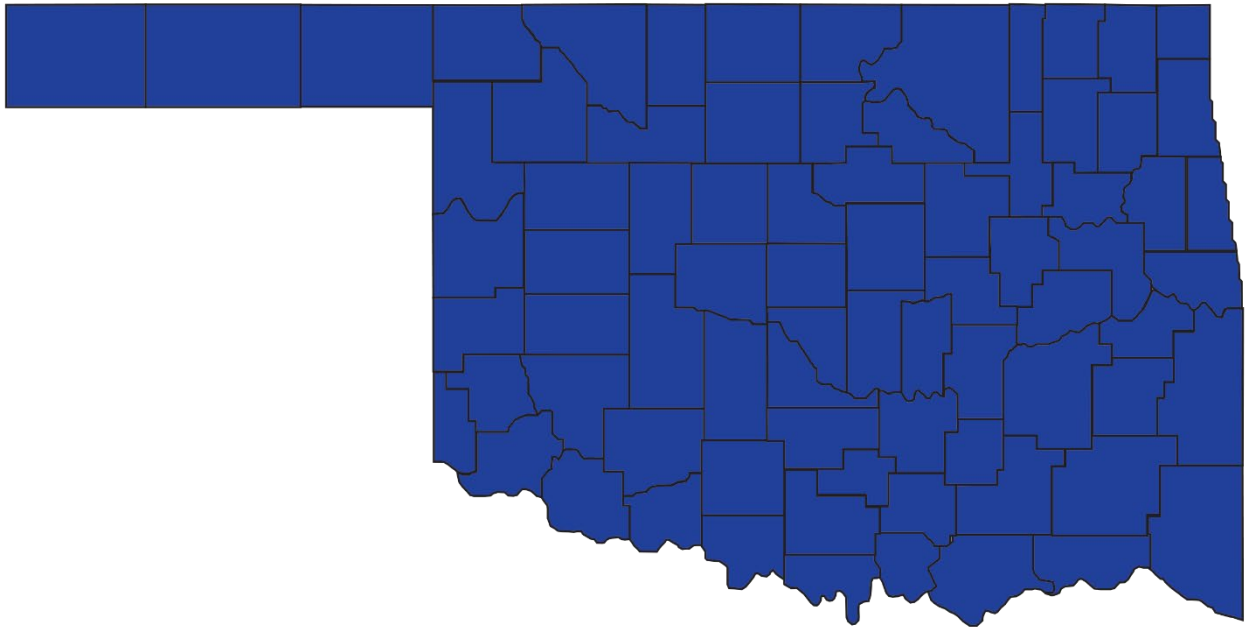


STATE OF OKLAHOMA



2021 WORKFORCE BRIEFING



TABLE OF CONTENTS

Introduction	5
Population Overview	5
<i>Population by WFDA.....</i>	<i>5</i>
<i>Population by County</i>	<i>6</i>
<i>Population by Race and Ethnicity</i>	<i>6</i>
<i>Hispanic Population.....</i>	<i>7</i>
<i>American Indian or Alaskan Native Population.....</i>	<i>8</i>
Education.....	9
<i>Educational Attainment.....</i>	<i>9</i>
<i>Educational Attainment Mismatch Analysis.....</i>	<i>10</i>
<i>Educational Assets.....</i>	<i>11</i>
Labor Force	11
<i>Labor Force Participation by County</i>	<i>11</i>
<i>Median Wage.....</i>	<i>12</i>
<i>Commuter Data.....</i>	<i>12</i>
Top Industries by Total Jobs.....	12
Target Sectors	13
<i>Target Sector Staffing Patterns</i>	<i>14</i>
Summary.....	15
Appendix.....	16
<i>County Level Tables</i>	<i>16</i>
<i>Target and Complementary NAICS Codes</i>	<i>35</i>
<i>Target Sectors Staffing Patterns by Current Jobs and Projected New Jobs</i>	<i>50</i>

Last Updated: 8/16/2021

TABLES

Table 1: Population by Race & Ethnicity.....	7
Table 2: Hispanic Population.....	7
Table 3: Top Industries by Total Jobs.....	13
Table 4: Target Sectors, 2021-2026 Growth.....	14
Table 5: Population Change, 2015-2020.....	16
Table 6: Projected Population Change, 2020-2025.....	18
Table 7: Educational Assets.....	21
Table 8: Labor Force Participation Rate by County.....	31
Table 9: Median Wage by County.....	33
Table 10: Top Staffed Aerospace Occupations in 2021.....	50
Table 11: Top Growing Aerospace Occupations by 2026.....	52
Table 12: Top Staffed Agribusiness & Bioscience Occupations in 2021.....	54
Table 13: Top Growing Agribusiness & Bioscience Occupations by 2026.....	56
Table 14: Top Staffed Energy Occupations in 2021.....	58
Table 15: Top Growing Energy Occupations by 2026.....	60
Table 16: Top Staffed Information and Financial Services Occupations in 2021.....	62
Table 17: Top Growing Information and Financial Services Occupations by 2026.....	64
Table 18: Top Staffed Manufacturing Occupations in 2021.....	66
Table 19: Top Growing Manufacturing Occupations by 2026.....	68
Table 20: Top Staffed Transportation and Logistics Occupations in 2021.....	70
Table 21: Top Growing Transportation and Logistics Occupations by 2026.....	72

FIGURES

Figure 1: Percentage of Population by Workforce Development Area	5
Figure 2: Population by Race and Ethnicity	6
Figure 3: Hispanic Population by Local Area	8
Figure 4: Native American or Alaskan Native by Local Area	8
Figure 5: Education Attainment Level	9
Figure 6: Education Attainment Level by Race/Ethnicity	10
Figure 7: Educational Attainment Mismatch Analysis	11
Figure 8: Total Local Area Commuter Patterns	12
Figure 9: Target and Complementary Sectors	14

Introduction

The future of Oklahoma depends upon a strong and capable workforce. Oklahoma employers 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 State of Oklahoma is home to nearly four million people. Oklahoma is comprised of 77 counties that make up six Workforce Development Areas (WFDAs). The purpose of this briefing is to examine the current and projected future status of the state, its residents, and workforce. The following briefing reviews the population, education, labor force, top industries by total jobs, and target and complementary sectors.

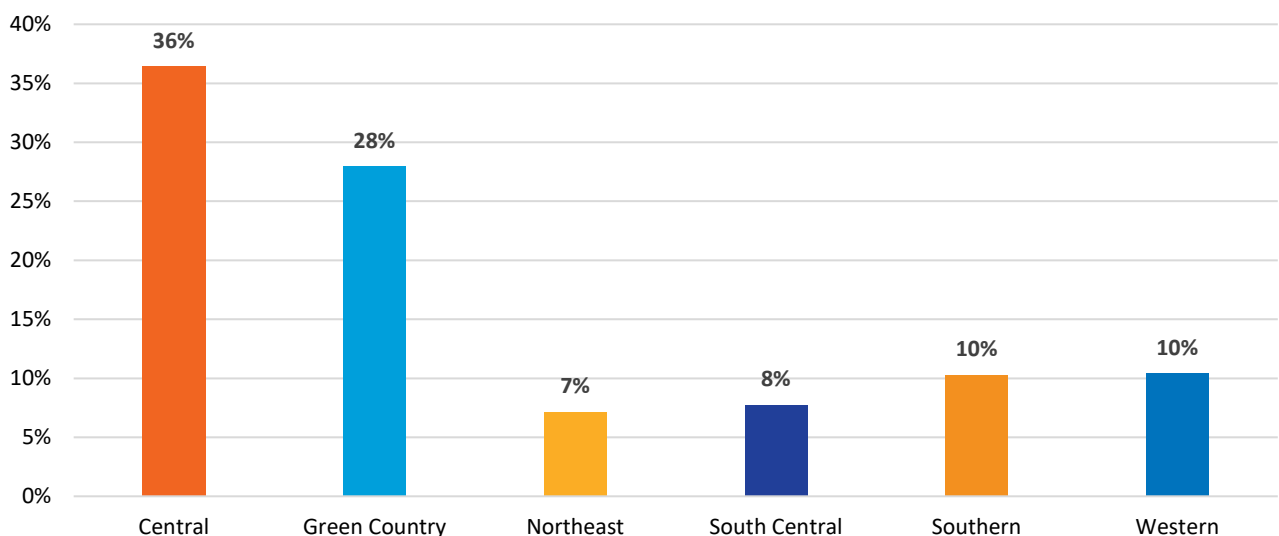
Population Overview

Overall, the Oklahoma population grew by 2% from 2015 to 2020. Canadian County had the largest growth rate of 15%. McClain County had the second largest growth rate of 8.5%. Beckham County's population decreased by 9.5%, the largest decrease rate in Oklahoma. Additionally, population density per square mile grew from 55 to 57 persons in Oklahoma. The highest density was in Oklahoma County with 1,119 persons per square mile. The second highest density was in Tulsa County with 1,118 persons per square mile. The lowest density was in Cimarron County with 1 person per square mile.

Population by WFDA

In terms of Workforce Development Areas, the Central WFDA had the largest population at 1,448,848. The Green Country WFDA population was the second largest population at 1,112,228. The Northeast WFDA population is 284,618, representing the smallest population. Figure 1 shows the state population by WFDA by percentage.

Figure 1: Percentage of Population by Workforce Development Area



Source: Emsi- economicmodeling.com- 2021.1

Population by County

Oklahoma County had the largest population representing 20% of the population in 2020. Oklahoma County's population is 803,815. Tulsa County had the second largest population representing 16% of the population. Tulsa County population is 656,096. Cimarron County had the smallest population representing .05% of the population with 2,109 residents. Table 5 located in the appendix provides the total population change from 2015 to 2020 for each county.

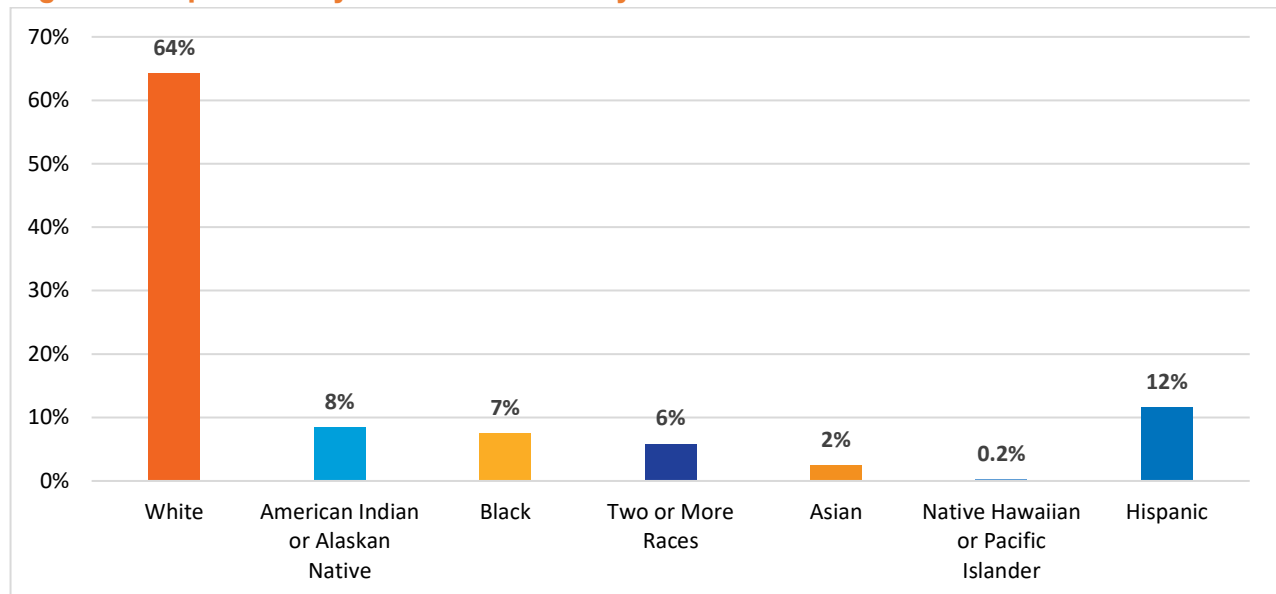
Table 6 located in the appendix provides the projected change in population from 2020 to 2025 for each county. Overall, Oklahoma is projected to grow by 65,804 people, approximately a 1.7% increase in population, bringing our future total population to over 4 million by 2025.

Population by Race and Ethnicity

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

Figure 2 shows Oklahoma's population percentages by race and ethnicity. White represented the highest percentage of the population at 64%. Hispanic ethnicity with any race made up the second highest percentage of the population at 12%. Native Hawaiians or Pacific Islander had the smallest amount of the population at .2%.

Figure 2: Population by Race and Ethnicity



Source: Emsi- economicmodeling.com- 2021.1

Table 1 shows the Oklahoma's population in 2020 by race and ethnicity. White had the largest population at 2,567,537. Hispanic ethnicity with any race had the second largest

population at 451,979. Native Hawaiians or Pacific Islander had the smallest amount of the population at 7,597.

Table 1: Population by Race & Ethnicity

Demographic	2020 Population
White	2,567,537
Black or African American	294,894
American Indian or Alaskan Native	330,312
Two or More Races	231,726
Asian	93,298
Native Hawaiian or Pacific Islander	7,597
Hispanic Ethnicity with any race	451,979

Source: Emsi- economicmodeling.com- 2021.1

Hispanic Population

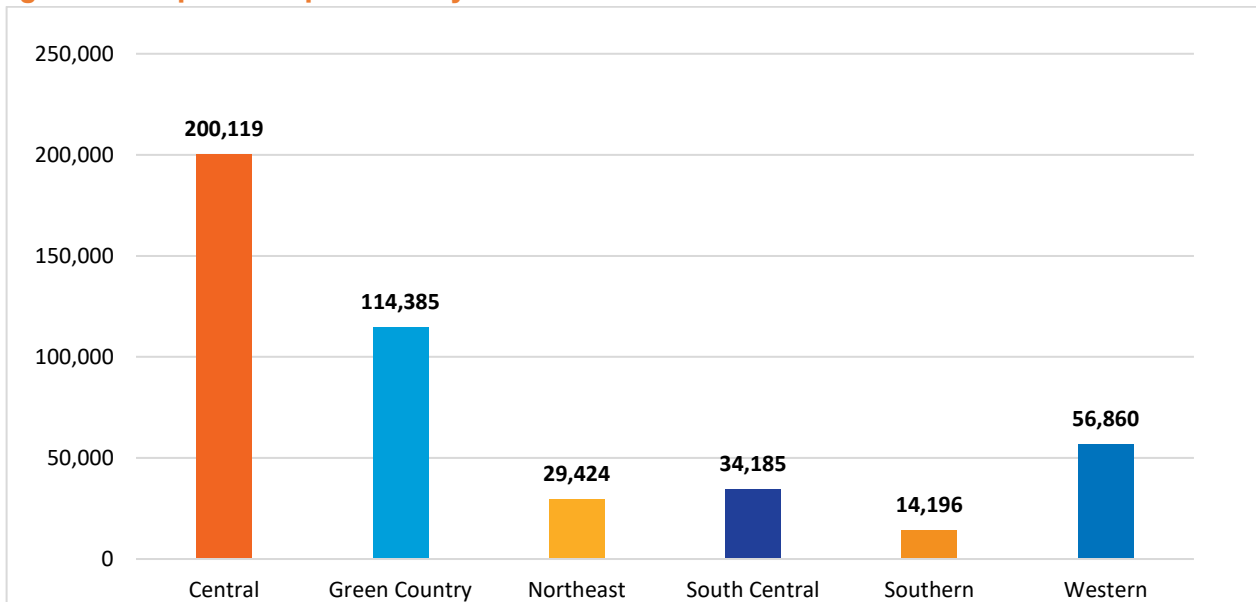
The Hispanic population is 451,979 people, approximately 11% of Oklahoma's population. White-Hispanic represents the largest part of the Hispanic population at 81%. American Indian or Alaskan Native-Hispanic constitutes 9.4% of the Hispanic population, while Two or More Races-Hispanic constitutes 5%. Native Hawaiian or Pacific Islander-Hispanic is the smallest part of the Hispanic population at .35%. Table 2 provides the total population breakdown of the Hispanic population by race.

Table 2: Hispanic Population

Demographic	2020 Population
White, Hispanic	364,710
American Indian or Alaskan Native, Hispanic	42,570
Two or More Races, Hispanic	24,735
Black, Hispanic	15,157
Asian, Hispanic	3,211
Native Hawaiian or Pacific Islander, Hispanic	1,596

Source: Emsi- economicmodeling.com- 2021.1

Figure 3 shows the Hispanic population in 2020 by WFDA. Of the six major WFDA regions, the largest population was found to be the Central WFDA with 200,119 persons. Green Country had the second largest population at 114,385 persons. The next largest populations were in the Western WFDA at 56,860 persons, the South Central WFDA at 34,185 persons, and the Northeast WFDA at 29,424 persons. Lastly, Southern WFDA had the smallest Hispanic population with 14,196 persons.

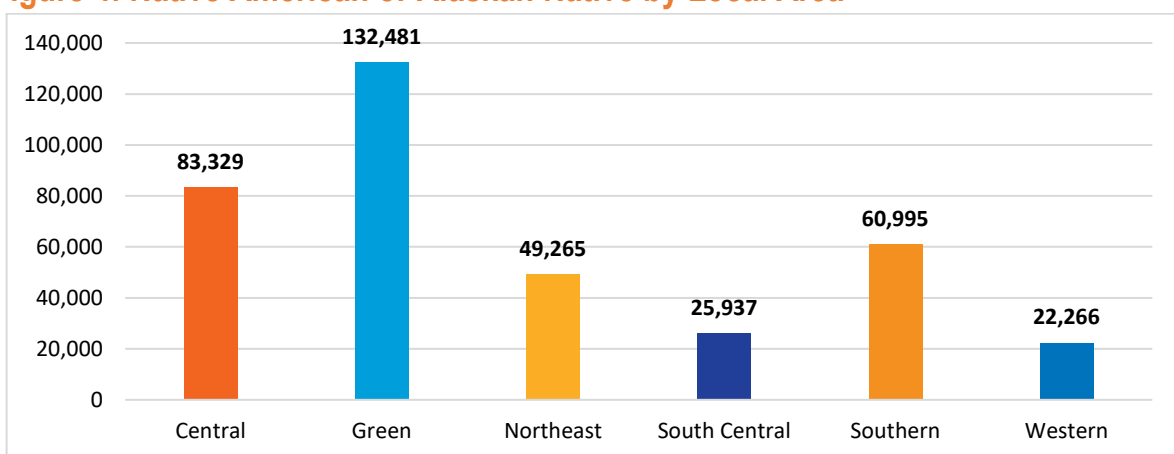
Figure 3: Hispanic Population by Local Area

Source: Emsi- economicmodeling.com- 2021.1

American Indian or Alaskan Native Population

Oklahoma's American Indian or Alaskan Native population was 372,882 in 2020, including members who are also Hispanic. While American Indian or Alaskan Native represents 1% of the population in the United States, they account for 9% of the population in Oklahoma.

Figure 4 shows the American Indian or Alaskan Native population in Oklahoma by WFDA. Green Country, formerly the Eastern and Tulsa WFDA's, had the largest American Indian or Alaska Native population at 132,481. The Central WFDA had the second largest American Indian or Alaskan Native population at 83,329. Lastly, the Southern WFDA had the third largest American Indian or Alaskan Native population at 60,995.

Figure 4: Native American or Alaskan Native by Local Area

Source: Emsi- economicmodeling.com- 2021.1

Education

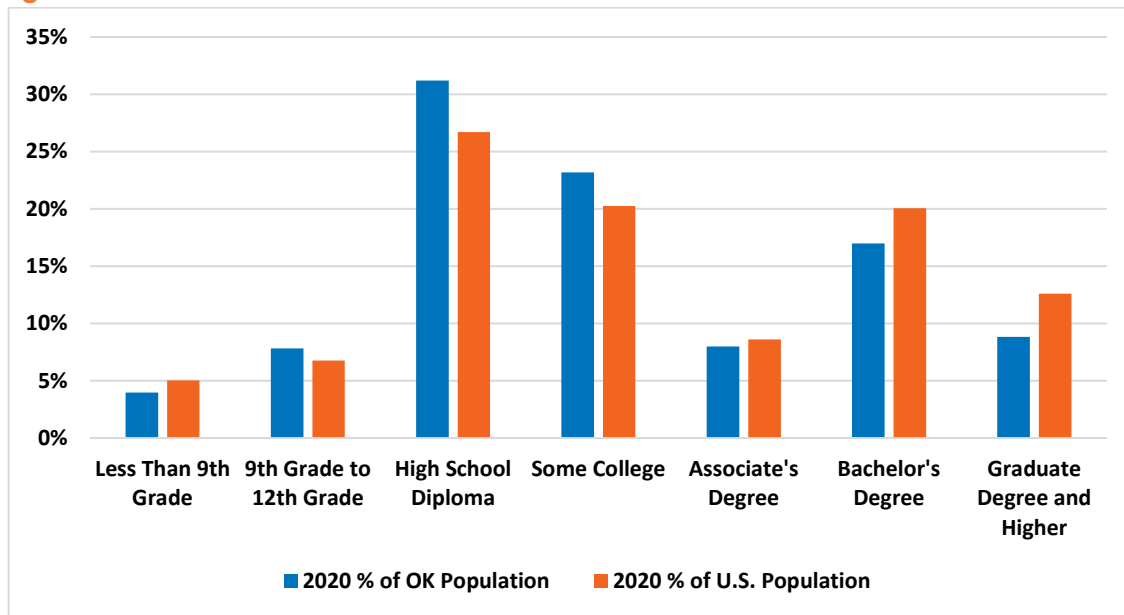
Colleges, universities, career technology centers, and K-12 schools are instrumental in developing the workforce. Educational institutions help supply local businesses and organizations with a workforce with the necessary labor and skills to be competitive in today's economy. The following section reviews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

Educational Attainment

Figure 5 compares the State of Oklahoma Education Attainment Level with the United States Education Attainment Level. In Oklahoma, High School Diploma had the highest share of the population at 31%. The second highest share of the population was Some College at 23%. The third highest share of the population is Bachelor's Degree at 17%. Those with less than 9th grade educational attainment represented the smallest group at 5% of the OK population.

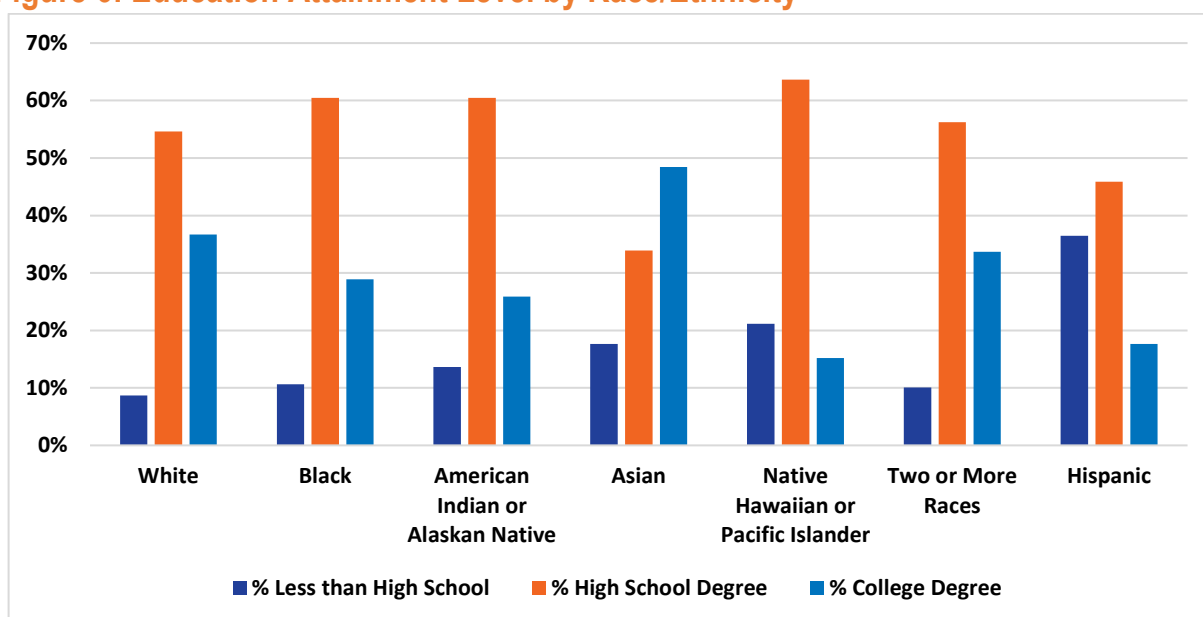
In the United States, High School Diploma made up the highest share of the population at 27%. The next highest groups were Some College and Bachelor's Degree, both at 20%. Graduate degree holders represent 12% of the national population.

Figure 5: Education Attainment Level



Source: Emsi- economicmodeling.com- 2021.1

Figure 6 shows Oklahoma's Education Attainment Level by race/ethnicity. 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 highest population percentage at the Less Than High School level at 36%. Native Hawaiian or Pacific Islander had the highest population percentage at the High School Degree level at 64%. Asian Americans had the highest population percentage at the College Degree level at 48%.

Figure 6: Education Attainment Level by Race/Ethnicity

Source: Emsi- economicmodeling.com- 2021.1

Educational Attainment Mismatch Analysis

An educational attainment mismatch analysis was completed by comparing the percentage of jobs requiring various education levels to the percentage of the population that attained those education levels.¹

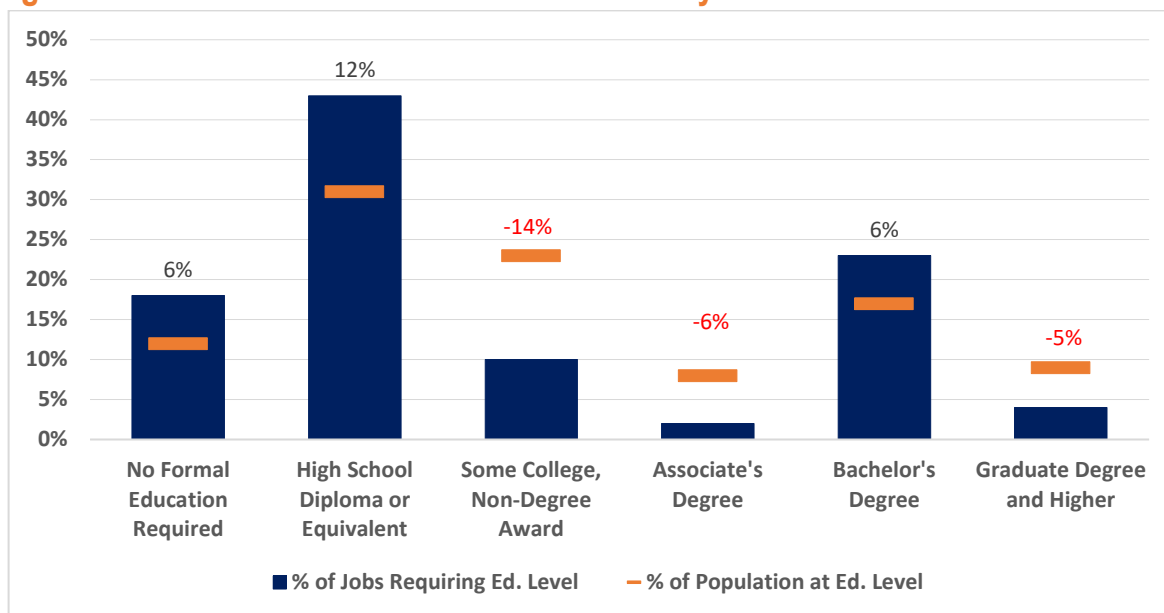
Eighteen percent of the total jobs in Oklahoma do not require formal education. Jobs that typically require a high school diploma or equivalent totaled 43% of the total jobs. Together, these two categories account for 61% of Oklahoma's total jobs. In comparison, 43% of the population have less than a high school diploma, have a high school diploma, or have a high school diploma equivalent. There is potentially around 18% of jobs filled by people with some college, non-degree award, or Associate's degree, suggesting they are underemployed.

Figure 7 shows how there is a higher percentage of the populations with some college, non-degree award, or Associate's degree compared to the percentages of jobs that require that level of education. There are two possible implications. First, this analysis suggests the need for more skilled jobs for our current population. Second, this analysis shows the potential benefit of increasing the number of people with Bachelor's degree for higher skilled occupations. Currently, 23% of the jobs in Oklahoma require a Bachelor's degree while only 17% of the population earned a Bachelor's degree. Additionally, the shortfall at the bachelor's degree level will be significantly compounded by a misalignment of degree specialty. The existence of a sufficient number of individuals possessing a bachelor's degree fails to meet

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 Emsi'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.

the needs of employers if those degrees do not provide the appropriate training necessary to fulfill job requirements. It is also important to note that there is a surplus of Master's degree or higher that fill positions only requiring a Bachelor's degree.

Figure 7: Educational Attainment Mismatch Analysis



Source: Emsi- economicmodeling.com- 2021.1

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 7 in the appendix details accredited institutions and their programs of study.

Labor Force

The following section reviews important labor force and commuter data, including labor force participation rates broken down by county, as well as commuter data detailing commuter inflow, outflow, and circulation for the state.

Labor Force Participation by County

Table 8 in the appendix shows the estimated Oklahoma labor force participation rate by county. Texas County had the highest participation rate of 71.4%. Canadian, Tulsa, and Cleveland counties have the next highest labor force participation rates, all clearing above 66%. Conversely, McIntosh County, Okfuskee County, Greer County, and Hughes County have the lowest labor force participation rates of 44.8%, 44.6%, 44.4%, and 42.0%, respectively.

Median Wage

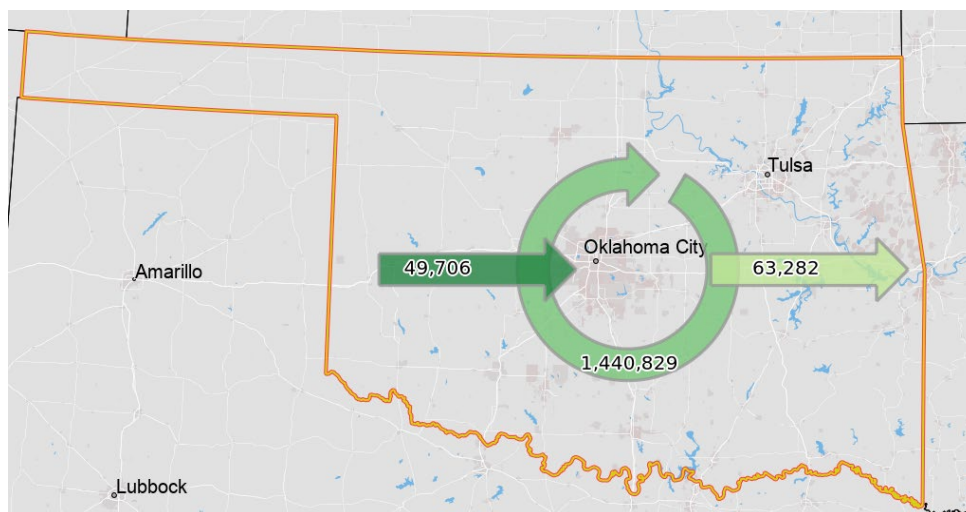
Table 9 located in the appendix provides the median wage of those over the age of 16. The median wage for the State of Oklahoma is \$31,319. The highest wage was found in McClain County which is \$37,155. The second highest wage was in Cimarron County at \$36,757. The third highest was in Rogers County which is \$36,745. The fourth highest wages were found in Wagoner County at \$36,054. Grady County has the fifth highest wages at \$36,053. The sixth highest wage was in Canadian County at \$35,986. The lowest median wage was in Payne County at \$21,599.

Commuter Data

The U.S. Census Bureau Longitudinal Employer-Household Dynamics (LEHD) program uses data from a variety of sources including the unemployment insurance program, Quarterly Census of Employment and Wages (QCEW), and administrative data from censuses and surveys to create models estimating worker commutes for primary employment.

In the State of Oklahoma 49,706 work in the area, and did not live there. 1,440,829 lived there and worked there. 63,282 lived in Oklahoma and worked outside the area. See Figure 8. Important to note is that this data is from 2018, and this data is subject to change due to the COVID-19 pandemic that started in 2020. Several jobs shifted to remote work during this time.

Figure 8: Total Local Area Commuter Patterns



Source: Center of Economic Studies (CES), OnTheMap, 2018

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.

There was an estimated 1,696,642 number of total jobs in Oklahoma in 2021. Table 3 shows the top ten employment 2-digit NAICS sectors in Oklahoma. The largest sector is Government with 372,935 jobs. The second largest sector was Health Care and Social Assistance with 200,082 jobs. The tenth largest sector was Transportation and Warehousing with 62,966 jobs.

Table 3: Top Industries by Total Jobs

NAICS	Description	2021 Jobs	Percentage of Total Employment
90	Government	372,935	22.0%
62	Health Care and Social Assistance	200,082	11.8%
44	Retail Trade	176,524	10.4%
72	Accommodation and Food Services	146,624	8.6%
31	Manufacturing	136,079	8.0%
56	Administrative and Support and Waste Management and Remediation Services	93,299	5.5%
23	Construction	83,239	4.9%
54	Professional, Scientific, and Technical Services	76,033	4.5%
81	Other Services (except Public Administration)	75,548	4.5%
48	Transportation and Warehousing	62,966	3.7%

Source: Emsi- economicmodeling.com- 2021.2

Target Sectors

Oklahoma Department of Commerce has identified [Key Industry Sectors](#) for the state of Oklahoma. The Key Industry Sectors provide a competitive advantage in a global economy. They exhibit significant potential for employment growth and provide wealth generating employment opportunities. These Target Sectors include Aerospace and Defense, Agribusiness and Bioscience, Renewable and Traditional Energy, Transportation and Logistics, Automotive, and Manufacturing. Growth in these areas lead to workforce needs in complementary sectors. These complementary sectors include Construction, Health Care, Education, and Creative Industries. Figure 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.

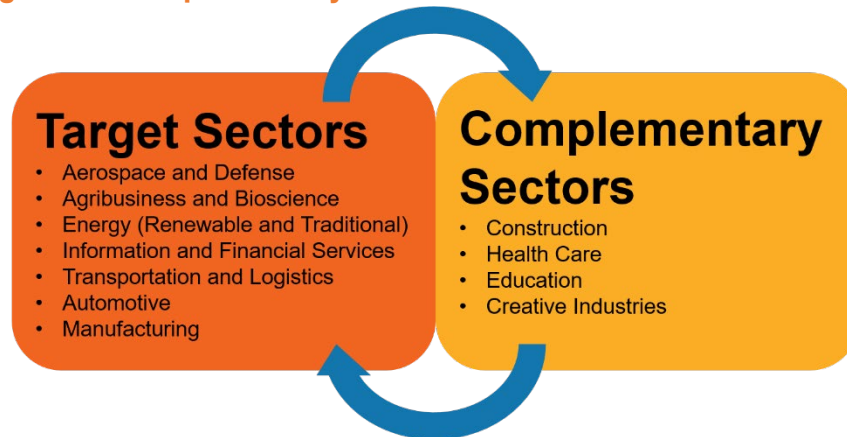
Figure 9: Target and Complementary Sectors

Table 4 shows the estimated number of new jobs for each of the target sectors in 2026, along with the growth rate and average earnings per job in the target sector. All target sectors are projected to grow with the exception of the energy sector.

Table 4: Target Sectors, 2021-2026 Growth

Target Sector	2021 Jobs	2026 Jobs	Estimated Net Job Growth (2021-2026)	Growth Rate (2021-2026)	Average Earnings Per Job
Aerospace and Defense	110,068	115,275	5,206	5%	\$74,894
Agriculture and Bioscience	73,599	76,888	3,289	4%	\$64,347
Energy (Renewable and Traditional)	84,357	77,852	(6,505)	(8%)	\$109,643
Information and Financial Services	106,118	107,835	1,716	2%	\$91,636
Manufacturing	136,079	138,409	2,330	2%	\$74,881
Transportation and Distribution (Includes Automotive)	122,680	126,732	4,052	3%	\$71,010

Source: Emsi- economicmodeling.com- 2021.2

Target Sector Staffing Patterns

Staffing patterns were computed for each of the target sectors using Emsi 2021.2 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 jobs². The second table shows the top 10 occupations by number of new jobs projected for 2026.

The current top three staffed jobs in Aerospace and Defense include aircraft mechanics and service technicians, software developers and software quality assurance analysts and testers, and general and operations managers (See Table 10). Software developers and software quality assurance analysts and testers are projected to grow the most, followed by management analysts and industrial machinery mechanics (See Table 11). Farmworkers and laborers, laborers and freight, stock, and material movers, and farmworkers are the current three top occupations in the Agribusiness and Bioscience target sector (see Table 12). Laborers and freight, stock, and material movers is also in the top three occupations projected to grow by 2026, preceded by meat, poultry, and fish cutters and trimmers and slaughterers and meat packers (see Table 13).

The current top three staffed jobs in the energy target sector include welders, cutters, solderers, and brazers, roustabouts, and first-line supervisors of construction trades and extraction workers (see Table 14). The three occupations to grow the most include construction laborers, wind turbine service technicians, and construction managers (see Table 15). Currently, the top three occupations in the information and financial services target sector include accountants and auditors, tellers, and customer service representatives (see Table 16). The number of tellers and customer service representatives jobs are projected to decrease by 2026. The top three occupations by 2026 projected growth include software developers and quality assurance analysts and testers, accountants and auditors, and financial managers (see Table 17).

Miscellaneous assemblers and fabricators, welders, cutters, solderers, and brazers, and first-line supervisors of production and operating workers are the top three occupations staffed in 2021 in the manufacturing target sector (see Table 18). While meat, poultry, and fish cutters and trimmers, industrial machinery mechanics, and slaughterers and meat packers are the top three growing occupations, they only account for 3.2% of the total jobs in the manufacturing target sector (see Table 19). In the transportation and logistics target sector, which includes the automotive target sector, heavy and tractor-trailer truck drivers, laborers and freight, stock, and material movers, and sales representatives for wholesale and manufacturing were both the top 2021 staffed occupations (see Table 20) and the top new jobs in 2026 (see Table 21).

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 (WFDA's). The Oklahoma Office of Workforce Development prepares briefings for each of the Workforce Development Areas. Briefings are available at oklahomaworks.gov/workforce-briefings.

² For the Aerospace and Defense Target Sector, the military occupation (SOC code 55-9999) was removed from the list.

Appendix

County Level Tables

Table 5: Population Change, 2015-2020

County	Population (2015)	Population (2020)	Total Change
Adair County, OK	22,259	22,200	(59)
Alfalfa County, OK	5,917	5,682	(235)
Atoka County, OK	13,889	13,760	(129)
Beaver County, OK	5,455	5,275	(180)
Beckham County, OK	23,554	21,541	(2,013)
Blaine County, OK	9,762	9,352	(410)
Bryan County, OK	45,021	48,667	3,646
Caddo County, OK	29,433	28,689	(744)
Canadian County, OK	133,158	151,921	18,763
Carter County, OK	48,568	48,136	(432)
Cherokee County, OK	48,376	48,871	495
Choctaw County, OK	14,984	14,615	(369)
Cimarron County, OK	2,225	2,109	(116)
Cleveland County, OK	273,841	287,088	13,247
Coal County, OK	5,608	5,466	(142)
Comanche County, OK	124,005	119,979	(4,026)
Cotton County, OK	6,006	5,626	(380)
Craig County, OK	14,709	14,088	(621)
Creek County, OK	70,801	71,895	1,094
Custer County, OK	29,565	28,985	(580)
Delaware County, OK	41,704	43,345	1,641
Dewey County, OK	4,984	4,902	(82)
Ellis County, OK	4,223	3,823	(400)
Garfield County, OK	63,248	60,800	(2,448)
Garvin County, OK	27,920	27,759	(161)
Grady County, OK	54,559	56,273	1,714
Grant County, OK	4,500	4,290	(210)
Greer County, OK	6,031	5,670	(361)
Harmon County, OK	2,782	2,626	(156)
Harper County, OK	3,826	3,668	(158)
Haskell County, OK	12,750	12,613	(137)
Hughes County, OK	13,592	13,227	(365)
Jackson County, OK	25,459	24,325	(1,134)
Jefferson County, OK	6,266	5,970	(296)
Johnston County, OK	10,967	11,103	136

County	Population (2015)	Population (2020)	Total Change
Kay County	45,226	43,244	(1,982)
Kingfisher County	15,588	15,867	279
Kiowa County	9,116	8,600	(516)
Latimer County	10,624	9,990	(634)
Le Flore County	50,018	49,931	(87)
Lincoln County	34,928	34,995	67
Logan County	45,346	48,689	3,343
Love County	9,815	10,358	543
Major County	7,771	7,608	(163)
Marshall County	16,266	17,104	838
Mayes County	40,889	41,262	373
McClain County	37,973	41,161	3,188
McCurtain County	33,173	32,809	(364)
McIntosh County	19,817	19,610	(207)
Murray County	13,860	14,139	279
Muskogee County	69,319	67,788	(1,531)
Noble County	11,550	11,110	(440)
Nowata County	10,519	10,054	(465)
Okfuskee County	12,107	11,988	(119)
Oklahoma County	777,373	803,815	26,442
Okmulgee County	39,065	38,308	(757)
Osage County	47,338	47,033	(305)
Ottawa County	31,862	31,026	(836)
Pawnee County	16,439	16,385	(54)
Payne County	81,363	82,377	1,014
Pittsburg County	44,716	43,496	(1,220)
Pontotoc County	38,336	38,356	20
Pottawatomie County	71,479	73,004	1,525
Pushmataha County	11,162	11,121	(41)
Roger Mills County	3,773	3,571	(202)
Rogers County	90,080	93,227	3,147
Seminole County	25,399	24,121	(1,278)
Sequoyah County	41,782	41,633	(149)
Stephens County	44,576	42,910	(1,666)
Texas County	21,446	19,759	(1,687)
Tillman County	7,567	7,183	(384)
Tulsa County	640,470	656,096	15,626
Wagoner County	76,733	82,410	5,677
Washington County	52,091	51,616	(475)
Washita County	11,687	10,804	(883)

County	Population (2015)	Population (2020)	Total Change
Woods County	9,303	8,740	(563)
Woodward County	21,608	20,033	(1,575)
Total	3,907,275	3,977,670	70,395

Source: Emsi- economicmodeling.com- 2021.1

Table 6: Projected Population Change, 2020-2025

County	Population (2020)	Population (2025)	Total Change
Adair County	22,200	22,249	50
Alfalfa County	5,682	5,488	(194)
Atoka County	13,760	13,691	(69)
Beaver County	5,275	5,153	(122)
Beckham County	21,541	20,974	(567)
Blaine County	9,352	9,084	(269)
Bryan County	48,667	51,263	2,596
Caddo County	28,689	28,062	(627)
Canadian County	151,921	166,142	14,220
Carter County	48,136	48,031	(105)
Cherokee County	48,871	49,250	379
Choctaw County	14,615	14,365	(249)
Cimarron County	2,109	2,009	(100)
Cleveland County	287,088	297,744	10,656
Coal County	5,466	5,318	(148)
Comanche County	119,979	118,063	(1,917)
Cotton County	5,626	5,357	(270)
Craig County	14,088	13,758	(330)
Creek County	71,895	72,389	495
Custer County	28,985	28,952	(33)
Delaware County	43,345	44,303	959
Dewey County	4,902	4,894	(8)
Ellis County	3,823	3,637	(186)
Garfield County	60,800	60,003	(797)
Garvin County	27,759	27,725	(34)
Grady County	56,273	57,893	1,620
Grant County	4,290	4,154	(136)
Greer County	5,670	5,465	(205)
Harmon County	2,626	2,520	(106)
Harper County	3,668	3,574	(95)
Haskell County	12,613	12,540	(73)
Hughes County	13,227	13,049	(178)

County	Population (2020)	Population (2025)	Total Change
Jackson County	24,325	23,399	(926)
Jefferson County	5,970	5,751	(219)
Johnston County	11,103	11,136	34
Kay County	43,244	41,829	(1,415)
Kingfisher County	15,867	16,109	242
Kiowa County	8,600	8,279	(322)
Latimer County	9,990	9,624	(367)
Le Flore County	49,931	49,870	(61)
Lincoln County	34,995	35,178	183
Logan County	48,689	51,196	2,507
Love County	10,358	10,713	354
Major County	7,608	7,525	(83)
Marshall County	17,104	17,848	744
Mayes County	41,262	41,582	320
McClain County	41,161	43,554	2,393
McCurtain County	32,809	32,528	(281)
McIntosh County	19,610	19,469	(141)
Murray County	14,139	14,395	256
Muskogee County	67,788	66,653	(1,134)
Noble County	11,110	10,877	(232)
Nowata County	10,054	9,757	(296)
Okfuskee County	11,988	11,893	(94)
Oklahoma County	803,815	827,448	23,633
Okmulgee County	38,308	37,803	(505)
Osage County	47,033	46,870	(163)
Ottawa County	31,026	30,537	(489)
Pawnee County	16,385	16,334	(50)
Payne County	82,377	82,906	529
Pittsburg County	43,496	42,715	(781)
Pontotoc County	38,356	38,430	74
Pottawatomie County	73,004	74,107	1,103
Pushmataha County	11,121	11,079	(42)
Roger Mills County	3,571	3,480	(92)
Rogers County	93,227	95,748	2,521
Seminole County	24,121	23,399	(723)
Sequoyah County	41,633	41,639	7
Stephens County	42,910	42,220	(690)
Texas County	19,759	18,610	(1,149)
Tillman County	7,183	6,887	(296)
Tulsa County	656,096	670,616	14,519
Wagoner County	82,410	86,758	4,348
Washington County	51,616	51,371	(246)

County	Population (2020)	Population (2025)	Total Change
Washita County	10,804	10,393	(411)
Woods County	8,740	8,386	(354)
Woodward County	20,033	19,476	(557)
Total	3,977,670	4,043,475	65,804

Source: Emsi- economicmodeling.com- 2021.1

Table 7: 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
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					
Southeastern 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 non profit	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	Chickasha	Grady	South 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
Eastern Oklahoma County Technology Center	Technical School	Choctaw	Oklahoma	Central	Certificate
Francis Tuttle Technology Center	Technical School	3 Campuses in	Oklahoma	Central	Certificate

Institution Name	Institution Type	City	County	WFDA	Degree Types
		Oklahoma City			
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
Kiamichi Technology Center	Technical School	Hugo	Choctaw	Southern	Certificate
Kiamichi Technology Center	Technical School	Idabel	McCurtain	Southern	Certificate

Institution Name	Institution Type	City	County	WFDA	Degree Types
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
Northeast Technology Center	Technical School	Kansas	Delaware	Northeast	Certificate
Northeast Technology Center	Technical School	Pryor	Mayes	Northeast	Certificate

Institution Name	Institution Type	City	County	WFDA	Degree Types
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
Tulsa Technology Center	Technical School	Peoria Tulsa	Tulsa	Green Country	Certificate
Wes Watkins Technology Center	Technical School	Wetumka	Hughes	Central	Certificate

Institution Name	Institution Type	City	County	WFDA	Degree Types
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 8: Labor Force Participation Rate by County

County	2019 Labor Force Participation Rate
Adair County	50.2%
Alfalfa County	47.2%
Atoka County	45.3%
Beaver County	61.9%
Beckham County	52.6%
Blaine County	47.0%
Bryan County	57.3%
Caddo County	53.3%
Canadian County	68.5%
Carter County	59.8%
Cherokee County	54.6%
Choctaw County	48.3%
Cimarron County	58.0%
Cleveland County	66.1%
Coal County	51.8%
Comanche County	63.6%
Cotton County	53.2%
Craig County	51.8%
Creek County	56.4%
Custer County	63.8%
Delaware County	49.0%
Dewey County	59.2%
Ellis County	60.0%
Garfield County	64.3%
Garvin County	53.0%
Grady County	59.2%
Grant County	58.9%
Greer County	44.4%
Harmon County	59.3%
Harper County	55.8%
Haskell County	50.9%
Hughes County	42.0%
Jackson County	64.0%
Jefferson County	49.4%
Johnston County	51.5%
Kay County	58.3%
Kingfisher County	63.6%
Kiowa County	56.4%
Latimer County	50.6%
Le Flore County	51.9%

County	2019 Labor Force Participation Rate
Lincoln County	54.3%
Logan County	59.2%
Love County	53.0%
McClain County	64.3%
McCurtain County	52.8%
McIntosh County	44.8%
Major County	58.6%
Marshall County	51.5%
Mayes County	56.2%
Murray County	55.0%
Muskogee County	52.8%
Noble County	60.2%
Nowata County	56.4%
Okfuskee County	44.6%
Oklahoma County	65.5%
Okmulgee County	54.4%
Osage County	53.6%
Ottawa County	55.6%
Pawnee County	53.2%
Payne County	57.2%
Pittsburg County	52.8%
Pontotoc County	60.2%
Pottawatomie County	56.3%
Pushmataha County	48.5%
Roger Mills County	60.2%
Rogers County	63.8%
Seminole County	52.1%
Sequoyah County	52.2%
Stephens County	56.5%
Texas County	71.4%
Tillman County	52.9%
Tulsa County	66.5%
Wagoner County	63.5%
Washington County	57.6%
Washita County	57.9%
Woods County	62.2%
Woodward County	61.2%

Source: American Community Survey (ACS) 2019 5-Year Estimates

Table 9: Median Wage by County

Geographic Area	Median Wage
State of Oklahoma	\$31,319
Adair County	\$26,433
Alfalfa County	\$29,985
Atoka County	\$27,111
Beaver County	\$30,731
Beckham County	\$30,881
Blaine County	\$29,681
Bryan County	\$28,003
Caddo County	\$30,849
Canadian County	\$35,986
Carter County	\$31,681
Cherokee County	\$25,514
Choctaw County	\$28,249
Cimarron County	\$36,757
Cleveland County	\$32,452
Coal County	\$29,299
Comanche County	\$27,161
Cotton County	\$30,101
Craig County	\$25,933
Creek County	\$34,395
Custer County	\$26,737
Delaware County	\$26,283
Dewey County	\$30,192
Ellis County	\$30,534
Garfield County	\$30,173
Garvin County	\$32,370
Grady County	\$36,053
Grant County	\$35,196
Greer County	\$25,284
Harmon County	\$28,431
Harper County	\$27,762
Haskell County	\$27,186
Hughes County	\$26,167
Jackson County	\$28,305
Jefferson County	\$27,420
Johnston County	\$26,255
Kay County	\$27,561
Kingfisher County	\$33,827
Kiowa County	\$27,083
Latimer County	\$26,448
Le Flore County	\$26,561
Lincoln County	\$31,514
Logan County	\$33,744
Love County	\$30,827

Geographic Area	Median Wage
Major County	\$34,255
Marshall County	\$27,710
Mayes County	\$31,010
McClain County	\$37,155
McCurtain County	\$27,701
McIntosh County	\$28,615
Murray County	\$32,540
Muskogee County	\$29,531
Noble County	\$32,255
Nowata County	\$30,239
Okfuskee County	\$29,154
Oklahoma County	\$31,857
Okmulgee County	\$26,967
Osage County	\$32,862
Ottawa County	\$25,362
Pawnee County	\$32,594
Payne County	\$21,599
Pittsburg County	\$30,467
Pontotoc County	\$31,542
Pottawatomie County	\$27,625
Pushmataha County	\$25,856
Roger Mills County	\$31,175
Rogers County	\$36,745
Seminole County	\$26,950
Sequoyah County	\$26,140
Stephens County	\$30,542
Texas County	\$29,447
Tillman County	\$27,222
Tulsa County	\$32,584
Wagoner County	\$36,054
Washington County	\$31,087
Washita County	\$34,597
Woods County	\$24,125
Woodward County	\$31,483

Source: American Community Survey (ACS) 2019 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, Electro-medical, 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
81131	Commercial and Industrial Machinery and Equipment (except Automotive and Electronic) 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
33341	Ventilation, Heating, Air-Conditioning, and Commercial Refrigeration Equipment Manufacturing
33361	Engine, Turbine, and Power Transmission Equipment Manufacturing
33391	Pump and Compressor Manufacturing
33531	Electrical Equipment Manufacturing
33591	Battery Manufacturing
42352	Coal and Other Mineral and Ore Merchant Wholesalers
42471	Petroleum Bulk Stations and Terminals
42472	Petroleum and Petroleum Products Merchant Wholesalers (except Bulk Stations and Terminals)
48611	Pipeline Transportation of Crude Oil
48621	Pipeline Transportation of Natural Gas
48691	Pipeline Transportation of Refined Petroleum Products
48699	All Other Pipeline Transportation
54136	Geophysical Surveying and Mapping Services
54138	Testing Laboratories

Agriculture 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	Non-chocolate 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, Electro-medical, 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 Non-depository 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	Automotive 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	Non-chocolate 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	Broad woven 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 Hand-tool 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
33341	Ventilation, Heating, Air-Conditioning, and Commercial Refrigeration Equipment 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 Sectors Staffing Patterns by Current Jobs and Projected New Jobs

Table 10: 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 (2020)	Median Hourly Earnings	Typical Entry Level Education	Work Experience Required	Typical On-The-Job Training
49-3011	Aircraft Mechanics and Service Technicians	3,864	4,012	148	4%	3.5%	\$28.34	Postsecondary nondegree award	None	None
15-1256	Software Developers and Software Quality Assurance Analysts and Testers	3,262	3,784	523	16%	2.9%	\$42.14	Bachelor's degree	None	None
11-1021	General and Operations Managers	2,219	2,399	180	8%	2.0%	\$40.11	Bachelor's degree	5 years or more	None
51-4121	Welders, Cutters, Solderers, and Brazers	2,004	2,079	75	4%	1.8%	\$20.35	High school diploma or equivalent	None	Moderate-term on-the-job training
51-9161	Computer Numerically Controlled Tool Operators	1,952	1,975	23	1%	1.8%	\$18.30	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 (2020)	Median Hourly Earnings	Typical Entry Level Education	Work Experience Required	Typical On-The-Job Training
49-3011	Aircraft Mechanics and Service Technicians	3,864	4,012	148	4%	3.5%	\$28.34	Postsecondary nondegree award	None	None
51-4041	Machinists	1,893	2,038	145	8%	1.7%	\$20.65	High school diploma or equivalent	None	Long-term on-the-job training
51-9061	Inspectors, Testers, Sorters, Samplers, and Weighers	1,768	1,740	(28)	(2%)	1.6%	\$20.87	High school diploma or equivalent	None	Moderate-term on-the-job training
13-1081	Logisticians	1,575	1,648	73	5%	1.4%	\$36.32	Bachelor's degree	None	None
43-4051	Customer Service Representatives	1,372	1,421	49	4%	1.2%	\$15.14	High school diploma or equivalent	None	Short-term on-the-job training
51-1011	First-Line Supervisors of Production and Operating Workers	1,345	1,421	75	6%	1.2%	\$29.44	High school diploma or equivalent	Less than 5 years	None

Source: Emsi- economicmodeling.com- 2021.2

Table 11: 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 (2020)	Median Hourly Earnings	Typical Entry Level Education	Work Experience Required	Typical On-The-Job Training
15-1256	Software Developers and Software Quality Assurance Analysts and Testers	3,262	3,784	523	16%	2.9%	\$42.14	Bachelor's degree	None	None
13-1111	Management Analysts	1,301	1,507	206	16%	1.1%	\$37.25	Bachelor's degree	Less than 5 years	None
49-9041	Industrial Machinery Mechanics	978	1,172	193	20%	0.9%	\$26.22	High school diploma or equivalent	None	Long-term on-the-job training
11-1021	General and Operations Managers	2,219	2,399	180	8%	2.0%	\$40.11	Bachelor's degree	5 years or more	None
17-2112	Industrial Engineers	893	1,050	157	18%	0.8%	\$40.90	Bachelor's degree	None	None
13-1161	Market Research Analysts and Marketing Specialists	855	1,009	154	18%	0.7%	\$25.91	Bachelor's degree	None	None
49-3011	Aircraft Mechanics and Service Technicians	3,864	4,012	148	4%	3.5%	\$28.34	Postsecondary nondegree award	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 (2020)	Median Hourly Earnings	Typical Entry Level Education	Work Experience Required	Typical On-The-Job Training
13-1198	Project Management Specialists and Business Operations Specialists, All Other	1,025	1,172	147	14%	0.9%	\$34.87	Bachelor's degree	None	None
51-4041	Machinists	1,893	2,038	145	8%	1.7%	\$20.65	High school diploma or equivalent	None	Long-term on-the-job training
15-1232	Computer User Support Specialists	1,273	1,414	141	11%	1.1%	\$22.91	Some college, no degree	None	None

Source: Emsi- economicmodeling.com- 2021.2

Table 12: 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 (2020)	Median Hourly Earnings	Typical Entry Level Education	Work Experience Required	Typical On-The-Job Training
45-2092	Farmworkers and Laborers, Crop, Nursery, and Greenhouse	5,328	5,399	71	1%	7.3%	\$13.15	No formal educational credential	None	Short-term on-the-job training
53-7062	Laborers and Freight, Stock, and Material Movers, Hand	3,486	3,698	212	6%	4.7%	\$15.08	No formal educational credential	None	Short-term on-the-job training
45-2093	Farmworkers, Farm, Ranch, and Aquacultural Animals	1,782	1,731	(51)	(3%)	2.5%	\$11.62	No formal educational credential	None	Short-term on-the-job training
11-9013	Farmers, Ranchers, and Other Agricultural Managers	1,765	1,707	(58)	(3%)	2.5%	\$28.17	High school diploma or equivalent	5 years or more	None
51-1011	First-Line Supervisors of Production and Operating Workers	1,699	1,801	102	6%	2.3%	\$29.44	High school diploma or equivalent	Less than 5 years	None
53-3032	Heavy and Tractor-Trailer Truck Drivers	1,662	1,734	72	4%	2.3%	\$23.28	Postsecondary nondegree award	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 (2020)	Median Hourly Earnings	Typical Entry Level Education	Work Experience Required	Typical On-The-Job Training
51-9111	Packaging and Filling Machine Operators and Tenders	1,595	1,715	120	8%	2.1%	\$14.11	High school diploma or equivalent	None	Moderate-term on-the-job training
31-9096	Veterinary Assistants and Laboratory Animal Caretakers	1,575	1,665	91	6%	2.1%	\$13.23	High school diploma or equivalent	None	Short-term on-the-job training
41-4012	Sales Representatives, Wholesale and Manufacturing, Except Technical and Scientific Products	1,469	1,559	89	6%	2.0%	\$24.13	High school diploma or equivalent	None	Moderate-term on-the-job training
51-3022	Meat, Poultry, and Fish Cutters and Trimmers	1,402	1,682	279	20%	1.8%	\$12.31	No formal educational credential	None	Short-term on-the-job training

Source: Emsi- economicmodeling.com- 2021.2

Table 13: 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 (2020)	Median Hourly Earnings	Typical Entry Level Education	Work Experience Required	Typical On-The-Job Training
51-3022	Meat, Poultry, and Fish Cutters and Trimmers	1,402	1,682	279	20%	1.8%	\$12.31	No formal educational credential	None	Short-term on-the-job training
51-3023	Slaughterers and Meat Packers	1,172	1,387	215	18%	1.5%	\$12.16	No formal educational credential	None	Short-term on-the-job training
53-7062	Laborers and Freight, Stock, and Material Movers, Hand	3,486	3,698	212	6%	4.7%	\$15.08	No formal educational credential	None	Short-term on-the-job training
49-9041	Industrial Machinery Mechanics	670	795	125	19%	0.9%	\$26.22	High school diploma or equivalent	None	Long-term on-the-job training
51-9111	Packaging and Filling Machine Operators and Tenders	1,595	1,715	120	8%	2.1%	\$14.11	High school diploma or equivalent	None	Moderate-term on-the-job training
53-7064	Packers and Packagers, Hand	930	1,034	104	11%	1.2%	\$12.36	No formal educational credential	None	Short-term on-the-job training
51-1011	First-Line Supervisors of Production and Operating Workers	1,699	1,801	102	6%	2.3%	\$29.44	High school diploma or equivalent	Less than 5 years	None

SOC	Description	Employed in Industry Group (2021)	Employed in Industry Group (2026)	Change (2021 - 2026)	% Change (2021 - 2026)	% of Total Jobs in Industry Group (2020)	Median Hourly Earnings	Typical Entry Level Education	Work Experience Required	Typical On-The-Job Training
31-9096	Veterinary Assistants and Laboratory Animal Caretakers	1,575	1,665	91	6%	2.1%	\$13.23	High school diploma or equivalent	None	Short-term on-the-job training
41-4012	Sales Representatives, Wholesale and Manufacturing, Except Technical and Scientific Products	1,469	1,559	89	6%	2.0%	\$24.13	High school diploma or equivalent	None	Moderate-term on-the-job training
49-9071	Maintenance and Repair Workers, General	1,128	1,214	86	8%	1.5%	\$16.84	High school diploma or equivalent	None	Moderate-term on-the-job training

Source: Emsi- economicmodeling.com- 2021.2

Table 14: 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 (2020)	Median Hourly Earnings	Typical Entry Level Education	Work Experience Required	Typical On-The-Job Training
51-4121	Welders, Cutters, Solderers, and Brazers	3,767	3,583	(184)	(5%)	4.4%	\$20.35	High school diploma or equivalent	None	Moderate-term on-the-job training
47-5071	Roustabouts, Oil and Gas	3,263	2,819	(444)	(14%)	4.0%	\$19.30	No formal educational credential	None	Moderate-term on-the-job training
47-1011	First-Line Supervisors of Construction Trades and Extraction Workers	2,844	2,643	(201)	(7%)	3.4%	\$30.60	High school diploma or equivalent	5 years or more	None
51-2098	Miscellaneous Assemblers and Fabricators	2,400	2,100	(300)	(13%)	2.9%	\$15.38	High school diploma or equivalent	None	Moderate-term on-the-job training
47-5013	Service Unit Operators, Oil and Gas	2,178	1,848	(331)	(15%)	2.7%	\$19.01	No formal educational credential	None	Moderate-term on-the-job training
53-3032	Heavy and Tractor-Trailer Truck Drivers	2,100	1,911	(189)	(9%)	2.5%	\$23.28	Postsecondary nondegree award	None	Short-term on-the-job training
51-8093	Petroleum Pump System Operators, Refinery	2,091	2,067	(24)	(1%)	2.4%	\$37.30	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 (2020)	Median Hourly Earnings	Typical Entry Level Education	Work Experience Required	Typical On-The-Job Training
	Operators, and Gaugers									
47-5012	Rotary Drill Operators, Oil and Gas	2,025	1,717	(308)	(15%)	2.5%	\$24.70	No formal educational credential	None	Moderate-term on-the-job training
51-1011	First-Line Supervisors of Production and Operating Workers	1,958	1,855	(102)	(5%)	2.3%	\$29.44	High school diploma or equivalent	Less than 5 years	None
11-1021	General and Operations Managers	1,894	1,766	(128)	(7%)	2.2%	\$40.11	Bachelor's degree	5 years or more	None

Source: Emsi- economicmodeling.com- 2021.2

Table 15: 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 (2020)	Median Hourly Earnings	Typical Entry Level Education	Work Experience Required	Typical On-The-Job Training
47-2061	Construction Laborers	1,873	1,987	113	6%	2.1%	\$15.81	No formal educational credential	None	Short-term on-the-job training
49-9081	Wind Turbine Service Technicians	170	203	33	19%	0.2%	\$24.38	Postsecondary nondegree award	None	Long-term on-the-job training
11-9021	Construction Managers	404	431	27	7%	0.5%	\$40.14	Bachelor's degree	None	Moderate-term on-the-job training
49-9052	Telecommunications Line Installers and Repairers	291	316	25	9%	0.3%	\$27.37	High school diploma or equivalent	None	Long-term on-the-job training
47-2151	Pipelayers	396	405	9	2%	0.5%	\$17.68	No formal educational credential	None	Short-term on-the-job training
47-2031	Carpenters	195	204	9	5%	0.2%	\$20.89	High school diploma or equivalent	None	Apprenticeship
49-9051	Electrical Power-Line Installers and Repairers	1,563	1,572	8	1%	1.8%	\$32.84	High school diploma or equivalent	None	Long-term on-the-job training
49-2021	Radio, Cellular, and Tower Equipment	65	72	6	10%	0.1%	\$23.82	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 (2020)	Median Hourly Earnings	Typical Entry Level Education	Work Experience Required	Typical On-The-Job Training
	Installers and Repairers									
51-8091	Chemical Plant and System Operators	51	57	6	12%	0.1%	\$35.36	High school diploma or equivalent	None	Moderate-term on-the-job training
47-2111	Electricians	509	514	5	1%	0.6%	\$23.36	High school diploma or equivalent	None	Apprenticeship

Source: Emsi- economicmodeling.com- 2021.2

Table 16: 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 (2020)	Median Hourly Earnings	Typical Entry Level Education	Work Experience Required	Typical On-The-Job Training
13-2011	Accountants and Auditors	7,004	7,440	436	6%	6.5%	\$32.14	Bachelor's degree	None	None
43-3071	Tellers	6,983	6,331	(653)	(9%)	6.8%	\$12.74	High school diploma or equivalent	None	Short-term on-the-job training
43-4051	Customer Service Representatives	6,611	6,387	(224)	(3%)	6.3%	\$15.14	High school diploma or equivalent	None	Short-term on-the-job training
43-3031	Bookkeeping, Accounting, and Auditing Clerks	4,551	4,555	4	0%	4.3%	\$18.49	Some college, no degree	None	Moderate-term on-the-job training
15-1256	Software Developers and Software Quality Assurance Analysts and Testers	4,209	4,671	462	11%	3.9%	\$42.14	Bachelor's degree	None	None
13-2072	Loan Officers	3,652	3,596	(56)	(2%)	3.5%	\$31.92	Bachelor's degree	None	Moderate-term on-the-job training
43-1011	First-Line Supervisors of Office and Administrative Support Workers	3,526	3,407	(118)	(3%)	3.4%	\$24.45	High school diploma or equivalent	Less than 5 years	None

SOC	Description	Employed in Industry Group (2021)	Employed in Industry Group (2026)	Change (2021 - 2026)	% Change (2021 - 2026)	% of Total Jobs in Industry Group (2020)	Median Hourly Earnings	Typical Entry Level Education	Work Experience Required	Typical On-The-Job Training
43-4131	Loan Interviewers and Clerks	3,450	3,462	13	0%	3.3%	\$16.74	High school diploma or equivalent	None	Short-term on-the-job training
11-3031	Financial Managers	2,878	3,136	257	9%	2.7%	\$51.52	Bachelor's degree	5 years or more	None
11-1021	General and Operations Managers	2,560	2,689	129	5%	2.4%	\$40.11	Bachelor's degree	5 years or more	None

Source: Emsi- economicmodeling.com- 2021.2

Table 17: 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 (2020)	Median Hourly Earnings	Typical Entry Level Education	Work Experience Required	Typical On-The-Job Training
15-1256	Software Developers and Software Quality Assurance Analysts and Testers	4,209	4,671	462	11%	3.9%	\$42.14	Bachelor's degree	None	None
13-2011	Accountants and Auditors	7,004	7,440	436	6%	6.5%	\$32.14	Bachelor's degree	None	None
11-3031	Financial Managers	2,878	3,136	257	9%	2.7%	\$51.52	Bachelor's degree	5 years or more	None
11-1021	General and Operations Managers	2,560	2,689	129	5%	2.4%	\$40.11	Bachelor's degree	5 years or more	None
13-1161	Market Research Analysts and Marketing Specialists	1,243	1,367	123	10%	1.1%	\$25.91	Bachelor's degree	None	None
15-1232	Computer User Support Specialists	2,058	2,175	117	6%	1.9%	\$22.91	Some college, no degree	None	None
15-1211	Computer Systems Analysts	1,371	1,484	113	8%	1.3%	\$38.27	Bachelor's degree	None	None
13-1198	Project Management	1,353	1,463	110	8%	1.2%	\$34.87	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 (2020)	Median Hourly Earnings	Typical Entry Level Education	Work Experience Required	Typical On-The-Job Training
	Specialists and Business Operations Specialists, All Other									
13-1071	Human Resources Specialists	1,059	1,163	104	10%	1.0%	\$25.17	Bachelor's degree	None	None
11-3021	Computer and Information Systems Managers	1,524	1,618	94	6%	1.4%	\$56.31	Bachelor's degree	5 years or more	None

Source: Emsi- economicmodeling.com- 2021.2

Table 18: 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 (2020)	Median Hourly Earnings	Typical Entry Level Education	Work Experience Required	Typical On-The-Job Training
51-2098	Miscellaneous Assemblers and Fabricators	9,028	8,419	(609)	(7%)	6.8%	\$15.38	High school diploma or equivalent	None	Moderate-term on-the-job training
51-4121	Welders, Cutters, Solderers, and Brazers	7,316	7,212	(105)	(1%)	5.4%	\$20.35	High school diploma or equivalent	None	Moderate-term on-the-job training
51-1011	First-Line Supervisors of Production and Operating Workers	6,241	6,355	114	2%	4.6%	\$29.44	High school diploma or equivalent	Less than 5 years	None
51-9061	Inspectors, Testers, Sorters, Samplers, and Weighers	4,358	4,121	(237)	(5%)	3.3%	\$20.87	High school diploma or equivalent	None	Moderate-term on-the-job training
53-7062	Laborers and Freight, Stock, and Material Movers, Hand	4,345	4,522	177	4%	3.2%	\$15.08	No formal educational credential	None	Short-term on-the-job training
51-9161	Computer Numerically Controlled Tool Operators	3,588	3,506	(82)	(2%)	2.7%	\$18.30	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 (2020)	Median Hourly Earnings	Typical Entry Level Education	Work Experience Required	Typical On-The-Job Training
51-4041	Machinists	3,262	3,394	132	4%	2.4%	\$20.65	High school diploma or equivalent	None	Long-term on-the-job training
51-2028	Electrical, Electronic, and Electro-mechanical Assemblers, Except Coil Winders, Tapers, and Finishers	2,652	2,625	(27)	(1%)	2.0%	\$16.24	High school diploma or equivalent	None	Moderate-term on-the-job training
43-5071	Shipping, Receiving, and Inventory Clerks	2,422	2,369	(52)	(2%)	1.8%	\$15.65	High school diploma or equivalent	None	Short-term on-the-job training
49-9043	Maintenance Workers, Machinery	2,256	2,291	35	2%	1.7%	\$24.12	High school diploma or equivalent	None	Long-term on-the-job training

Source: Emsi- economicmodeling.com- 2021.2

Table 19: 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 (2020)	Median Hourly Earnings	Typical Entry Level Education	Work Experience Required	Typical On-The-Job Training
51-3022	Meat, Poultry, and Fish Cutters and Trimmers	1,377	1,655	279	20%	1.0%	\$12.31	No formal educational credential	None	Short-term on-the-job training
49-9041	Industrial Machinery Mechanics	1,891	2,153	262	14%	1.4%	\$26.22	High school diploma or equivalent	None	Long-term on-the-job training
51-3023	Slaughterers and Meat Packers	1,166	1,380	215	18%	0.8%	\$12.16	No formal educational credential	None	Short-term on-the-job training
17-2112	Industrial Engineers	1,577	1,782	204	13%	1.1%	\$40.90	Bachelor's degree	None	None
53-7062	Laborers and Freight, Stock, and Material Movers, Hand	4,345	4,522	177	4%	3.2%	\$15.08	No formal educational credential	None	Short-term on-the-job training
15-1256	Software Developers and Software Quality Assurance Analysts and Testers	980	1,114	134	14%	0.7%	\$42.14	Bachelor's degree	None	None
51-4041	Machinists	3,262	3,394	132	4%	2.4%	\$20.65	High school diploma or equivalent	None	Long-term on-the-job training

SOC	Description	Employed in Industry Group (2021)	Employed in Industry Group (2026)	Change (2021 - 2026)	% Change (2021 - 2026)	% of Total Jobs in Industry Group (2020)	Median Hourly Earnings	Typical Entry Level Education	Work Experience Required	Typical On-The-Job Training
51-9111	Packaging and Filling Machine Operators and Tenders	1,816	1,943	128	7%	1.3%	\$14.11	High school diploma or equivalent	None	Moderate-term on-the-job training
51-1011	First-Line Supervisors of Production and Operating Workers	6,241	6,355	114	2%	4.6%	\$29.44	High school diploma or equivalent	Less than 5 years	None
49-3011	Aircraft Mechanics and Service Technicians	1,009	1,121	112	11%	0.7%	\$28.34	Postsecondary nondegree award	None	None

Source: Emsi- economicmodeling.com- 2021.2

Table 20: 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 (2020)	Median Hourly Earnings	Typical Entry Level Education	Work Experience Required	Typical On-The-Job Training
53-3032	Heavy and Tractor-Trailer Truck Drivers	16,232	16,741	509	3%	13.3%	\$23.28	Postsecondary nondegree award	None	Short-term on-the-job training
53-7062	Laborers and Freight, Stock, and Material Movers, Hand	11,360	12,269	909	8%	9.1%	\$15.08	No formal educational credential	None	Short-term on-the-job training
41-4012	Sales Representatives, Wholesale and Manufacturing, Except Technical and Scientific Products	6,354	6,867	513	8%	5.2%	\$24.13	High school diploma or equivalent	None	Moderate-term on-the-job training
53-7065	Stockers and Order Fillers	5,835	6,266	431	7%	4.6%	\$12.93	High school diploma or equivalent	None	Short-term on-the-job training
53-7051	Industrial Truck and Tractor Operators	4,412	4,780	368	8%	3.5%	\$17.58	No formal educational credential	None	Short-term on-the-job training
41-4011	Sales Representatives, Wholesale and Manufacturing, Technical and Scientific Products	3,706	3,701	(5)	(0%)	3.1%	\$35.02	Bachelor's degree	None	Moderate-term on-the-job training

SOC	Description	Employed in Industry Group (2021)	Employed in Industry Group (2026)	Change (2021 - 2026)	% Change (2021 - 2026)	% of Total Jobs in Industry Group (2020)	Median Hourly Earnings	Typical Entry Level Education	Work Experience Required	Typical On-The-Job Training
43-4051	Customer Service Representatives	3,100	3,096	(4)	(0%)	2.6%	\$15.14	High school diploma or equivalent	None	Short-term on-the-job training
11-1021	General and Operations Managers	3,008	3,140	131	4%	2.5%	\$40.11	Bachelor's degree	5 years or more	None
53-3033	Light Truck Drivers	2,725	2,824	99	4%	2.2%	\$16.42	High school diploma or equivalent	None	Short-term on-the-job training
51-2098	Miscellaneous Assemblers and Fabricators	2,720	2,542	(178)	(7%)	2.3%	\$15.38	High school diploma or equivalent	None	Moderate-term on-the-job training

Source: Emsi- economicmodeling.com- 2021.2

Table 21: 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 (2020)	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	11,360	12,269	909	8%	9.1%	\$15.08	No formal educational credential	None	Short-term on-the-job training
41-4012	Sales Representatives, Wholesale and Manufacturing, Except Technical and Scientific Products	6,354	6,867	513	8%	5.2%	\$24.13	High school diploma or equivalent	None	Moderate-term on-the-job training
53-3032	Heavy and Tractor-Trailer Truck Drivers	16,232	16,741	509	3%	13.3%	\$23.28	Postsecondary nondegree award	None	Short-term on-the-job training
53-7065	Stockers and Order Fillers	5,835	6,266	431	7%	4.6%	\$12.93	High school diploma or equivalent	None	Short-term on-the-job training
53-7051	Industrial Truck and Tractor Operators	4,412	4,780	368	8%	3.5%	\$17.58	No formal educational credential	None	Short-term on-the-job training
53-1047	First-Line Supervisors of Transportation and Material Moving Workers, Except Aircraft Cargo	2,494	2,639	145	6%	2.0%	\$24.85	High school diploma or equivalent	Less than 5 years	None

SOC	Description	Employed in Industry Group (2021)	Employed in Industry Group (2026)	Change (2021 - 2026)	% Change (2021 - 2026)	% of Total Jobs in Industry Group (2020)	Median Hourly Earnings	Typical Entry Level Education	Work Experience Required	Typical On-The-Job Training
	Handling Supervisors									
11-1021	General and Operations Managers	3,008	3,140	131	4%	2.5%	\$40.11	Bachelor's degree	5 years or more	None
53-3033	Light Truck Drivers	2,725	2,824	99	4%	2.2%	\$16.42	High school diploma or equivalent	None	Short-term on-the-job training
53-3031	Driver/Sales Workers	1,509	1,606	97	6%	1.2%	\$13.96	High school diploma or equivalent	None	Short-term on-the-job training
49-9041	Industrial Machinery Mechanics	907	985	78	9%	0.7%	\$26.22	High school diploma or equivalent	None	Long-term on-the-job training

Source: Emsi- economicmodeling.com- 2021.2