397	43,625	-772
Pontotoc County	38,499	38,487	-12
Pottawatomie County	72,051	73,194	1,143
Pushmataha County	11,047	10,920	-127
Roger Mills County	3,683	3,564	-119
Rogers County	91,061	93,905	2,844
Seminole County	25,157	24,173	-984
Sequoyah County	41,887	41,560	-327
Stephens County	44,044	43,271	-773
Texas County	21,242	19,772	-1,470
Tillman County	7,520	7,269	-251
Tulsa County	64,6328	662,171	15,843
Wagoner County	77,688	84,344	6,656
Washington County	52,099	52,141	42
Washita County	11,428	10,798	-630
Woods County	9,152	8,673	-479
Woodward County	20,991	19,764	-1,227
Total	3,928,143	4,007,683	79,540

Source: Lightcast- economicmodeling.com- 2022.3

Table 4: Projected Population by County

County	Population (2021)	Population (2026)	Total Change
Adair County	21,943	22,298	355
Alfalfa County	5,701	5,698	-3
Atoka County	13,929	14,095	166
Beaver County	5,278	5,685	406
Beckham County	21,688	22,652	963
Blaine County	9,502	9,801	298
Bryan County	49,908	54,369	4,462
Caddo County	28,520	27,991	-529
Canadian County	157,615	178,176	20,561
Carter County	48,474	48,995	521
Cherokee County	49,142	50,394	1,252
Choctaw County	14,697	15,184	487
Cimarron County	2,171	2,337	166
Cleveland County	290,442	304,672	14,230
Coal County	5,641	6,016	374
Comanche County	121,494	123,232	1,738
Cotton County	5,622	5,514	-108
Craig County	14,099	13,981	-118
Creek County	71,348	70,652	-696
Custer County	28,773	29,448	675
Delaware County	43,252	44,143	891
Dewey County	4,830	4,938	108
Ellis County	3,809	3,790	-19
Garfield County	61,064	61,819	755
Garvin County	27,729	27,992	263
Grady County	56,372	58,302	1,930
Grant County	4,430	4,706	277
Greer County	5,680	5,641	-39
Harmon County	2,574	2,737	163
Harper County	3,629	3,747	119
Haskell County	12,699	13,051	352
Hughes County	13,155	13,412	257
Jackson County	24,192	23,612	-579
Jefferson County	5,927	5,962	35
Johnston County	10,945	11,736	790
Kay County	43,022	41,889	-1,133
Kingfisher County	15,866	16,143	277
Kiowa County	8,810	9,226	416
Latimer County	10,066	10,071	4
Le Flore County	49,770	49,059	-710
Lincoln County	35,273	36,377	1,104
Logan County	49,715	54,062	4,347

County	Population (2021)	Population (2026)	Total Change
Love County	10,381	11,099	718
Major County	7,664	8,139	476
Marshall County	17,403	18,790	1,387
Mayes County	41,206	41,593	387
McClain County	42,071	45,441	3,370
McCurtain County	32,673	32,412	-261
McIntosh County	19,610	19,679	69
Murray County	14,128	15,010	882
Muskogee County	67,323	66,184	-1,138
Noble County	11,042	10,729	-312
Nowata County	9,980	9,861	-120
Okfuskee County	11,754	11,922	168
Oklahoma County	811,679	842,688	31,009
Okmulgee County	38,513	40,290	1,777
Osage County	46,617	46,674	57
Ottawa County	30,826	30,875	48
Pawnee County	16,475	16,990	516
Payne County	81,913	82,559	645
Pittsburg County	43,625	43,619	-6
Pontotoc County	38,487	39,231	744
Pottawatomie County	73,194	73,946	751
Pushmataha County	10,920	10,881	-39
Roger Mills County	3,564	3,613	50
Rogers County	93,905	97,238	3,333
Seminole County	24,173	23,990	-182
Sequoyah County	41,560	41,781	221
Stephens County	43,271	43,905	634
Texas County	19,772	18,773	-999
Tillman County	7,269	7,607	338
Tulsa County	662,171	679,808	17,637
Wagoner County	84,344	90,941	6,597
Washington County	52,141	51,784	-357
Washita County	10,798	10,774	-24
Woods County	8,673	8,606	-67
Woodward County	19,764	19,539	-226
Total	4,007,683	4,130,578	122,895

Source: Lightcast- economicmodeling.com- 2022.3

Table 11: Educational Assets

Institution Name	Institution Type	City	County	WFDA	Degree Types
Cameron University	Public	Lawton	Comanche	South Central	Associate, Bachelor, Master, Ph.D.
Cameron University	Public	Duncan	Stephens	South Central	Associate, Bachelor, Master, Ph.D.
Carl Albert State College	Public	Poteau	Le Flore	Southern	Associate, Certificate
Carl Albert State College	Public	Sallisaw	Sequoyah	Green Country	Associate, Certificate
College of the Muskogee Nation	Public	Muskogee	Muskogee	Green Country	Associate, Certificate
Connors State College	Public	Muskogee	Muskogee	Green Country	Associate, Certificate
Connors State College	Public	Warner	Muskogee	Green Country	Associate, Certificate
East Central University	Public	Ada	Pontotoc	Southern	Bachelor, Master
Eastern Oklahoma State College	Public	McAlester	Pittsburg	Southern	Associate, Certificate
Eastern Oklahoma State College	Public	Wilburton	Latimer	Southern	Associate, Certificate
Langston University	Public	Langston	Logan	Central	Associate, Bachelor, Master, Ph.D.
Langston University	Public	Oklahoma City	Oklahoma	Central	Associate, Bachelor, Master, Ph.D.
Langston University	Public	Tulsa	Tulsa	Green Country	Associate, Bachelor, Master, Ph.D.
Murray State College	Public	Tishomingo	Johnston	Southern	Associate
Murray State College	Public	Ardmore	Carter	Southern	Associate
Northeastern Oklahoma A&M College	Public	Miami	Ottawa	Northeast	Associate, Certificate

Institution Name	Institution Type	City	County	WFDA	Degree Types
Northeastern State University	Public	Tahlequah	Cherokee	Green Country	Certificate, Bachelor, Master
Northeastern State University	Public	Broken Arrow	Tulsa	Green Country	Certificate, Bachelor, Master
Northeastern State University	Public	Muskogee	Muskogee	Green Country	Certificate, Bachelor, Master
Northern Oklahoma College	Public	Tonkawa	Kay	Western	Associate, Certificate
Northern Oklahoma College	Public	Enid	Garfield	Western	Associate, Certificate
Northern Oklahoma College	Public	Stillwater	Payne	Western	Associate, Certificate
Northwestern Oklahoma State University	Public	Alva	Woods	Western	Bachelor, Master, Ph.D.
Northwestern Oklahoma State University	Public	Enid	Garfield	Western	Bachelor, Master, Ph.D.
Northwestern Oklahoma State University	Public	Woodward	Woodward	Western	Bachelor, Master, Ph.D.
Oklahoma City Community College	Public	Oklahoma City	Oklahoma	Central	Associate, Certificate
Oklahoma Panhandle State University	Public	Goodwell	Texas	Western	Associate, Bachelor, Certificate
Oklahoma State University	Public	Stillwater	Payne	Western	Bachelor, Master, Ph.D.
Oklahoma State University	Public	Oklahoma City	Oklahoma	Central	Bachelor, Master, Ph.D.
Oklahoma State University	Public	Tulsa	Tulsa	Green Country	Bachelor, Master, Ph.D.

Institution Name	Institution Type	City	County	WFDA	Degree Types
Oklahoma State University Center for Health Sciences	Public	Tulsa	Tulsa	Green Country	M.D, Master, Ph.D., Graduate Certificate
Oklahoma State University Institute of Technology	Public	Okmulgee	Okmulgee	Green Country	Associate, Bachelor
Oklahoma State University Oklahoma City	Public	Oklahoma City	Oklahoma	Central	Associate, Certificate
Redlands Community College	Public	El Reno	Canadian	Central	Associate
Rogers State University	Public	Claremore	Rogers	Northeast	Certificate, Associate, Bachelor, Master, Ph.D.
Rogers State University	Public	Bartlesville	Washington	Northeast	Certificate, Associate, Bachelor, Master, Ph.D.
Rogers State University	Public	Pryor	Mayes	Northeast	Certificate, Associate, Bachelor, Master, Ph.D.
Rose State College	Public	Midwest City	Oklahoma	Central	Associate
Seminole State College	Public	Seminole	Seminole	Central	Certificate, Associate
Southeastern Oklahoma State University	Public	Durant	Bryan	Southern	Bachelor, Master
Southeastern Oklahoma State University	Public	Idabel	McCurtain	Southern	Bachelor, Master
Southeastern Oklahoma	Public	Weatherford	Custer	Western	Bachelor, Master

Institution Name	Institution Type	City	County	WFDA	Degree Types
State University					
Southwestern Oklahoma State University	Public	Sayre	Beckham	Western	Bachelor, Master
Southwestern Oklahoma State University	Public	Weatherford	Custer	Western	Bachelor, Master, Associate, Ph.D.
Tulsa Community College	Public	Tulsa	Tulsa	Green Country	Associate, Certificate
University Center at Ponca City	Public	Ponca City	Kay	Western	Associate, Bachelor, Master, Ph.D.
University Center of Southern Oklahoma	Public	Ardmore	Carter	Southern	Associate, Bachelor
University of Central Oklahoma	Public	Edmond	Oklahoma	Central	Bachelor, Master, Ph.D., Graduate Certificate
University of Oklahoma	Public	Norman	Cleveland	Central	Bachelor, Master, Ph.D., Graduate Certificate
University of Oklahoma	Public	Tulsa	Tulsa	Green Country	Bachelor, Master, Ph.D., Graduate Certificate
University of Oklahoma Health Sciences Center	Public	Oklahoma City	Oklahoma	Central	Residency
University of Science and Arts of Oklahoma	Public	Chickasha	Grady	South Central	Bachelor

Institution Name	Institution Type	City	County	WFDA	Degree Types
Western Oklahoma State College	Public	Altus	Jackson	Western	associate, Certificate
Central Oklahoma College	For Profit	Oklahoma City	Oklahoma	Central	certificate
Community Care College	Private Non-Profit	Tulsa	Tulsa	Green Country	Associate, Certificate
Mid-America Christian University	Private Non-Profit	Oklahoma City	Oklahoma	Central	Associate, Bachelor, Master, Certificate
Oklahoma Baptist University	Private Non-Profit	Shawnee	Pottawatomie	Central	Bachelor, Master
Oklahoma Christian University	Private Non-Profit	Oklahoma City	Oklahoma	Central	Bachelor, Master, Certificate
Oklahoma City University	Private Non-Profit	Oklahoma City	Oklahoma	Central	Bachelor, Master, Ph.D., JD
Oklahoma Technical College	Non-traditional nonprofit	Tulsa	Tulsa	Green Country	Certificate
Oklahoma Wesleyan University	Private Non-Profit	Bartlesville	Washington	Northeast	Associate, Bachelor, Master, Ph.D., Certificate
Oral Roberts University	Private Non-Profit	Tulsa	Tulsa	Green Country	Bachelor, Master, Ph.D., Graduate Certificate
Phillips Theological Seminary	Private Non-Profit	Tulsa	Tulsa	Green Country	Master, Ph.D.
Platt College	Private For Profit	Oklahoma City	Oklahoma	Central	Certificates
Randall University	Private Non-Profit	Moore	Cleveland	Central	Associate, Bachelor, Master
Southern Nazarene University	Private Non-Profit	Bethany	Oklahoma	Central	Bachelor, Master, Ph.D.

Institution Name	Institution Type	City	County	WFDA	Degree Types
Southwestern Christian University	Private Non-Profit	Bethany	Oklahoma	Central	Bachelor, Master
Spartan College of Aeronautics and Technology	Private For-Profit	Tulsa	Tulsa	Green Country	Associate, Bachelor
The University of Tulsa	Private Non-Profit	Tulsa	Tulsa	Green Country	Bachelor, Master, Ph.D., Graduate Certificate
Tulsa Welding School	Private For-Profit	Tulsa	Tulsa	Green Country	Associate, Certificate
University of Phoenix	Private For Profit	Oklahoma City	Oklahoma	Central	Bachelor, Master
University of Phoenix	Private For Profit	Tulsa	Tulsa	Green Country	Bachelor, Master
Autry Technology Center	Technical School	Enid	Garfield	Western	Certificate
Caddo Kiowa Technology Center	Technical School	Fort Cobb	Caddo	South Central	Certificate
Canadian Valley Technology Center	Technical School	Yukon	Canadian	Central	Certificate
Canadian Valley Technology Center	Technical School	Chickasha	Grady	South Central	Certificate
Canadian Valley Technology Center	Technical School	El Reno	Canadian	Central	Certificate
Central Technology Center	Technical School	Drumright	Creek/Payne	Green Country/Western	Certificate
Central Technology Center	Technical School	Sapulpa	Creek	Green Country	Certificate
Chisholm Trail Technology Center	Technical School	Omega	Kingfisher	Western	Certificate

Institution Name	Institution Type	City	County	WFDA	Degree Types
Eastern Oklahoma County Technology Center	Technical School	Choctaw	Oklahoma	Central	Certificate
Francis Tuttle Technology Center	Technical School	3 Campuses in Oklahoma City	Oklahoma	Central	Certificate
Gordon Cooper Technology Center	Technical School	Shawnee	Pottawatomie	Central	Certificate
Great Plains Technology Center	Technical School	Lawton	Comanche	South Central	Certificate
Great Plains Technology Center	Technical School	Frederick	Tillman	South Central	Certificate
Green Country Technology Center	Technical School	Okmulgee	Okmulgee	Green Country	Certificate
High Plains Technology Center	Technical School	Woodward	Woodward	Western	Certificate
Indian Capital Technology Center	Technical School	Muskogee	Muskogee	Green Country	Certificate
Indian Capital Technology Center	Technical School	Sallisaw	Sequoyah	Green Country	Certificate
Indian Capital Technology Center	Technical School	Stilwell	Adair	Green Country	Certificate
Indian Capital Technology Center	Technical School	Tahlequah	Cherokee	Green Country	Certificate
Kiamichi Technology Center	Technical School	Antlers	Pushmataha	Southern	Certificate
Kiamichi Technology Center	Technical School	Atoka	Atoka	Southern	Certificate
Kiamichi Technology Center	Technical School	Durant	Bryan	Southern	Certificate

Institution Name	Institution Type	City	County	WFDA	Degree Types
Kiamichi Technology Center	Technical School	Hugo	Choctaw	Southern	Certificate
Kiamichi Technology Center	Technical School	Idabel	McCurtain	Southern	Certificate
Kiamichi Technology Center	Technical School	McAlester	Pittsburg	Southern	Certificate
Kiamichi Technology Center	Technical School	Poteau	Le Flore	Southern	Certificate
Kiamichi Technology Center	Technical School	Spiro	Le Flore	Southern	Certificate
Kiamichi Technology Center	Technical School	Stigler	Haskell	Southern	Certificate
Kiamichi Technology Center	Technical School	Talihina	Le Flore	Southern	Certificate
Meridian Technology Center	Technical School	Stillwater	Payne	Western	Certificate
Metro Tech Technology Center	Technical School	4 Oklahoma City Locations	Oklahoma	Central	Certificate
Mid-America Technology Center	Technical School	Wayne	McClain	South Central	Certificate
Mid-Del Technology Center	Technical School	Midwest City	Oklahoma	Central	Certificate
Moore Norman Technology Center	Technical School	Norman	Cleveland	Central	Certificate
Moore Norman Technology Center	Technical School	Oklahoma City	Oklahoma	Central	Certificate
Northeast Technology Center	Technical School	Afton	Ottawa	Northeast	Certificate
Northeast Technology Center	Technical School	Claremore	Rogers	Northeast	Certificate

Institution Name	Institution Type	City	County	WFDA	Degree Types
Northeast Technology Center	Technical School	Kansas	Delaware	Northeast	Certificate
Northeast Technology Center	Technical School	Pryor	Mayes	Northeast	Certificate
Northwest Technology Center	Technical School	Alva	Woods	Western	Certificate
Northwest Technology Center	Technical School	Fairview	Major	Western	Certificate
Pioneer Technology Center	Technical School	Ponca City	Kay	Western	Certificate
Pontotoc Technology Center	Technical School	Ada	Pontotoc	Southern	Certificate
Red River Technology Center	Technical School	Duncan	Stephens	South Central	Certificate
Southern Oklahoma Technology Center	Technical School	Ardmore	Carter	Southern	Certificate
Southwest Technology Center	Technical School	Altus	Jackson	Western	Certificate
Tri County Technology Center	Technical School	Bartlesville	Washington	Northeast	Certificate
Tulsa Technology Center	Technical School	Broken Arrow	Tulsa/Wagoner	Green Country	Certificate
Tulsa Technology Center	Technical School	Owasso	Tulsa/Rogers	Green Country	Certificate
Tulsa Technology Center	Technical School	Sand Springs	Osage/Tulsa	Green Country	Certificate
Tulsa Technology Center	Technical School	Memorial Tulsa	Tulsa	Green Country	Certificate
Tulsa Technology Center	Technical School	Riverside Tulsa	Tulsa	Green Country	Certificate

Institution Name	Institution Type	City	County	WFDA	Degree Types
Tulsa Technology Center	Technical School	Peoria Tulsa	Tulsa	Green Country	Certificate
Wes Watkins Technology Center	Technical School	Wetumka	Hughes	Central	Certificate
Western Technology Center	Technical School	Burns Flat	Washita	Western	Certificate
Western Technology Center	Technical School	Elk City	Beckham	Western	Certificate
Western Technology Center	Technical School	Hobart Sayre	Kiowa	Western	Certificate
Western Technology Center	Technical School	Weatherford	Custer	Western	Certificate

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

Table 12: Labor Force Participation by County

Area	June 2021	June 2022	Total Change
State of Oklahoma	61.4%	61.0%	-0.4%
Adair County	58.1%	58.7%	0.6%
Alfalfa County	74.1%	69.5%	-4.6%
Atoka County	50.3%	48.5%	-1.8%
Beaver County	69.0%	65.8%	-3.2%
Beckham County	67.3%	64.2%	-3.2%
Blaine County	82.5%	81.0%	-1.5%
Bryan County	60.1%	59.4%	-0.7%
Caddo County	62.4%	61.0%	-1.5%
Canadian County	64.3%	63.6%	-0.7%
Carter County	59.4%	58.1%	-1.3%
Cherokee County	53.1%	52.1%	-1.0%
Choctaw County	54.7%	54.3%	-0.4%
Cimarron County	87.4%	88.0%	0.6%
Cleveland County	61.4%	61.9%	0.4%
Coal County	54.6%	52.5%	-2.1%
Comanche County	59.1%	57.3%	-1.8%
Cotton County	66.1%	62.1%	-4.0%
Craig County	54.7%	54.5%	-0.2%
Creek County	56.2%	56.5%	0.3%
Custer County	72.1%	71.6%	-0.5%
Delaware County	57.6%	56.3%	-1.3%
Dewey County	81.5%	82.7%	1.2%
Ellis County	70.9%	70.1%	-0.8%
Garfield County	59.7%	58.9%	-0.7%
Garvin County	64.7%	61.9%	-2.8%
Grady County	61.5%	62.0%	0.4%
Grant County	89.3%	89.2%	-0.1%
Greer County	54.1%	51.3%	-2.8%
Harmon County	66.8%	64.1%	-2.7%
Harper County	70.5%	69.6%	-0.9%
Haskell County	45.8%	43.1%	-2.8%
Hughes County	55.0%	52.3%	-2.7%
Jackson County	61.4%	61.2%	-0.2%
Jefferson County	61.2%	59.6%	-1.5%
Johnston County	45.4%	44.9%	-0.4%
Kay County	56.3%	55.0%	-1.3%
Kingfisher County	76.0%	76.9%	0.9%
Kiowa County	56.5%	55.3%	-1.2%
Latimer County	42.6%	41.6%	-1.0%
Le Flore County	52.9%	52.8%	-0.1%

Area	June 2021	June 2022	Total Change
Lincoln County	60.0%	60.3%	0.3%
Logan County	56.3%	56.4%	0.1%
Love County	76.8%	74.7%	-2.1%
Major County	63.8%	61.2%	-2.6%
Marshall County	58.3%	59.2%	0.9%
Mayes County	64.1%	62.5%	-1.5%
McClain County	61.3%	61.0%	-0.3%
McCurtain County	68.5%	67.7%	-0.8%
McIntosh County	46.0%	45.4%	-0.6%
Murray County	59.7%	59.3%	-0.3%
Muskogee County	59.9%	57.1%	-2.8%
Noble County	65.0%	65.6%	0.6%
Nowata County	64.9%	64.1%	-0.8%
Okfuskee County	55.6%	55.0%	-0.6%
Oklahoma County	65.1%	65.0%	-0.1%
Okmulgee County	55.3%	55.6%	0.3%
Osage County	57.4%	58.3%	0.9%
Ottawa County	63.8%	65.0%	1.2%
Pawnee County	60.1%	60.1%	0.1%
Payne County	55.8%	55.0%	-0.8%
Pittsburg County	50.6%	48.6%	-2.0%
Pontotoc County	65.4%	63.6%	-1.9%
Pottawatomie County	58.6%	58.1%	-0.5%
Pushmataha County	53.4%	52.4%	-1.1%
Roger Mills County	67.7%	65.2%	-2.4%
Rogers County	59.9%	60.5%	0.7%
Seminole County	49.9%	49.6%	-0.4%
Sequoyah County	54.4%	54.3%	-0.1%
Stephens County	55.8%	55.2%	-0.6%
Texas County	74.7%	75.5%	0.8%
Tillman County	53.7%	50.3%	-3.5%
Tulsa County	63.7%	63.5%	-0.2%
Wagoner County	59.1%	58.9%	-0.2%
Washington County	55.8%	54.3%	-1.5%
Washita County	60.8%	59.2%	-1.7%
Woods County	74.0%	71.5%	-2.5%
Woodward County	60.1%	57.5%	-2.6%

Source: Lightcast- economicmodeling.com- 2022.3

Table 13: Median Earnings by County

Area	Median Earnings
State of Oklahoma	\$ 34,460
Adair County	\$ 26,868
Alfalfa County	\$ 30,903
Atoka County	\$ 29,615
Beaver County	\$ 31,797
Beckham County	\$ 30,586
Blaine County	\$ 33,310
Bryan County	\$ 31,301
Caddo County	\$ 30,387
Canadian County	\$ 41,612
Carter County	\$ 33,227
Cherokee County	\$ 29,281
Choctaw County	\$ 29,969
Cimarron County	\$ 33,794
Cleveland County	\$ 35,355
Coal County	\$ 30,915
Comanche County	\$ 30,058
Cotton County	\$ 32,841
Craig County	\$ 27,315
Creek County	\$ 38,139
Custer County	\$ 30,488
Delaware County	\$ 28,680
Dewey County	\$ 32,546
Ellis County	\$ 27,036
Garfield County	\$ 32,766
Garvin County	\$ 35,360
Grady County	\$ 38,425
Grant County	\$ 38,175
Greer County	\$ 26,843
Harmon County	\$ 30,897
Harper County	\$ 30,061
Haskell County	\$ 30,366
Hughes County	\$ 29,199
Jackson County	\$ 31,973
Jefferson County	\$ 27,682
Johnston County	\$ 32,556
Kay County	\$ 29,884
Kingfisher County	\$ 38,306
Kiowa County	\$ 28,699
Latimer County	\$ 28,581
Le Flore County	\$ 27,700
Lincoln County	\$ 34,691
Logan County	\$ 38,403
Love County	\$ 32,636

Area	Median Earnings
Major County	\$ 34,819
Marshall County	\$ 31,553
Mayes County	\$ 33,331
McClain County	\$ 42,028
McCurtain County	\$ 29,136
McIntosh County	\$ 30,626
Murray County	\$ 34,780
Muskogee County	\$ 31,450
Noble County	\$ 35,923
Nowata County	\$ 31,424
Okfuskee County	\$ 30,137
Oklahoma County	\$ 35,357
Okmulgee County	\$ 30,030
Osage County	\$ 32,973
Ottawa County	\$ 27,599
Pawnee County	\$ 36,171
Payne County	\$ 21,656
Pittsburg County	\$ 31,291
Pontotoc County	\$ 36,301
Pottawatomie County	\$ 31,533
Pushmataha County	\$ 26,946
Roger Mills County	\$ 37,025
Rogers County	\$ 38,659
Seminole County	\$ 28,166
Sequoyah County	\$ 29,250
Stephens County	\$ 33,466
Texas County	\$ 29,926
Tillman County	\$ 29,580
Tulsa County	\$ 36,016
Wagoner County	\$ 39,518
Washington County	\$ 32,824
Washita County	\$ 35,913
Woods County	\$ 25,618
Woodward County	\$ 34,641

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

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
31121	Flour Milling and Malt Manufacturing

NAICS Industry Description

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
33911	Medical Equipment and Supplies Manufacturing

NAICS Industry Description

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
52222	Sales Financing

NAICS Industry Description

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
33639	Other Motor Vehicle Parts Manufacturing

NAICS Industry Description

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
42411	Printing and Writing Paper Merchant Wholesalers

NAICS Industry Description

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
48611	Pipeline Transportation of Crude Oil

NAICS Industry Description

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
-------	---

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
31199	All Other Food Manufacturing
31211	Soft Drink and Ice Manufacturing

NAICS Industry Description

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
32419	Other Petroleum and Coal Products Manufacturing
32511	Petrochemical Manufacturing

NAICS Industry Description

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
33141	Nonferrous Metal (except Aluminum) Smelting and Refining
33142	Copper Rolling, Drawing, Extruding, and Alloying

NAICS Industry Description

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
33531	Electrical Equipment Manufacturing
33591	Battery Manufacturing

NAICS Industry Description

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
23799	Other Heavy and Civil Engineering Construction
23811	Poured Concrete Foundation and Structure Contractors

NAICS Industry Description

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
62331	Continuing Care Retirement Communities and Assisted Living Facilities for the Elderly
62399	Other Residential Care Facilities

NAICS Industry Description

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
54143	Graphic Design Services
54149	Other Specialized Design Services
54181	Advertising Agencies

NAICS Industry Description

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 16: 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
15-1252	Software Developers	2,452	2,957	505	21%	3.5%	\$45.85	Bachelor's degree	None	None
11-1021	General and Operations Managers	2,413	2,572	159	7%	3.4%	\$37.57	Bachelor's degree	5 years or more	None
49-3011	Aircraft Mechanics and Service Technicians	2,341	2,443	102	4%	3.3%	\$28.62	Postsecondary nondegree award	None	None
51-4041	Machinists	1,914	1,972	58	3%	2.7%	\$22.73	High school diploma or equivalent	None	Long-term on-the-job training
51-9161	Computer Numerically Controlled Tool Operators	1,853	1,797	-56	-3%	2.6%	\$18.09	High school diploma or equivalent	None	Moderate-term on-the-job training
51-4121	Welders, Cutters, Solderers, and Brazers	1,769	1,762	-7	0%	2.5%	\$22.32	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	1,364	1,319	-45	-3%	1.9%	\$21.80	High school diploma or equivalent	None	Moderate-term on-the-job training
13-1082	Project Management Specialists	1,344	1,411	68	5%	1.9%	\$37.30	Bachelor's degree	None	None
51-1011	First-Line Supervisors of Production and Operating Workers	1,284	1,313	29	2%	1.8%	\$29.58	High school diploma or equivalent	Less than 5 years	None
41-3091	Sales Representatives of Services, Except Advertising, Insurance, Financial Services, and Travel	1,221	1,332	110	9%	1.7%	\$23.01	High school diploma or equivalent	None	Moderate-term on-the-job training

Source: Lightcast- economicmodeling.com- 2022.3

Table 17: 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	2,452	2,957	505	21%	3.5%	\$45.85	Bachelor's degree	None	None
11-1021	General and Operations Managers	2,413	2,572	159	7%	3.4%	\$37.57	Bachelor's degree	5 years or more	None
49-9041	Industrial Machinery Mechanics	797	953	156	20%	1.1%	\$27.89	High school diploma or equivalent	None	Long-term on-the-job training
13-1111	Management Analysts	987	1,142	155	16%	1.4%	\$37.80	Bachelor's degree	Less than 5 years	None
13-1161	Market Research Analysts and Marketing Specialists	1,023	1,159	136	13%	1.5%	\$23.92	Bachelor's degree	None	None
13-1081	Logisticians	594	730	136	23%	0.8%	\$37.25	Bachelor's degree	None	None
17-2112	Industrial Engineers	718	843	125	17%	1.0%	\$39.25	Bachelor's degree	None	None
15-1232	Computer User Support Specialists	1,182	1,306	124	10%	1.7%	\$22.80	Some college, no degree	None	None

SOC	Description	Employed in Industry Group (2021)	Employed in Industry Group (2026)	Change (2021 - 2026)	% Change (2021 - 2026)	% of Total Jobs in Industry Group (2021)	Median Hourly Earnings	Typical Entry Level Education	Work Experience Required	Typical On-The-Job Training
41-3091	Sales Representatives of Services, Except Advertising, Insurance, Financial Services, and Travel	1,221	1,332	110	9%	1.7%	\$23.01	High school diploma or equivalent	None	Moderate-term on-the-job training
49-3011	Aircraft Mechanics and Service Technicians	2,341	2,443	102	4%	3.3%	\$28.62	Postsecondary nondegree award	None	None

Source: Lightcast- economicmodeling.com- 2022.3

Table 3: 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	3,015	3,215	200	7%	4.3%	\$14.39	No formal educational credential	None	Short-term on-the-job training
45-2092	Farmworkers and Laborers, Crop, Nursery, and Greenhouse	3,012	3,378	366	12%	4.3%	\$12.37	No formal educational credential	None	Short-term on-the-job training
11-9013	Farmers, Ranchers, and Other Agricultural Managers	2,130	2,205	75	4%	3.0%	\$17.54	High school diploma or equivalent	5 years or more	None
51-9111	Packaging and Filling Machine Operators and Tenders	1,832	1,988	157	9%	2.6%	\$14.43	High school diploma or equivalent	None	Moderate-term on-the-job training
51-3023	Slaughterers and Meat Packers	1,804	1,996	192	11%	2.6%	\$17.63	No formal educational credential	None	Short-term on-the-job training
45-2093	Farmworkers, Farm, Ranch, and	1,655	1,701	46	3%	2.4%	\$11.66	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
	Aquacultural Animals									
51-1011	First-Line Supervisors of Production and Operating Workers	1,626	1,754	128	8%	2.3%	\$29.58	High school diploma or equivalent	Less than 5 years	None
41-4012	Sales Representative, Wholesale and Manufacturing, Except Technical and Scientific Products	1,544	1,671	127	8%	2.2%	\$23.30	High school diploma or equivalent	None	Moderate-term on-the-job training
53-3032	Heavy and Tractor-Trailer Truck Drivers	1,543	1,648	105	7%	2.2%	\$22.95	Postsecondary nondegree award	None	Short-term on-the-job training
31-9096	Veterinary Assistants and Laboratory Animal Caretakers	1,472	1,555	83	6%	2.1%	\$13.74	High school diploma or equivalent	None	Short-term on-the-job training

Source: Lightcast- economicmodeling.com- 2022.3

Table 19: 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	3,012	3,378	366	12%	4.3%	\$12.37	No formal educational credential	None	Short-term on-the-job training
53-7062	Laborers and Freight, Stock, and Material Movers, Hand	3,015	3,215	200	7%	4.3%	\$14.39	No formal educational credential	None	Short-term on-the-job training
51-3023	Slaughterers and Meat Packers	1,804	1,996	192	11%	2.6%	\$17.63	No formal educational credential	None	Short-term on-the-job training
51-9111	Packaging and Filling Machine Operators and Tenders	1,832	1,988	157	9%	2.6%	\$14.43	High school diploma or equivalent	None	Moderate-term on-the-job training
51-1011	First-Line Supervisors of Production and Operating Workers	1,626	1,754	128	8%	2.3%	\$29.58	High school diploma or equivalent	Less than 5 years	None
41-4012	Sales Representatives, Wholesale and Manufacturing,	1,544	1,671	127	8%	2.2%	\$23.30	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
	Except Technical and Scientific Products							diploma or equivalent		the-job training
49-9041	Industrial Machinery Mechanics	554	665	112	20%	0.8%	\$27.89	High school diploma or equivalent	None	Long-term on-the-job training
51-3011	Bakers	837	945	109	13%	1.2%	\$12.90	No formal educational credential	None	Long-term on-the-job training
53-3032	Heavy and Tractor-Trailer Truck Drivers	1,543	1,648	105	7%	2.2%	\$22.95	Postsecondary nondegree award	None	Short-term on-the-job training
29-2018	Clinical Laboratory Technologists and Technicians	896	1,000	104	12%	1.3%	\$22.59	Bachelor's degree	None	None

Source: Lightcast- economicmodeling.com- 2022.3

Table 20: 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	3,176	2,681	-494	-16%	4.4%	\$22.32	High school diploma or equivalent	None	Moderate-term on-the-job training
47-5071	Roustabouts, Oil and Gas	2,999	2,224	-775	-26%	4.1%	\$18.19	No formal educational credential	None	Moderate-term on-the-job training
47-1011	First-Line Supervisors of Construction Trades and Extraction Workers	2,458	1,998	-460	-19%	3.4%	\$29.99	High school diploma or equivalent	5 years or more	None
51-2098	Miscellaneous Assemblers and Fabricators	2,005	1,596	-409	-20%	2.8%	\$17.80	High school diploma or equivalent	None	Moderate-term on-the-job training
51-8093	Petroleum Pump System Operators, Refinery Operators, and Gaugers	1,991	1,923	-68	-3%	2.7%	\$37.05	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
11-1021	General and Operations Managers	1,914	1,690	-224	-12%	2.6%	\$37.57	Bachelor's degree	5 years or more	None
49-9051	Electrical Power-Line Installers and Repairers	1,863	1,947	84	5%	2.6%	\$29.98	High school diploma or equivalent	None	Long-term on-the-job training
47-5013	Service Unit Operators, Oil and Gas	1,788	1,301	-487	-27%	2.5%	\$23.09	No formal educational credential	None	Moderate-term on-the-job training
51-1011	First-Line Supervisors of Production and Operating Workers	1,740	1,532	-208	-12%	2.4%	\$29.58	High school diploma or equivalent	Less than 5 years	None
47-2061	Construction Laborers	1,603	1,528	-74	-5%	2.2%	\$17.35	No formal educational credential	None	Short-term on-the-job training

Source: Lightcast- economicmodeling.com- 2022.3

Table 21: 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	433	618	184	43%	0.6%	\$22.84	Postsecondary nondegree award	None	Long-term on-the-job training
49-9051	Electrical Power-Line Installers and Repairers	1,863	1,947	84	5%	2.6%	\$29.98	High school diploma or equivalent	None	Long-term on-the-job training
49-9052	Telecommunications Line Installers and Repairers	235	282	48	20%	0.3%	\$23.98	High school diploma or equivalent	None	Long-term on-the-job training
47-5044	Loading and Moving Machine Operators, Underground Mining	115	137	22	19%	0.2%	\$18.30	No formal educational credential	None	Short-term on-the-job training
49-2021	Radio, Cellular, and Tower Equipment Installers and Repairers	72	81	9	13%	0.1%	\$22.85	Associate'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
47-5023	Earth Drillers, Except Oil and Gas	47	52	5	10%	0.1%	\$18.19	High school diploma or equivalent	Less than 5 years	Long-term on-the-job training
49-2022	Telecommunications Equipment Installers and Repairers, Except Line Installers	22	26	3	15%	0.0%	\$23.21	Postsecondary nondegree award	None	Moderate-term on-the-job training
51-8091	Chemical Plant and System Operators	40	44	3	8%	0.1%	\$39.65	High school diploma or equivalent	None	Moderate-term on-the-job training
49-9044	Millwrights	13	14	1	10%	0.0%	\$29.11	High school diploma or equivalent	None	Apprenticeship
15-1212	Information Security Analysts	48	49	1	2%	0.1%	\$38.39	Bachelor's degree	Less than 5 years	None

Source: Lightcast- economicmodeling.com- 2022.3

Table 22: 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	7,190	7,822	633	9%	6.7%	\$34.29	Bachelor's degree	None	None
43-3071	Tellers	6,379	5,627	-752	-12%	6.0%	\$14.09	High school diploma or equivalent	None	Short-term on-the-job training
43-4051	Customer Service Representatives	5,856	5,674	-182	-3%	5.5%	\$14.44	High school diploma or equivalent	None	Short-term on-the-job training
43-3031	Bookkeeping, Accounting, and Auditing Clerks	4,379	4,432	53	1%	4.1%	\$18.06	Some college, no degree	None	Moderate-term on-the-job training
13-2072	Loan Officers	3,930	3,802	-129	-3%	3.7%	\$28.90	Bachelor's degree	Less than 5 years	Moderate-term on-the-job training
43-1011	First-Line Supervisors of Office and Administrative Support Workers	3,458	3,334	-124	-4%	3.2%	\$23.43	High school diploma or equivalent	Less than 5 years	None
15-1252	Software Developers	3,437	4,007	570	17%	3.2%	\$45.85	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
43-4131	Loan Interviewers and Clerks	3,234	3,024	-210	-6%	3.0%	\$17.90	High school diploma or equivalent	None	Short-term on-the-job training
11-1021	General and Operations Managers	3,200	3,369	169	5%	3.0%	\$37.57	Bachelor's degree	5 years or more	None
11-3031	Financial Managers	2,883	3,185	302	10%	2.7%	\$55.79	Bachelor's degree	5 years or more	None

Source: Lightcast- economicmodeling.com- 2022.3

Table 23: 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	7,190	7,822	633	9%	6.7%	\$34.29	Bachelor's degree	None	None
15-1252	Software Developers	3,437	4,007	570	17%	3.2%	\$45.85	Bachelor's degree	None	None
11-3031	Financial Managers	2,883	3,185	302	10%	2.7%	\$55.79	Bachelor's degree	5 years or more	None
11-1021	General and Operations Managers	3,200	3,369	169	5%	3.0%	\$37.57	Bachelor's degree	5 years or more	None
13-1161	Market Research Analysts and Marketing Specialists	1,540	1,700	160	10%	1.4%	\$23.92	Bachelor's degree	None	None
13-1071	Human Resources Specialists	1,051	1,176	125	12%	1.0%	\$23.86	Bachelor's degree	None	None
15-1232	Computer User Support Specialists	2,108	2,230	122	6%	2.0%	\$22.80	Some college, no degree	None	None
13-1111	Management Analysts	1,152	1,268	116	10%	1.1%	\$37.80	Bachelor's degree	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
15-1212	Information Security Analysts	589	696	107	18%	0.6%	\$38.39	Bachelor's degree	Less than 5 years	None
13-2082	Tax Preparers	1,170	1,274	105	9%	1.1%	\$17.02	High school diploma or equivalent	None	Moderate-term on-the-job training

Source: Lightcast- economicmodeling.com- 2022.3

Table 24: 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	8,122	7,584	-538	-7%	6.3%	\$17.80	High school diploma or equivalent	None	Moderate-term on-the-job training
51-4121	Welders, Cutters, Solderers, and Brazers	6,881	6,562	-319	-5%	5.4%	\$22.32	High school diploma or equivalent	None	Moderate-term on-the-job training
51-1011	First-Line Supervisors of Production and Operating Workers	6,202	6,297	95	2%	4.8%	\$29.58	High school diploma or equivalent	Less than 5 years	None
53-7062	Laborers and Freight, Stock, and Material Movers, Hand	4,059	4,240	181	4%	3.2%	\$14.39	No formal educational credential	None	Short-term on-the-job training
51-9061	Inspectors, Testers, Sorters, Samplers, and Weighers	3,706	3,546	-160	-4%	2.9%	\$21.80	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
51-9161	Computer Numerically Controlled Tool Operators	3,546	3,334	-212	-6%	2.8%	\$18.09	High school diploma or equivalent	None	Moderate-term on-the-job training
51-4041	Machinists	3,519	3,500	-19	-1%	2.7%	\$22.73	High school diploma or equivalent	None	Long-term on-the-job training
43-5071	Shipping, Receiving, and Inventory Clerks	2,615	2,521	-94	-4%	2.0%	\$14.59	High school diploma or equivalent	None	Short-term on-the-job training
11-1021	General and Operations Managers	2,346	2,406	60	3%	1.8%	\$37.57	Bachelor's degree	5 years or more	None
51-9111	Packaging and Filling Machine Operators and Tenders	2,132	2,293	162	8%	1.7%	\$14.43	High school diploma or equivalent	None	Moderate-term on-the-job training

Source: Lightcast- economicmodeling.com- 2022.3

Table 25: 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	1,621	1,849	228	14%	1.3%	\$27.89	High school diploma or equivalent	None	Long-term on-the-job training
51-3023	Slaughterers and Meat Packers	1,794	1,986	191	11%	1.4%	\$17.63	No formal educational credential	None	Short-term on-the-job training
53-7062	Laborers and Freight, Stock, and Material Movers, Hand	4,059	4,240	181	4%	3.2%	\$14.39	No formal educational credential	None	Short-term on-the-job training
17-2112	Industrial Engineers	1,420	1,590	170	12%	1.1%	\$39.25	Bachelor's degree	None	None
51-9111	Packaging and Filling Machine Operators and Tenders	2,132	2,293	162	8%	1.7%	\$14.43	High school diploma or equivalent	None	Moderate-term on-the-job training
13-1081	Logisticians	641	757	116	18%	0.5%	\$37.25	Bachelor's degree	None	None
15-1252	Software Developers	678	790	112	17%	0.5%	\$45.85	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
51-3011	Bakers	815	922	107	13%	0.6%	\$12.90	No formal educational credential	None	Long-term on-the-job training
49-3011	Aircraft Mechanics and Service Technicians	790	887	96	12%	0.6%	\$28.62	Postsecondary nondegree award	None	None
51-1011	First-Line Supervisors of Production and Operating Workers	6,202	6,297	95	2%	4.8%	\$29.58	High school diploma or equivalent	Less than 5 years	None

Source: Lightcast- economicmodeling.com- 2022.3

Table 26: 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	15,185	15,595	411	3%	12.4%	\$22.95	Postsecondary nondegree award	None	Short-term on-the-job training
53-7062	Laborers and Freight, Stock, and Material Movers, Hand	10,683	11,786	1,102	10%	8.7%	\$14.39	No formal educational credential	None	Short-term on-the-job training
53-7065	Stockers and Order Fillers	9,014	10,245	1,231	14%	7.4%	\$14.32	High school diploma or equivalent	None	Short-term on-the-job training
41-4012	Sales Representatives, Wholesale and Manufacturing, Except Technical and Scientific Products	6,250	6,611	361	6%	5.1%	\$23.30	High school diploma or equivalent	None	Moderate-term on-the-job training
53-7051	Industrial Truck and Tractor Operators	5,254	6,296	1,042	20%	4.3%	\$18.31	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
41-4011	Sales Representatives, Wholesale and Manufacturing, Technical and Scientific Products	4,082	4,020	-61	-2%	3.3%	\$29.11	Bachelor's degree	None	Moderate-term on-the-job training
11-1021	General and Operations Managers	3,413	3,544	131	4%	2.8%	\$37.57	Bachelor's degree	5 years or more	None
43-5071	Shipping, Receiving, and Inventory Clerks	3,097	3,189	92	3%	2.5%	\$14.59	High school diploma or equivalent	None	Short-term on-the-job training
53-3033	Light Truck Drivers	2,749	2,841	92	3%	2.3%	\$17.16	High school diploma or equivalent	None	Short-term on-the-job training
43-4051	Customer Service Representatives	2,708	2,708	0	0%	2.2%	\$14.44	High school diploma or equivalent	None	Short-term on-the-job training

Source: Lightcast- economicmodeling.com- 2022.3

Table 27: 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	9,014	10,245	1,231	14%	7.4%	\$14.32	High school diploma or equivalent	None	Short-term on-the-job training
53-7062	Laborers and Freight, Stock, and Material Movers, Hand	10,683	11,786	1,102	10%	8.7%	\$14.39	No formal educational credential	None	Short-term on-the-job training
53-7051	Industrial Truck and Tractor Operators	5,254	6,296	1,042	20%	4.3%	\$18.31	No formal educational credential	None	Short-term on-the-job training
53-3032	Heavy and Tractor-Trailer Truck Drivers	15,185	15,595	411	3%	12.4%	\$22.95	Postsecondary nondegree award	None	Short-term on-the-job training
41-4012	Sales Representatives, Wholesale and Manufacturing, Except Technical and Scientific Products	6,250	6,611	361	6%	5.1%	\$23.30	High school diploma or equivalent	None	Moderate-term on-the-job training

SOC	Description	Employed in Industry Group (2021)	Employed in Industry Group (2026)	Change (2021 - 2026)	% Change (2021 - 2026)	% of Total Jobs in Industry Group (2021)	Median Hourly Earnings	Typical Entry Level Education	Work Experience Required	Typical On-The-Job Training
53-1047	First-Line Supervisors of Transportation and Material Moving Workers, Except Aircraft Cargo Handling Supervisors	2,582	2,800	218	8%	2.1%	\$25.21	High school diploma or equivalent	Less than 5 years	None
53-7064	Packers and Packagers, Hand	702	889	187	27%	0.6%	\$13.52	No formal educational credential	None	Short-term on-the-job training
11-1021	General and Operations Managers	3,413	3,544	131	4%	2.8%	\$37.57	Bachelor's degree	5 years or more	None
49-9071	Maintenance and Repair Workers, General	1,154	1,277	123	11%	0.9%	\$17.27	High school diploma or equivalent	None	Moderate-term on-the-job training
13-1081	Logisticians	520	623	103	20%	0.4%	\$37.25	Bachelor's degree	None	None

Source: Lightcast- economicmodeling.com- 2022.3