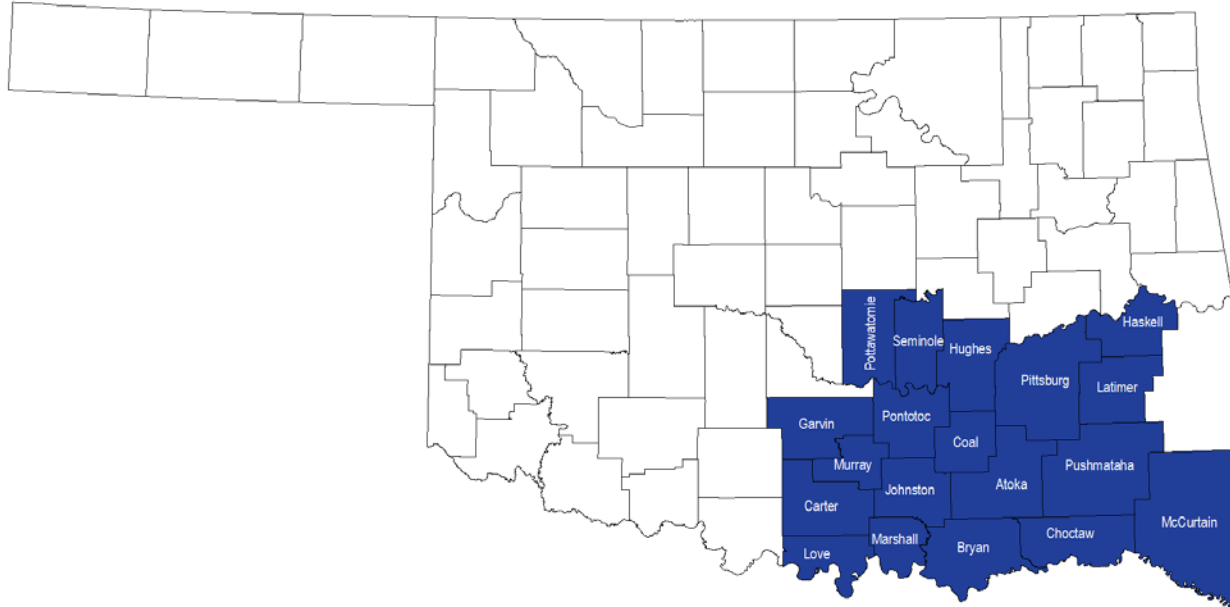


SOUTHEAST NONMETROPOLITAN AREA



2023 LOCAL BRIEFING

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Introduction

The Southeastern Oklahoma Nonmetropolitan Area is comprised of nineteen Oklahoma counties: Atoka, Bryan, Carter, Choctaw, Coal, Garvin, Haskell, Johnston, Latimer, Love, McCurtain, Marshall, Murray, Pittsburg, Pontotoc, Pottawatomie, Pushmataha, and Seminole. According to the U.S. Census Bureau, this combined region of Oklahoma covers 15,531 square miles and is home to nearly 460,000 residents. McCurtain County, the second largest county by land area in Oklahoma constitutes almost 12 percent of the Southeastern region. Marshall County, with 2.4 percent of the area, is the smallest county in the region. The following reviews the population, education, labor force, top industries by total jobs, and staffing patterns of state key industry sectors.

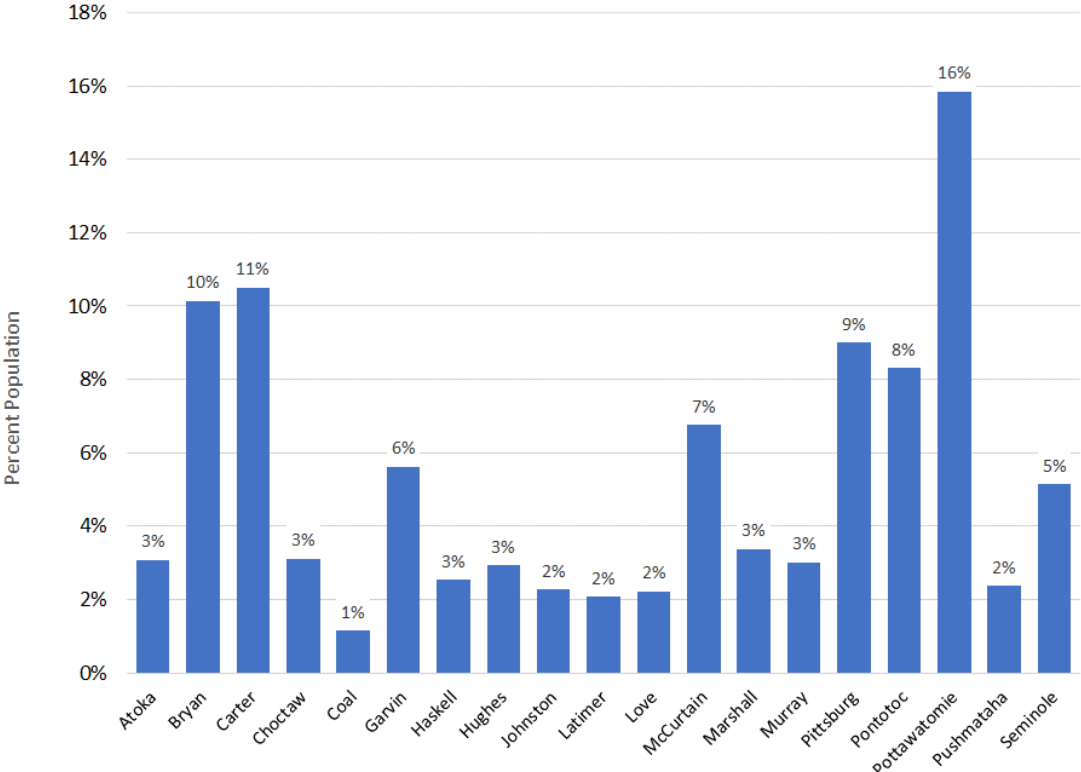
Population

Between 2017 and 2022, the population of the Southeastern Nonmetropolitan Area declined by approximately 1.9 percent, from 467,541 to 458,769, or around 8,772 fewer people. However, between 2020 and 2030, the area is expected to grow by 3.1 percent to 471,199 people. The following shows population figures and analyses by county, age, race, and ethnicity in the Southeastern Oklahoma Nonmetropolitan Area.

Population by County

Figure 1 shows the Southeastern Oklahoma Nonmetropolitan Area population breakdown by county. Pottawatomie County had the largest population, representing 16 percent of the population in the region. Carter and Bryan had the second and third largest populations at 11 and 10 percent respectively. Coal County had the smallest population, representing 1 percent of the population in the Southeastern Area.

Figure 1: Population by County



Source: U.S. Census Bureau. American Community Survey, 2022 ACS 5-Year Estimates.

Table 1, below, provides the change in Southeast Nonmetropolitan Area population by county from 2017 to 2022. During this period, only five of the counties grew in population. Bryan County added the most people during this period with an additional 1,460 (3.2 percent) people in 2022. Pottawatomie County added the second largest number of people at 1,120 (1.6 percent). McCurtain and Garvin lost the most people having declines of 2,023 and 1,945 people respectively.

Table 1: Population by County

County	2017 Population	2022 Population	Total Change	Percent Change
Atoka	13,899	14,117	218	1.6%
Bryan	45,068	46,528	1,460	3.2%
Carter	48,407	48,202	-205	-0.4%
Choctaw	14,979	14,285	-694	-4.6%
Coal	5,666	5,287	-379	-6.7%
Garvin	27,751	25,806	-1,945	-7.0%
Haskell	12,746	11,651	-1,095	-8.6%
Hughes	13,519	13,409	-110	-0.8%
Johnston	11,039	10,410	-629	-5.7%
Latimer	10,621	9,537	-1,084	-10.2%
Love	9,843	10,158	315	3.2%
McCurtain	33,026	31,003	-2,023	-6.1%
Marshall	16,226	15,494	-732	-4.5%
Murray	13,797	13,837	40	0.3%
Pittsburg	44,673	43,758	-915	-2.0%
Pontotoc	38,289	38,116	-173	-0.5%
Pottawatomie	71,614	72,734	1,120	1.6%
Pushmataha	11,132	10,845	-287	-2.6%
Seminole	25,246	23,592	-1,654	-6.6%
Total	467,541	458,769	-8,772	-1.9%

Source: U.S. Census Bureau. American Community Survey, ACS 5-Year Estimates.

Table 2 shows the projected population change from 2020 to 2030 by county. During this period, most counties in the region are projected to grow in population. Bryan County is projected to have the largest increase in population at 5,179 (11.2 percent) additional people by 2030. Notwithstanding the 2017 to 2022 actual decline, McCurtain County is projected to add the second largest number of people at 4,339 (14.1 percent). Pittsburgh County is projected to lose 2,183 (-5.0 percent) which would be the most of any county in the region.

Table 2: Projected Population by County

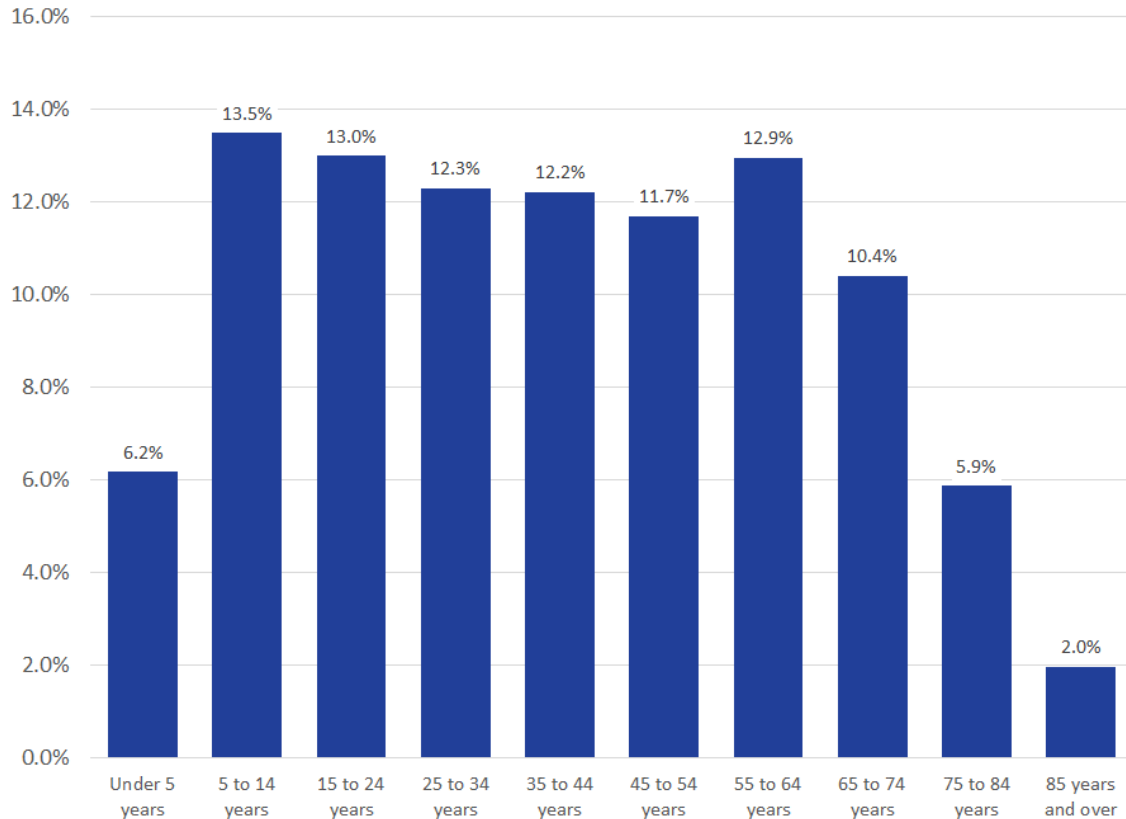
County	2020 Population	2030 Population	Total Change	Percent Change
Atoka	14,143	13,158	-985	-7.0%
Bryan	46,067	51,246	5,179	11.2%
Carter	48,003	48,872	869	1.8%
Choctaw	14,204	14,294	90	0.6%
Coal	5,266	5,179	-87	-1.7%
Garvin	25,656	27,872	2,216	8.6%
Haskell	11,561	12,343	782	6.8%
Hughes	13,367	12,793	-574	-4.3%
Johnston	10,272	10,987	715	7.0%
Latimer	9,444	9,195	-249	-2.6%
Love	10,146	10,741	595	5.9%
McCurtain	30,814	35,153	4,339	14.1%
Marshall	15,312	15,730	418	2.7%
Murray	13,904	14,250	346	2.5%
Pittsburg	43,773	41,590	-2,183	-5.0%
Pontotoc	38,065	39,157	1,092	2.9%
Pottawatomie	72,454	74,281	1,827	2.5%
Pushmataha	10,812	10,485	-327	-3.0%
Seminole	23,556	23,873	317	1.3%
Total	456,819	471,199	14,380	3.1%

Source: Oklahoma Department of Commerce. Oklahoma Population Projections, 2020-2070, March 2023.

Population by Age

Figure 2, below, shows the population by age in the Southeast Nonmetropolitan Area. In 2022, the 5-to 14-year and 15-to 24-year-old age groups represented the largest age groups in the area at 13.5 percent and 13.0 percent respectively. Those aged 85 and over represent the smallest age group in the region at 2.0 percent.

Figure 2: Population by Age



U.S. Census Bureau. 2022 American Community Survey, ACS 5-Year Estimates

Table 3, on the next page, provides the population change by age group from 2017 to 2022. During this period, most age groups declined in population. All age groups under 34 years old declined. The 35- to 44-year-old age group added the most people at 1,238. Alternatively, the 45-to 54-year-olds experienced the largest decline at 5,094 fewer people.

Table 3: Population by Age

Age	2017 Population	2022 Population	Total Change	Percent Change
Under 5 years	30,175	28,316	-1,859	-6.2%
5 to 14 years	63,005	61,809	-1,196	-1.9%
15 to 24 years	60,888	59,599	-1,289	-2.1%
25 to 34 years	57,786	56,368	-1,418	-2.5%
35 to 44 years	54,741	55,979	1,238	2.3%
45 to 54 years	58,701	53,607	-5,094	-8.7%
55 to 64 years	59,964	59,399	-565	-0.9%
65 to 74 years	47,162	47,714	552	1.2%
75 to 84 years	26,135	26,955	820	3.1%
85 years and over	8,984	9,023	39	0.4%
Total	467,541	458,769	-8,772	-1.9%

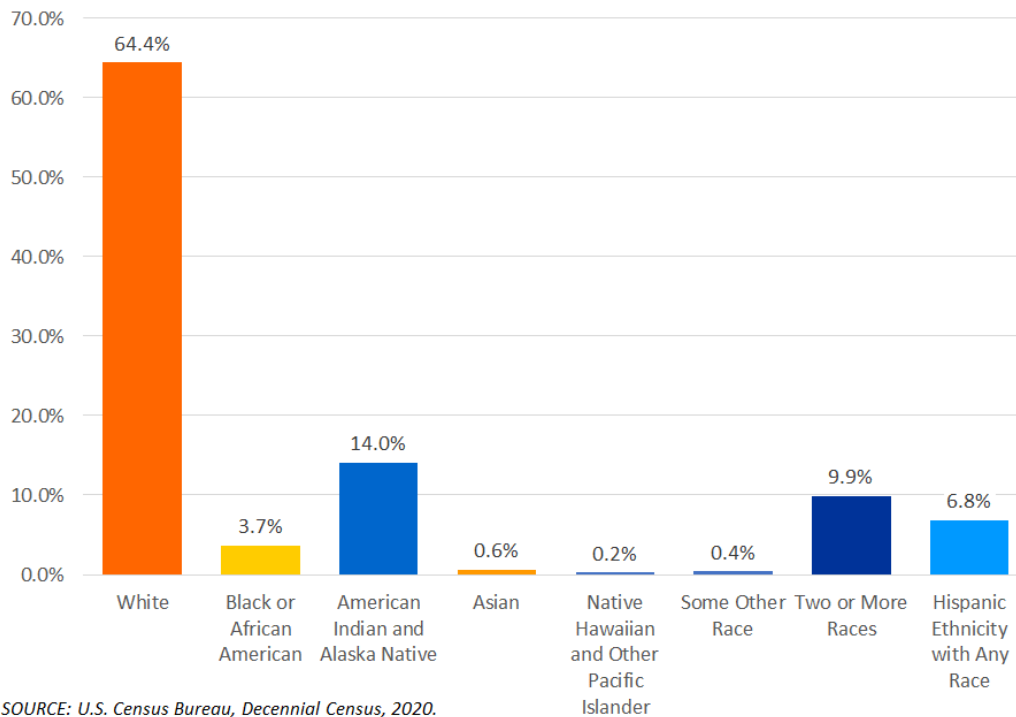
U.S. Census Bureau. American Community Survey, ACS 5-Year Estimates

Population by Race and Ethnicity

The following analyses uses the racial and ethnicity categories designated by the U.S. Census Bureau which categorizes “Hispanic Origin” as an ethnicity rather than a race. People who identify as Hispanic, Latino, or Spanish may be any race. As such, Hispanic is always reported in conjunction with another racial designator, i.e., “Black or African American, Hispanic.” Unless otherwise noted, individual races included in this briefing section were reported as non-Hispanic.

Figure 3 summarizes the Southeast Nonmetropolitan Area population by race and ethnicity in 2020. White made up the largest percentage of the population at 64.4 percent. American Indian and Alaska Natives were the second largest percentage of the population at 14.0 percent. Native Hawaiians or Pacific Islanders were the smallest percentage of the population at 0.2 percent.

Figure 3: Population by Race and Ethnicity



SOURCE: U.S. Census Bureau, Decennial Census, 2020.

Table 4 provides the population change by demographic group for Southeast Nonmetropolitan Area from 2017 to 2022. During this period, most demographic groups grew in population. Two or More Races and Hispanic Ethnicity with Any Race added the most population during this period at 5,833 (14.4 percent) and 5,013 (18.1 percent) additional people by 2022, respectively. Alternatively, Native Hawaiian or Pacific Islanders added the least in total population during this period at 319 (72.0 percent) additional people. The White, Black or African American, and American Indian and Alaska Native segments of the population are the groups estimated to have declined during this period.

Table 4: Population by Race and Ethnicity

Demographic	2017 Population	2022 Population	Total Change	Percent Change
White	325,595	306,541	-19,054	-5.9%
Black or African American	16,944	15,294	-1,650	-9.7%
American Indian and Alaska Native	53,650	53,355	-295	-0.5%
Asian	2,647	3,030	383	14.5%
Native Hawaiian and Other Pacific Islander	443	762	319	72.0%
Some Other Race	215	894	679	315.8%
Two or More Races	40,392	46,225	5,833	14.4%
Hispanic Ethnicity with Any Race	27,655	32,668	5,013	18.1%
Total	467,541	458,769	-8,772	-1.9%

SOURCE: U.S. Census Bureau. American Community Survey, ACS 5-Year Estimates.

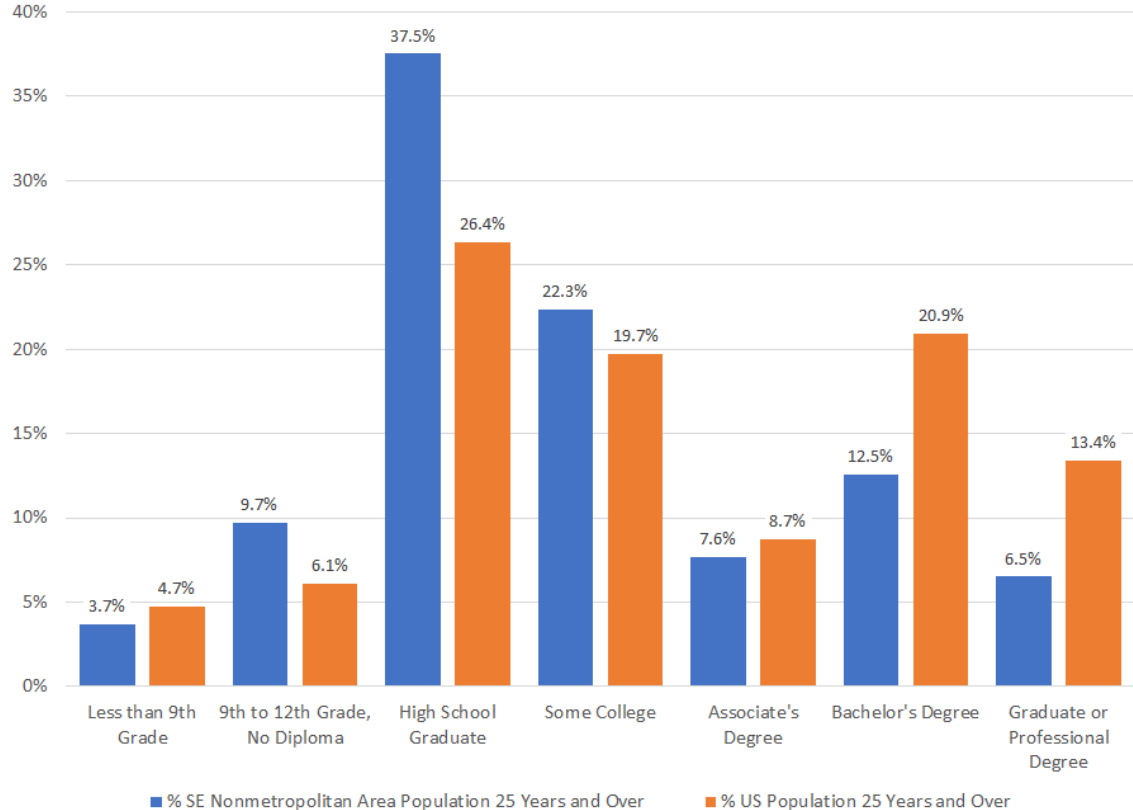
Education

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 education and skills to be competitive in today’s economy. The following section reviews Tulsa MSA’s educational attainment and provides an educational attainment mismatch analysis, and details the State’s educational assets.

Educational Attainment

Figure 4 compares Southeast Nonmetropolitan Area’s educational attainment levels with the United States educational attainment levels in 2022. In the region, High School Graduates made up the largest share of the population at 37.5 percent. This was 11.1 percentage points higher than the U.S. average of 26.4 percent. The second largest share of the population was Some College at 22.3 percent. Those with less than 9th grade educational attainment represented the smallest group at 3.7 percent, 1.0 percentage point below the national average.

Figure 4: Educational Attainment



SOURCE: U.S. Census Bureau. 2022 American Community Survey, ACS 5-Year Estimates.

Table 5 provides the change in educational attainment levels in Southeast Nonmetropolitan Area from 2017 to 2022. By 2022, more people achieved higher levels of education than in 2017, while fewer people had below high school graduate. In particular, those with Associate’s and Bachelor’s degrees grew the most during this period adding 2,193 and 2,154 more people respectively. High School Graduates declined in number by 1,088 people by 2022. Alternatively, 5,397 fewer people had an education below the High School Graduate level by 2022.

Table 5: Educational Attainment

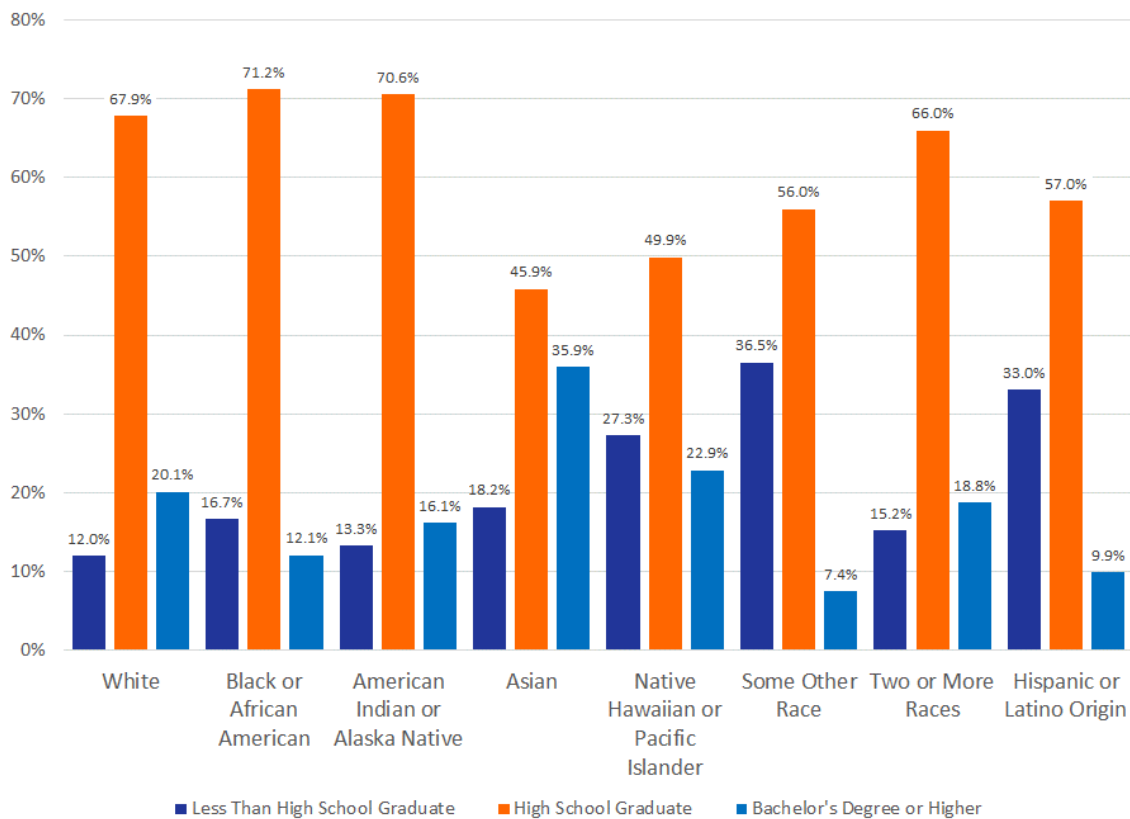
Educational Attainment	2017 Population	2022 Population	Total Change	Percent Change
Less than 9th Grade	14,268	11,448	-2,820	-19.8%
9th to 12th Grade, No Diploma	32,672	30,095	-2,577	-7.9%
High School Graduate	117,023	115,935	-1,088	-0.9%
Some College	72,449	69,035	-3,414	-4.7%
Associate's Degree	21,430	23,623	2,193	10.2%
Bachelor's Degree	36,631	38,785	2,154	5.9%
Graduate or Professional Degree	19,000	20,124	1,124	5.9%
Total	313,473	309,045	-4,428	-1.4%

SOURCE: U.S. Census Bureau. American Community Survey, ACS 5-Year Estimates.

Educational Attainment by Race and Ethnicity

Figure 5 shows the Southeast Nonmetropolitan Area’s education attainment levels by race and ethnicity in 2022. Across all racial and ethnic groups, High School Graduate represented the largest percentage of the respective population groups. Black or African American and American Indian or Alaska Native had the largest population percentage at the High School Graduate level at over 70 percent. Asian Americans had the largest population percentage at the Bachelor’s Degree or Higher level at 35.9 percent.

Figure 5: Educational Attainment by Race and Ethnicity

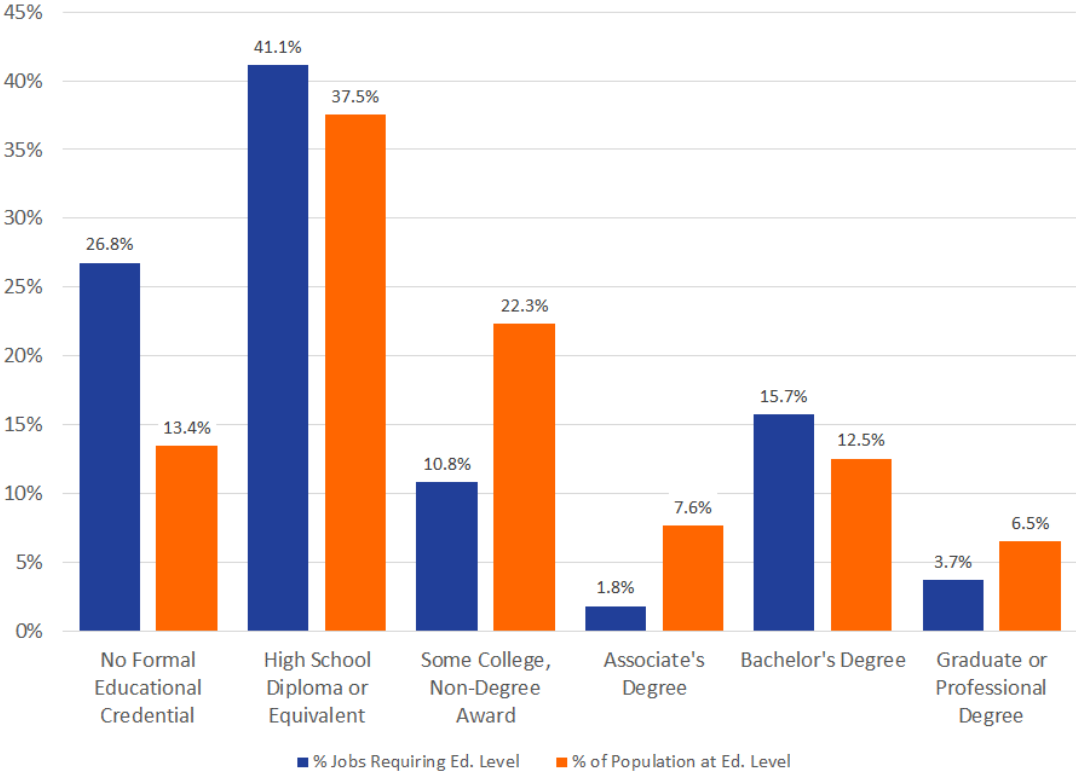


SOURCE: U.S. Census Bureau. 2022 American Community Survey, ACS 5-Year Estimates.

Educational Attainment Mismatch

Figure 6 below shows an educational attainment mismatch analysis for the Southeast Nonmetropolitan Area.¹ This compares the typical education required for jobs to the educational attainment of the population in 2022. In 2022, approximately 26.8 percent of jobs in the Southeast Area required no formal education while just 13.4 percent of the population have an education at this level. This suggests that many of these jobs may be filled by those with an education level beyond what is required. At the High School Diploma level, 41.1 percent of jobs in Southeast require this level of education while 37.5 percent of the population have this level of education. The percent of population with Some College, Non-Degree Award was 22.3 percent, while just 10.8 percent of jobs required these levels of education, suggesting underemployment. At the Bachelor’s Degree level, 12.5 percent of the population hold the degree while 15.7 percent of jobs require it. For those with a Graduate Degree or Higher, 6.5 percent of the population is prepared for 3.7 percent of the jobs in the market.

Figure 6: Educational Attainment Mismatch



Educational Assets

The Southeast Area has 19 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 8 in the Appendix details accredited institutions and their programs of study.

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. 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 OESC’s Economic Research and Analysis Division and Bureau of Labor Statistics.

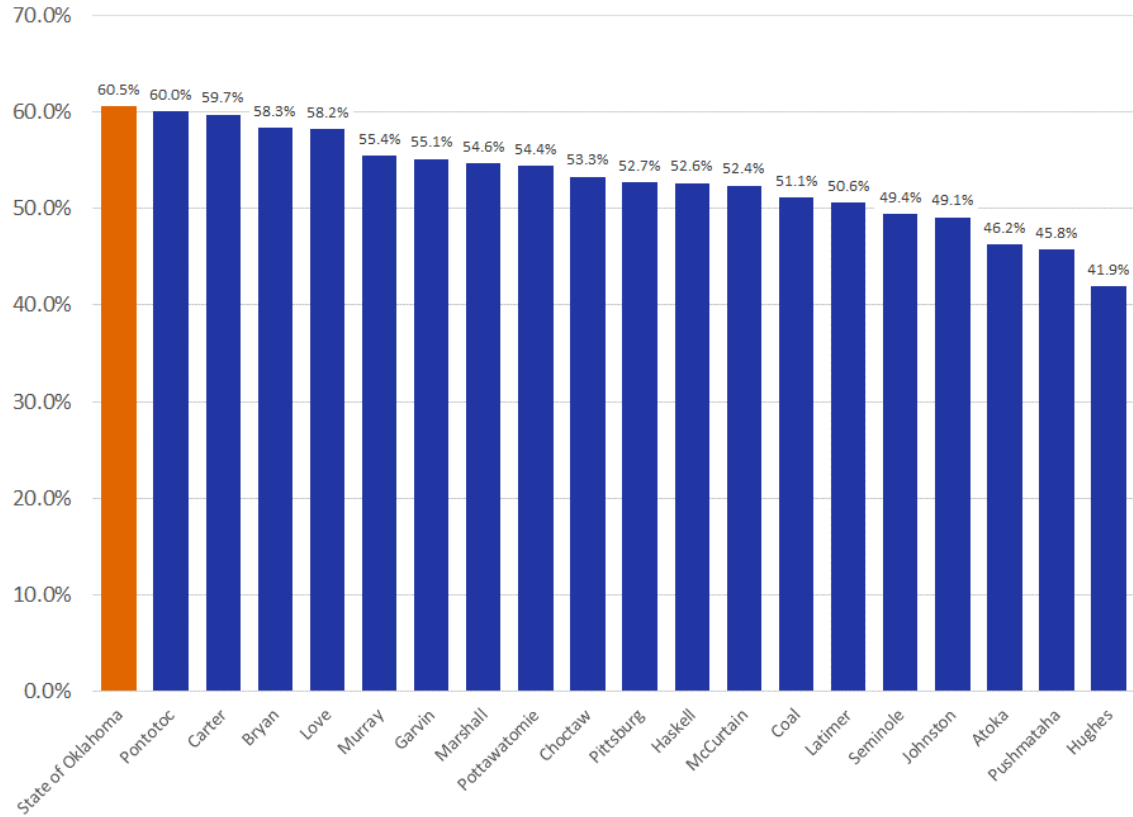
Labor Force

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

Labor Force Participation by County

Figure 7 shows the Southeast Nonmetropolitan Area labor force participation rate (LFPR) by county. In 2022, none of the counties in the region met or exceeded the Oklahoma state average labor force participation rate of 60.5 percent. The highest labor force participation rate was in Pontotoc County at 60.0 percent. The second highest was in Carter County at 59.7 percent. The third highest was in Bryan County at 58.3 percent. The lowest LFPR was in Hughes County at 41.9 percent.

Figure 7: Labor Force Participation by County, 2022



Source: U.S. Census Bureau. American Community Survey (ACS), 2022 5-Year Estimates.

Table 6, below, shows the labor force participation rate by county for the Southeast Nonmetropolitan Area from 2021 to 2022. During this period, most of the regions county labor force participation rates decreased. This follows the general decline of the state’s rate at -0.3 since 2020. Love County’s labor force participation rate grew during this period at an additional 2.2 percentage points. The rate in Johnston County decreased by the most at -2.3 percentage points.

Table 6: Labor Force Participation by County

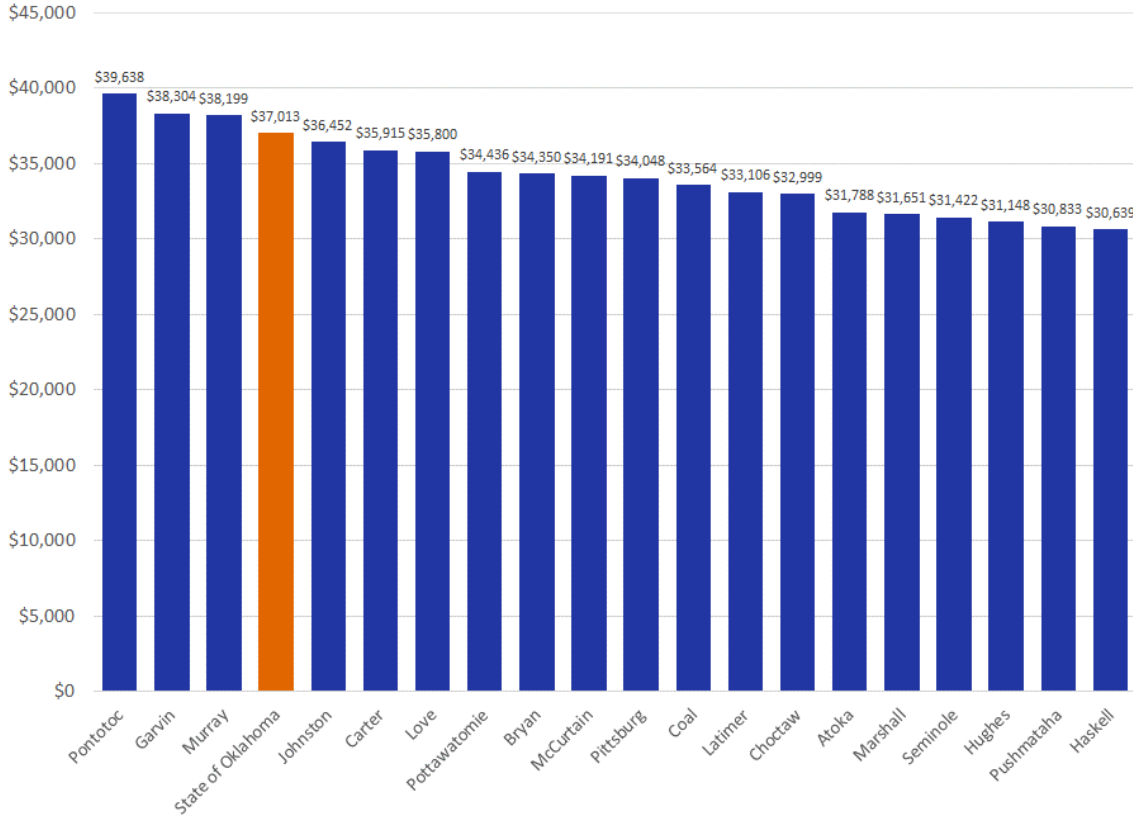
Area	LFPR 2021	LFPR 2022	Total Change
State of Oklahoma	60.8%	60.5%	-0.3%
Atoka County	45.3%	46.2%	0.9%
Bryan County	58.4%	58.3%	-0.1%
Carter County	59.6%	59.7%	0.1%
Choctaw County	53.0%	53.3%	0.2%
Coal County	52.7%	51.1%	-1.6%
Garvin County	55.4%	55.1%	-0.3%
Haskell County	53.5%	52.6%	-0.9%
Hughes County	42.7%	41.9%	-0.8%
Johnston County	51.4%	49.1%	-2.3%
Latimer County	50.3%	50.6%	0.3%
Love County	56.0%	58.2%	2.2%
Marshall County	53.6%	54.6%	1.0%
McCurtain County	51.2%	52.4%	1.2%
Murray County	57.0%	55.4%	-1.6%
Pittsburg County	53.6%	52.7%	-0.9%
Pontotoc County	60.6%	60.0%	-0.7%
Pottawatomie County	56.1%	54.4%	-1.7%
Pushmataha County	46.9%	45.8%	-1.1%
Seminole County	50.3%	49.4%	-0.9%

Source: U.S. Census Bureau. American Community Survey (ACS), 2022 5-Year Estimates.

Median Earnings

Figure 8 provides the median earnings of those that are over the age of 16 in each of Southeast Nonmetropolitan Area counties and the State of Oklahoma in 2022. The highest earnings were found in Pontotoc County at \$39,638. The second highest median earnings were Garvin County at \$38,304. The third highest were in Murray County at \$38,199. The lowest median earnings were in Haskell County at \$30,639. Overall, three of area’s counties boasted median earnings above those found at the state level, while sixteen counties fell below this level.

Figure 8: Median Earnings by County

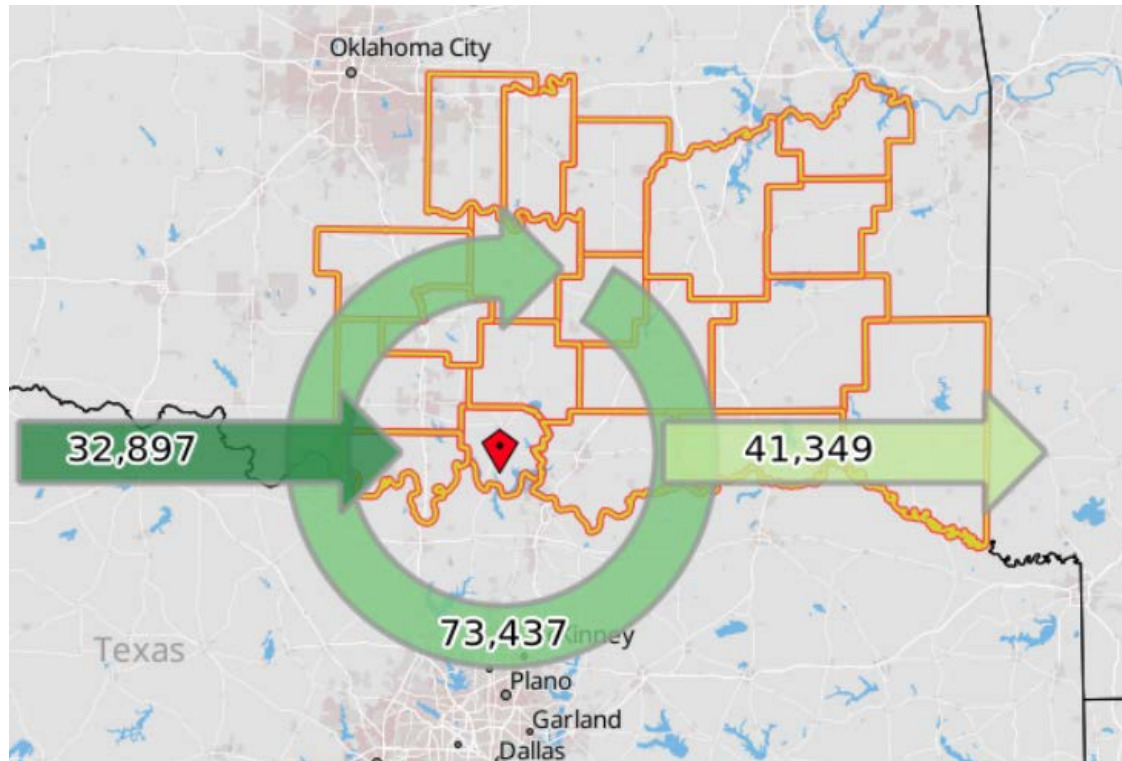


Source: U.S. Census Bureau. American Community Survey (ACS), 2022 5-Year Estimates.

Commuter Data

The U.S. Census Bureau Longitudinal Employer-Household Dynamics (LEHD) program uses data from a variety of sources including the unemployment insurance program, Quarterly Census of Employment and Wages (QCEW), and administrative data from censuses and surveys to create models estimating worker commutes for primary employment. In 2021, 32,897 (30.9 percent) worked in the Southeast Nonmetropolitan Area but did not live there, 73,437 (69.1 percent) lived and worked in the Southeast Nonmetropolitan Area, and 41,349 (36.0 percent) lived in the Southeast Nonmetropolitan Area but worked outside the area. See Figure 9 below.

Figure 9: Commuter Patterns



Source: U.S. Census Bureau, Longitudinal-Employer Household Dynamics Program (LEHD), 2021, <https://onthemap.ces.census.gov>.

Top Industries by Total Jobs

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

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

www.census.gov/eos/www/naics.

Table 7, below, shows the top ten industries in the Southeast Nonmetropolitan Area by the total number of jobs in 2022. There were an estimated 166,827 total jobs in the Southeast Area in 2022. The largest sector was Government with 51,557 jobs. The second largest sector was Retail Trade with 19,095 jobs, followed by Manufacturing with 17,315 jobs. The tenth largest sector was Mining, Quarrying, and Oil and Gas Extraction with 3,639 jobs. Together, these industries made up 81.8 percent of the total jobs in the area in 2022.

Table 7: Top Industries by Total Jobs

NAICS Code	Industry Description	2022 Jobs	Percentage of Total Employment
90	Government	51,557	30.9%
44-45	Retail Trade	19,095	11.4%
31-33	Manufacturing*	17,315	10.4%
62	Health Care and Social Assistance*	12,975	7.8%
72	Accommodation and Food Services*	11,623	7.0%
48-49	Transportation and Warehousing*	6,487	3.9%
23	Construction	6,062	3.6%
42	Wholesale Trade*	3,869	2.3%
54	Professional, Scientific, and Technical Services*	3,765	2.3%
21	Mining, Quarrying, and Oil and Gas Extraction*	3,639	2.2%

* Data for at least one county in the region does not meet BLS disclosure requirements and is not included in the statistics listed above.

SOURCE: Quarterly Census of Employment and Wages (QCEW), Bureau of Labor Statistics.

Key Sectors

This section will provide both data and analysis of key industries and occupations in Oklahoma using official labor market statistics from the Oklahoma Employment Security Commission (OESC), the U.S. Bureau of Labor Statistics (BLS), and the Census Bureau.

It is well understood that some industries are more heavily concentrated in some geographic areas than in others as individual firms have realized advantages in being close to competitors, customers, supply chain sources, etc. Knowing this policy makers can profit by understanding the long-standing (and perhaps even the emerging) economic geography of their state and sub-state regions. Using location quotients, we can identify those industries and occupation that already exist and are thriving within our state.

Utilizing 4-digit NAICS codes we have identified industries with at least 500 employees within the private and federal government sectors that have an employment concentration that is at least twice that of the nation. Table 9 in the Appendix outlines the top 4-digit NAICS industries in Oklahoma based on location quotients.

Key Occupations

Table 10 in the Appendix shows similar employment concentration data but from an occupational perspective. Here we are illustrating occupations that have LQs of at least 3.0 and at least 100 employees.

Long Term Industry and Occupational Employment Projections

Next, we transition to looking at the industry and occupational projections produced by the OESC's Economic Research & Analysis division in partnership with the U.S. Department of Labor (see Tables 11 and 12 in the Appendix). These data products are produced every-other year in accordance with national standards. They provide labor market participants with an informed guide of how current trends may play out over the next decade.

Summary

This local briefing reviewed Southeast Nonmetropolitan Area's population, educational attainment and assets, labor force information, top industry data, and key industry sectors. The Southeast Nonmetropolitan Area is one of four Nonmetropolitan Areas in Oklahoma. The Oklahoma Employment Security Commission prepares briefings for each of the Metropolitan Statistical Areas (MSAs) and four Nonmetropolitan Statistical Areas, including a state-level briefing.

Table 8: Educational Assets

Institution Name	Institution Type	City	County	Area	Degree Types
East Central University	Public	Ada	Pontotoc	Southeast	Bachelor, Master
Eastern Oklahoma State College	Public	McAlester	Pittsburg	Southeast	Associate, Certificate
Eastern Oklahoma State College	Public	Wilburton	Latimer	Southeast	Associate, Certificate
Murray State College	Public	Tishomingo	Johnston	Southeast	Associate
Murray State College	Public	Ardmore	Carter	Southeast	Associate
Seminole State College	Public	Seminole	Seminole	Southeast	Certificate, Associate
Southeastern Oklahoma State University	Public	Durant	Bryan	Southeast	Bachelor, Master
Southeastern Oklahoma State University	Public	Idabel	McCurtain	Southeast	Bachelor, Master
University Center of Southern Oklahoma	Public	Ardmore	Carter	Southeast	Associate, Bachelor
Oklahoma Baptist University	Private Non-Profit	Shawnee	Pottawatomie	Southeast	Bachelor, Master
Gordon Cooper Technology Center	Technical School	Shawnee	Pottawatomie	Southeast	Certificate
Kiamichi Technology Center	Technical School	Antlers	Pushmataha	Southeast	Certificate
Kiamichi Technology Center	Technical School	Atoka	Atoka	Southeast	Certificate
Kiamichi Technology Center	Technical School	Durant	Bryan	Southeast	Certificate
Kiamichi Technology Center	Technical School	Hugo	Choctaw	Southeast	Certificate
Kiamichi Technology Center	Technical School	Idabel	McCurtain	Southeast	Certificate
Pontotoc Technology Center	Technical School	Ada	Pontotoc	Southeast	Certificate
Southern Oklahoma Technology Center	Technical School	Ardmore	Carter	Southeast	Certificate
Wes Watkins Technology Center	Technical School	Wetumka	Hughes	Southeast	Certificate

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

Key Industries

Table 9: Industry Location Quotients (LQ)

NAICS Code	Industry Description	2022 Average Employment	2022 Average Annual Earnings	Employment LQ
Aerospace and Defense Industries				
3329	Other Fabricated Metal Product Manufacturing - Federal Government	1,634	\$67,581	39.24
9281	National Security and International Affairs	21,590	\$79,377	3.38
3364	Aerospace Product and Parts Manufacturing	11,690	\$96,525	2.16
6211	Offices of Physicians - Federal Government	693	\$91,330	2.56
Energy Industries				
4869	Other Pipeline Transportation	1,275	\$156,838	14.47
2111	Oil and Gas Extraction	11,965	\$159,860	9.8
4862	Pipeline Transportation of Natural Gas	2,248	\$118,726	6.58
2131	Support Activities for Mining	16,315	\$84,665	5.75
Agribusiness and Biosciences Industries				
1122	Hog and Pig Farming	1,636	\$49,110	5.21
4245	Farm Product Raw Material Merchant Wholesalers	1,960	\$39,219	2.59
3111	Animal Food Manufacturing	1,851	\$64,187	2.39
3253	Pesticide, Fertilizer, and Other Agricultural Chemical Manufacturing	870	\$114,517	2.14
3116	Animal Slaughtering and Processing	11,834	\$49,125	2.06
Manufacturing Industries				
3334	Ventilation, Heating, Air-Conditioning, and Commercial Refrigeration Equipment Manufacturing	6,429	\$58,148	4.18
3324	Boiler, Tank, and Shipping Container Manufacturing	4,094	\$76,039	4.11
3274	Lime and Gypsum Product Manufacturing	607	\$68,555	3.62
3262	Rubber Product Manufacturing	4,931	\$70,199	3.39
3331	Agriculture, Construction, and Mining Machinery Manufacturing	7,493	\$72,907	3.27
3312	Steel Product Manufacturing from Purchased Steel	1,567	\$73,056	2.58
3221	Pulp, Paper, and Paperboard Mills	2,385	\$80,124	2.49
3352	Household Appliance Manufacturing	1,785	\$47,029	2.37
3271	Clay Product and Refractory Manufacturing	926	\$53,039	2.35

Source: Bureau of Labor Statistics, Quarterly Census of Employment and Wages (QCEW).

Key Occupations

Table 10: Employment Location Quotients (LQ)

SOC Code	Occupational Title	2022 Employment	2022 Annual Average Wage	Employment LQ
33-9031	Gambling Surveillance Officers and Gambling Investigators	1,700	\$31,310	14.94
47-5012	Rotary Drill Operators, Oil and Gas	1,770	\$56,380	13.37
43-3041	Gambling Cage Workers	1,310	\$25,740	10.27
41-2012	Gambling Change Persons and Booth Cashiers	1,870	\$26,400	9.16
47-5032	Explosives Workers, Ordnance Handling Experts, and Blasters	420	\$50,890	8.18
47-5071	Roustabouts, Oil and Gas	3,370	\$44,660	7.94
47-5013	Service Unit Operators, Oil and Gas	2,730	\$56,330	6.92
17-2171	Petroleum Engineers	1,470	\$144,160	6.62
17-2021	Agricultural Engineers	110	\$62,890	6.56
51-8093	Petroleum Pump System Operators, Refinery Operators, and Gaugers	2,050	\$83,850	6.01
47-5081	Helpers--Extraction Workers	420	\$50,350	5.6
11-9071	Gambling Managers	270	\$66,670	5.15
49-9043	Maintenance Workers, Machinery	3,500	\$57,840	5.14
49-9081	Wind Turbine Service Technicians	540	\$53,870	5.03
49-3011	Aircraft Mechanics and Service Technicians	6090	\$75,590	4.18
19-4043	Geological Technicians, Except Hydrologic Technicians	400	\$73,300	4.05

Key Occupations

Table 10: Employment Location Quotients (LQ)

SOC Code	Occupational Title	2022 Employment	2022 Annual Average Wage	Employment LQ
47-5011	Derrick Operators, Oil and Gas	470	\$54,200	3.94
53-7073	Wellhead Pumpers	580	\$59,810	3.68
49-9091	Coin, Vending, and Amusement Machine Servicers and Repairers	1400	\$31,190	3.62
45-2011	Agricultural Inspectors	540	\$42,820	3.56
29-9021	Health Information Technologists and Medical Registrars	1340	\$49,340	3.49
39-1013	First-Line Supervisors of Gambling Services Workers	830	\$44,000	3.49
47-5051	Rock Splitters, Quarry	140	\$30,640	3.3
43-4141	New Accounts Clerks	1,610	\$37,320	3.28
51-8092	Gas Plant Operators	480	\$70,670	3.09

Source: Bureau of Labor Statistics, Occupational Employment and Wage Statistics (OEWS).

Industry and Occupational Employment Projections

Table 11: 2020-2030 Southeast Nonmetropolitan Area Industry Employment Projections

NAICS Code	Industry Description	2020 Employment	2030 Employment	Numeric Change	Percent Change
000000	Total All Industries	169,640	184,670	15,030	8.9%
000670	Self Employed and Unpaid Family Workers, All Jobs	7,080	7,090	10	0.1%
110000	Agriculture, Forestry, Fishing and Hunting	1,130	1,170	40	3.5%
210000	Mining	3,780	4,430	650	17.2%
220000	Utilities	1,270	1,310	40	3.1%
230000	Construction	5,680	6,940	1,260	22.2%
310000	Manufacturing	*	*	*	*
420000	Wholesale Trade	3,780	3,600	-180	-4.8%
440000	Retail Trade	18,320	18,350	30	0.2%
480000	Transportation and Warehousing	7,640	7,880	240	3.1%
510000	Information	1,250	1,430	170	13.6%
520000	Finance and Insurance	4,010	4,110	100	2.5%
530000	Real Estate and Rental and Leasing	1,290	1,330	40	3.1%
540000	Professional, Scientific, and Technical Services	*	*	*	*
550000	Management of Companies and Enterprises	*	*	*	*
560000	Administrative and Support and Waste Management and Remediation Services	4,920	5,420	500	10.2%
610000	Educational Services	13,650	14,760	1,110	8.1%
620000	Health Care and Social Assistance	20,790	24,110	3,320	16.0%
710000	Arts, Entertainment, and Recreation	7,070	9,180	2,110	29.8%
720000	Accommodation and Food Services	14,530	17,920	3,390	23.3%
810000	Other Services (except Government)	2,650	3,000	360	13.6%
910000	Total Federal Government Employment	3,370	3,490	120	3.6%
999200	State Government, Excluding Education and Hospitals	4,260	3,860	-410	-9.6%
999300	Local Government, Excluding Education and Hospitals	20,900	21,600	700	3.3%

Source: Employment Projections (EP) program, Oklahoma Employment Security Commission, Economic Research & Analysis Division, [Industry and Occupational Employment Projections \(oklahoma.gov\)](https://oklahoma.gov).

Industry and Occupational Employment Projections

Table 12: 2020-2030 Southeast Nonmetropolitan Area Occupational Employment Projections

SOC Code	Occupation Title	2020 Employment	2030 Employment	Numeric Change	Percent Change	Total Annual Openings	Median Annual Wage	Typical Entry Level Education	Work Experience Required	Typical On-The-Job Training
00-0000	Total, All Occupations	169,640	184,670	15,030	8.86	215,190	\$32,820			
11-1011	Chief Executives	370	340	-30	-8.17	210	\$96,700	Bachelor's degree	5 years or more	None
11-1021	General and Operations Managers	1,980	2,220	240	12.33	1,970	\$79,220	Bachelor's degree	5 years or more	None
11-1031	Legislators	280	300	20	5.65	230	\$58,750	Bachelor's degree	Less than 5 years	None
11-2021	Marketing Managers	50	60	10	18.52	60	\$89,640	Bachelor's degree	5 years or more	None
11-2022	Sales Managers	180	200	10	7.69	170	\$100,970	Bachelor's degree	Less than 5 years	None
11-3021	Computer and Information Systems Managers	170	190	20	12.21	160	80820	Bachelor's degree	5 years or more	None
11-3031	Financial Managers	510	600	90	17.88	480	\$75,240	Bachelor's degree	5 years or more	None
11-3051	Industrial Production Managers	200	210	20	8.67	150	\$98,290	Bachelor's degree	5 years or more	None
11-3121	Human Resources Managers	120	130	10	8.62	110	\$81,640	Bachelor's degree	5 years or more	None
11-9013	Farmers, Ranchers, and Other Agricultural Managers	60	60	0	-1.75	50	*	High school diploma or equivalent	5 years or more	None
11-9021	Construction Managers	180	230	50	25	190	89850	Bachelor's degree	None	Moderate-term on-the-job training
11-9031	Education and Childcare Administrators, Preschool and Daycare	160	170	20	9.55	130	\$42,290	Bachelor's degree	Less than 5 years	None
11-9032	Education Administrators, Kindergarten through Secondary	450	480	40	8.52	370	\$72,430	Master's degree	5 years or more	None
11-9033	Education Administrators, Postsecondary	160	170	10	8.33	130	\$103,810	Master's degree	Less than 5 years	None
11-9041	Architectural and Engineering Managers	120	120	0	3.36	90	\$101,740	Bachelor's degree	5 years or more	None
11-9051	Food Service Managers	350	400	60	16.18	470	\$47,820	High school diploma or equivalent	Less than 5 years	None
11-9071	Gambling Managers	60	70	10	14.29	60	\$56,660	High school diploma or equivalent	Less than 5 years	None
11-9111	Medical and Health Services Managers	690	900	210	30.47	810	\$75,770	Bachelor's degree	Less than 5 years	None
11-9131	Postmasters and Mail Superintendents	50	50	0	-1.89	40	\$76,430	High school diploma or equivalent	Less than 5 years	Moderate-term on-the-job training
11-9141	Property, Real Estate, and Community Association Managers	440	460	20	4.05	360	\$43,620	High school diploma or equivalent	Less than 5 years	None
11-9151	Social and Community Service Managers	230	260	20	9.4	230	47740	Bachelor's degree	Less than 5 years	None
11-9198	Personal Service Managers; Entertainment & Recreation Managers, Except Gambling; and Managers, All Other	280	290	10	4.63	220	\$65,510	Bachelor's degree	Less than 5 years	None
13-1020	Buyers and Purchasing Agents	310	290	-20	-5.56	280	\$47,160	Bachelor's degree	None	Moderate-term on-the-job training
13-1031	Claims Adjusters, Examiners, and Investigators	110	110	-10	-4.5	80	\$65,300	High school diploma or equivalent	None	Long-term on-the-job training
13-1041	Compliance Officers	490	520	30	5.73	420	\$49,410	Bachelor's degree	None	Moderate-term on-the-job training
13-1051	Cost Estimators	140	170	20	14.58	160	\$56,560	Bachelor's degree	None	Moderate-term on-the-job training
13-1071	Human Resources Specialists	470	510	40	9.23	500	\$46,050	Bachelor's degree	None	None
13-1081	Logisticians	140	180	30	22.22	170	\$76,800	Bachelor's degree	None	None
13-1111	Management Analysts	230	270	40	18.34	270	\$67,030	Bachelor's degree	Less than 5 years	None

Table 12: 2020-2030 Occupational Employment Projections (continued)

SOC Code	Occupation Title	2020 Employment	2030 Employment	Numeric Change	Percent Change	Total Annual Openings	Median Annual Wage	Typical Entry Level Education	Work Experience Required	Typical On-The-Job Training
13-1141	Compensation, Benefits, and Job Analysis Specialists	80	90	10	11.84	80	\$53,360	Bachelor's degree	Less than 5 years	None
13-1151	Training and Development Specialists	270	300	30	12.03	290	\$41,670	Bachelor's degree	Less than 5 years	None
13-1161	Market Research Analysts and Marketing Specialists	260	330	70	28.02	360	\$42,990	Bachelor's degree	None	None
13-1198	Project Management Specialists and Business Operations Specialists, All Other	610	640	20	3.58	470	\$61,720	Bachelor's degree	None	None
13-2011	Accountants and Auditors	1,080	1,180	110	9.94	1,090	\$58,500	Bachelor's degree	None	None
13-2020	Property Appraisers and Assessors	150	160	10	3.31	120	\$37,850	Bachelor's degree	None	Long-term on-the-job training
13-2072	Loan Officers	550	600	40	7.97	480	\$52,750	Bachelor's degree	Less than 5 years	Moderate-term on-the-job training
13-2082	Tax Preparers	240	270	30	12.18	310	\$19,690	High school diploma or equivalent	None	Moderate-term on-the-job training
13-2098	Financial and Investment Analysts, Financial Risk Specialists, and Financial Specialists, All Other	80	90	10	8.43	70	\$63,970	Bachelor's degree	None	None
15-1211	Computer Systems Analysts	90	90	0	3.53	60	\$68,970	Bachelor's degree	None	None
15-1231	Computer Network Support Specialists	120	130	10	7.44	100	\$54,010	Associate's degree	None	None
15-1232	Computer User Support Specialists	370	410	40	10.27	320	\$40,440	Some college, no degree	None	None
15-1244	Network and Computer Systems Administrators	130	130	10	4.8	90	\$63,610	Bachelor's degree	None	None
15-1245	Database Administrators and Architects	140	140	0	1.47	100	\$65,360	Bachelor's degree	None	None
15-1256	Software Developers and Software Quality Assurance Analysts and Testers	190	250	60	29.9	220	\$78,840	Bachelor's degree	None	None
15-1257	Web Developers and Digital Interface Designers	50	60	10	13.46	50	\$51,160	Bachelor's degree	None	None
15-1299	Computer Occupations, All Other	90	110	20	18.89	90	\$73,170	Bachelor's degree	None	None
17-2071	Electrical Engineers	90	110	10	13.98	80	\$105,050	Bachelor's degree	None	None
17-2081	Environmental Engineers	50	50	0	4	40	\$78,580	Bachelor's degree	None	None
17-2111	Health and Safety Engineers, Except Mining Safety Engineers and Inspectors	80	80	10	8	50	\$64,930	Bachelor's degree	None	None
17-2112	Industrial Engineers	120	150	20	16.94	100	\$83,260	Bachelor's degree	None	None
17-2141	Mechanical Engineers	200	220	20	10.05	140	\$84,050	Bachelor's degree	None	None
17-2171	Petroleum Engineers	130	150	20	13.08	110	\$85,090	Bachelor's degree	None	None
17-3011	Architectural and Civil Drafters	70	70	0	4.55	70	\$54,520	Associate's degree	None	None
17-3025	Environmental Engineering Technologists and Technicians	50	50	0	-1.85	50	\$54,550	Associate's degree	None	None
17-3027	Mechanical Engineering Technologists and Technicians	50	60	0	7.55	60	\$73,300	Associate's degree	None	None
17-3031	Surveying and Mapping Technicians	130	140	10	10.4	170	\$40,460	High school diploma or equivalent	None	Moderate-term on-the-job training
19-2041	Environmental Scientists and Specialists, Including Health	60	60	10	8.93	60	\$59,950	Bachelor's degree	None	None
19-4010	Agricultural and Food Science Technicians	90	90	10	10.59	120	\$25,710	Associate's degree	None	Moderate-term on-the-job training
19-4031	Chemical Technicians	80	90	0	4.94	90	\$52,030	Associate's degree	None	Moderate-term on-the-job training
19-5011	Occupational Health and Safety Specialists	180	190	10	7.78	150	\$66,140	Bachelor's degree	None	None
21-1012	Educational, Guidance, and Career Counselors and Advisors	440	490	50	10.98	470	\$45,330	Master's degree	None	None
21-1013	Marriage and Family Therapists	60	70	10	15	70	\$61,970	Master's degree	None	Internship/residency
21-1015	Rehabilitation Counselors	410	460	50	12.53	450	\$25,000	Master's degree	None	None
21-1018	Substance Abuse, Behavioral Disorder, and Mental Health Counselors	710	860	150	21.36	870	\$31,430	Bachelor's degree	None	None

Table 12: 2020-2030 Occupational Employment Projections (continued)

SOC Code	Occupation Title	2020 Employment	2030 Employment	Numeric Change	Percent Change	Total Annual Openings	Median Annual Wage	Typical Entry Level Education	Work Experience Required	Typical On-The-Job Training
21-1021	Child, Family, and School Social Workers	930	920	-10	-1.07	840	\$37,710	Bachelor's degree	None	None
21-1022	Healthcare Social Workers	210	240	30	14.35	240	\$50,670	Master's degree	None	Internship/residency
21-1023	Mental Health and Substance Abuse Social Workers	230	260	30	14.16	250	\$39,700	Master's degree	None	Internship/residency
21-1091	Health Education Specialists	60	70	0	4.76	70	\$50,860	Bachelor's degree	None	None
21-1092	Probation Officers and Correctional Treatment Specialists	130	130	-10	-4.55	100	\$41,060	Bachelor's degree	None	Short-term on-the-job training
21-1093	Social and Human Service Assistants	310	350	40	11.58	420	\$31,960	High school diploma or equivalent	None	Short-term on-the-job training
21-1094	Community Health Workers	180	210	30	17.51	230	\$42,080	High school diploma or equivalent	None	Short-term on-the-job training
23-1023	Judges, Magistrate Judges, and Magistrates	110	100	-10	-7.21	40	\$56,960	Doctoral or professional degree	5 years or more	Short-term on-the-job training
23-2011	Paralegals and Legal Assistants	170	200	30	20.61	230	\$41,890	Associate's degree	None	None
25-1011	Business Teachers, Postsecondary	70	80	10	6.76	80	\$63,460	Doctoral or professional degree	None	None
25-1066	Psychology Teachers, Postsecondary	60	60	10	10.34	60	*	Doctoral or professional degree	None	None
25-1071	Health Specialties Teachers, Postsecondary	50	60	10	26	60	\$57,720	Doctoral or professional degree	Less than 5 years	None
25-1121	Art, Drama, and Music Teachers, Postsecondary	80	90	10	11.11	90	*	Master's degree	None	None
25-1123	English Language and Literature Teachers, Postsecondary	60	60	0	6.78	60	*	Doctoral or professional degree	None	None
25-1194	Career/Technical Education Teachers, Postsecondary	250	260	10	4.4	240	\$50,850	Bachelor's degree	Less than 5 years	None
25-2011	Preschool Teachers, Except Special Education	620	730	100	16.51	770	\$32,020	Associate's degree	None	None
25-2012	Kindergarten Teachers, Except Special Education	230	250	20	8.85	260	\$42,080	Bachelor's degree	None	None
25-2021	Elementary School Teachers, Except Special Education	1,980	2,150	170	8.47	1,630	\$41,170	Bachelor's degree	None	None
25-2022	Middle School Teachers, Except Special and Career/Technical Education	860	940	70	8.33	710	\$43,110	Bachelor's degree	None	None
25-2031	Secondary School Teachers, Except Special and Career/Technical Education	1,430	1,560	130	8.8	1,130	\$45,600	Bachelor's degree	None	None
25-2032	Career/Technical Education Teachers, Secondary School	110	120	10	8.49	80	\$47,760	Bachelor's degree	Less than 5 years	None
25-2052	Special Education Teachers, Kindergarten and Elementary School	220	240	20	8.48	190	\$43,080	Bachelor's degree	None	None
25-2057	Special Education Teachers, Middle School	90	100	10	7.87	70	\$43,580	Bachelor's degree	None	None
25-2058	Special Education Teachers, Secondary School	200	220	20	8.59	170	\$51,050	Bachelor's degree	None	None
25-3031	Substitute Teachers, Short-Term	520	590	70	13.46	700	\$18,760	Bachelor's degree	None	None
25-3097	Teachers and Instructors, All Other, Except Substitute Teachers	460	540	80	16.49	640	\$66,090	Bachelor's degree	None	None
25-4022	Librarians and Media Collections Specialists	190	210	20	7.77	200	\$44,080	Master's degree	None	None
25-4031	Library Technicians	70	70	0	0	100	\$28,790	Postsecondary non-degree award	None	None
25-9031	Instructional Coordinators	130	140	10	7.94	130	\$65,120	Master's degree	5 years or more	None
25-9045	Teaching Assistants, Except Postsecondary	1,850	2,030	180	9.66	1,960	\$18,750	Some college, no degree	None	None
27-1024	Graphic Designers	120	120	0	3.45	110	\$37,120	Bachelor's degree	None	None
27-2022	Coaches and Scouts	160	200	40	25	280	\$39,600	Bachelor's degree	None	None
27-3023	News Analysts, Reporters, and Journalists	50	60	10	9.26	70	\$25,560	Bachelor's degree	None	None
27-3031	Public Relations Specialists	110	120	10	11.82	120	\$55,580	Bachelor's degree	None	None
27-3041	Editors	60	60	0	3.51	60	\$35,170	Bachelor's degree	Less than 5 years	None

Table 12: 2020-2030 Occupational Employment Projections (continued)

SOC Code	Occupation Title	2020 Employment	2030 Employment	Numeric Change	Percent Change	Total Annual Openings	Median Annual Wage	Typical Entry Level Education	Work Experience Required	Typical On-The-Job Training
27-3043	Writers and Authors	80	90	10	8.97	90	*	Bachelor's degree	None	Long-term on-the-job training
29-1031	Dietitians and Nutritionists	90	100	10	7.69	70	\$62,510	Bachelor's degree	None	Internship/residency
29-1041	Optometrists	60	70	10	7.94	30	\$87,050	Doctoral or professional degree	None	None
29-1051	Pharmacists	410	410	0	0.49	160	\$123,210	Doctoral or professional degree	None	None
29-1071	Physician Assistants	120	160	40	29.03	110	\$124,560	Master's degree	None	None
29-1123	Physical Therapists	220	270	40	19.64	140	\$103,930	Doctoral or professional degree	None	None
29-1126	Respiratory Therapists	130	160	30	22.83	100	\$58,550	Associate's degree	None	None
29-1127	Speech-Language Pathologists	110	130	20	22.22	100	\$60,980	Master's degree	None	Internship/residency
29-1141	Registered Nurses	2,900	3,160	260	9.04	1,830	\$62,030	Bachelor's degree	None	None
29-1171	Nurse Practitioners	210	310	100	47.85	240	\$116,150	Master's degree	None	None
29-1215	Family Medicine Physicians	130	130	10	4.69	40	*	Doctoral or professional degree	None	Internship/residency
29-1228	Physicians, All Other; and Ophthalmologists, Except Pediatric	170	180	10	7.02	60	\$77,000	Doctoral or professional degree	None	Internship/residency
29-1292	Dental Hygienists	220	240	30	11.63	160	\$90,950	Associate's degree	None	None
29-2010	Clinical Laboratory Technologists and Technicians	300	330	30	10.3	230	\$45,520	Bachelor's degree	None	None
29-2032	Diagnostic Medical Sonographers	80	90	10	17.11	70	\$64,710	Associate's degree	None	None
29-2034	Radiologic Technologists and Technicians	290	310	30	8.74	230	\$52,880	Associate's degree	None	None
29-2040	Emergency Medical Technicians and Paramedics	700	760	60	8.1	530	\$33,070	Postsecondary non-degree award	None	None
29-2052	Pharmacy Technicians	520	560	40	7.96	420	\$32,950	High school diploma or equivalent	None	Moderate-term on-the-job training
29-2055	Surgical Technologists	90	100	10	8.51	80	\$39,840	Postsecondary non-degree award	None	None
29-2057	Ophthalmic Medical Technicians	60	70	10	14.06	60	\$30,720	Postsecondary non-degree award	None	None
29-2061	Licensed Practical and Licensed Vocational Nurses	1,800	1,980	170	9.54	1,600	\$42,090	Postsecondary non-degree award	None	None
29-2081	Opticians, Dispensing	110	120	10	8.41	90	\$27,750	High school diploma or equivalent	None	Long-term on-the-job training
29-2098	Medical Dosimetrists, Medical Records Specialists, and Health Technologists and Technicians, All Other	430	460	30	7.73	350	\$34,500	Postsecondary non-degree award	None	None
29-9098	Health Information Technologists, Medical Registrars, Surgical Assistants, & Healthcare Practitioners, AO	130	140	20	11.81	110	\$39,570	Postsecondary non-degree award	None	None
31-1120	Home Health and Personal Care Aides	3,130	4,060	930	29.79	5,260	\$19,430	High school diploma or equivalent	None	Short-term on-the-job training
31-1131	Nursing Assistants	2,200	2,380	180	8.38	2,940	\$25,280	Postsecondary non-degree award	None	None
31-2011	Occupational Therapy Assistants	50	70	20	37.25	90	\$63,120	Associate's degree	None	None
31-2021	Physical Therapist Assistants	210	270	70	33.17	350	\$70,700	Associate's degree	None	None

Table 12: 2020-2030 Occupational Employment Projections (continued)

SOC Code	Occupation Title	2020 Employment	2030 Employment	Numeric Change	Percent Change	Total Annual Openings	Median Annual Wage	Typical Entry Level Education	Work Experience Required	Typical On-The-Job Training
31-9091	Dental Assistants	450	500	50	10.69	600	\$37,980	Postsecondary non-degree award	None	None
31-9092	Medical Assistants	690	810	120	17.88	990	\$28,570	Postsecondary non-degree award	None	None
31-9095	Pharmacy Aides	60	60	-10	-9.52	70	\$23,230	High school diploma or equivalent	None	Short-term on-the-job training
31-9097	Phlebotomists	120	150	30	20.49	180	\$28,640	Postsecondary non-degree award	None	None
33-1011	First-Line Supervisors of Correctional Officers	80	70	-10	-7.79	50	\$48,810	High school diploma or equivalent	Less than 5 years	None
33-1012	First-Line Supervisors of Police and Detectives	220	230	10	5.99	160	\$52,060	High school diploma or equivalent	Less than 5 years	Moderate-term on-the-job training
33-1021	First-Line Supervisors of Firefighting and Prevention Workers	70	80	10	6.76	50	\$62,890	Postsecondary non-degree award	Less than 5 years	Moderate-term on-the-job training
33-1090	Miscellaneous First-Line Supervisors, Protective Service Workers	120	140	20	20.34	150	\$46,570	High school diploma or equivalent	Less than 5 years	None
33-2011	Firefighters	380	410	40	9.28	330	\$42,970	Postsecondary non-degree award	None	Long-term on-the-job training
33-3012	Correctional Officers and Jailers	730	660	-80	-10.25	560	\$34,180	High school diploma or equivalent	None	Moderate-term on-the-job training
33-3021	Detectives and Criminal Investigators	130	130	0	-0.79	90	\$55,240	High school diploma or equivalent	Less than 5 years	Moderate-term on-the-job training
33-3051	Police and Sheriff's Patrol Officers	1,180	1,240	60	5.43	980	\$38,400	High school diploma or equivalent	None	Moderate-term on-the-job training
33-9031	Gambling Surveillance Officers and Gambling Investigators	550	630	80	14.57	850	\$30,740	High school diploma or equivalent	Less than 5 years	Moderate-term on-the-job training
33-9032	Security Guards	850	970	120	14.45	1,310	\$28,480	High school diploma or equivalent	None	Short-term on-the-job training
33-9092	Lifeguards, Ski Patrol, and Other Recreational Protective Service Workers	60	70	10	15.62	180	\$21,380	No formal educational credential	None	Short-term on-the-job training
33-9098	School Bus Monitors and Protective Service Workers, All Other	90	100	10	13.48	250	\$38,230	High school diploma or equivalent	None	Short-term on-the-job training
35-1011	Chefs and Head Cooks	130	170	30	25.76	230	\$53,600	High school diploma or equivalent	5 years or more	None
35-1012	First-Line Supervisors of Food Preparation and Serving Workers	1,870	2,320	450	23.89	3,520	\$26,560	High school diploma or equivalent	Less than 5 years	None
35-2011	Cooks, Fast Food	1,360	1,350	-10	-0.59	1,950	\$19,660	No formal educational credential	None	Short-term on-the-job training
35-2012	Cooks, Institution and Cafeteria	1,460	1,510	60	3.92	2,200	\$20,120	No formal educational credential	None	Short-term on-the-job training
35-2014	Cooks, Restaurant	2,880	4,200	1,320	45.97	6,430	\$23,360	No formal educational credential	Less than 5 years	Moderate-term on-the-job training
35-2015	Cooks, Short Order	350	400	50	12.86	580	\$18,620	No formal educational credential	None	Short-term on-the-job training
35-2021	Food Preparation Workers	560	640	80	14.03	1,110	\$19,710	No formal educational credential	None	Short-term on-the-job training

Table 12: 2020-2030 Occupational Employment Projections (continued)

SOC Code	Occupation Title	2020 Employment	2030 Employment	Numeric Change	Percent Change	Total Annual Openings	Median Annual Wage	Typical Entry Level Education	Work Experience Required	Typical On-The-Job Training
35-3011	Bartenders	830	1,070	240	28.74	1,810	\$18,860	No formal educational credential	None	Short-term on-the-job training
35-3023	Fast Food and Counter Workers	3,850	4,540	690	17.82	9,190	\$19,240	No formal educational credential	None	Short-term on-the-job training
35-3031	Waiters and Waitresses	3,380	4,110	730	21.69	7,950	\$18,470	No formal educational credential	None	Short-term on-the-job training
35-3041	Food Servers, Nonrestaurant	60	60	10	12.28	100	\$24,590	No formal educational credential	None	Short-term on-the-job training
35-9011	Dining Room and Cafeteria Attendants and Bartender Helpers	430	570	140	31.34	1,000	\$20,460	No formal educational credential	None	Short-term on-the-job training
35-9021	Dishwashers	1,100	1,340	240	21.79	2,170	\$20,000	No formal educational credential	None	Short-term on-the-job training
37-1011	First-Line Supervisors of Housekeeping and Janitorial Workers	310	350	40	12.18	410	\$32,070	High school diploma or equivalent	Less than 5 years	None
37-1012	First-Line Supervisors of Landscaping, Lawn Service, and Groundskeeping Workers	90	90	10	5.88	100	\$44,170	High school diploma or equivalent	Less than 5 years	None
37-2011	Janitors and Cleaners, Except Maids and Housekeeping Cleaners	2,390	2,620	240	10.02	3,560	\$23,110	No formal educational credential	None	Short-term on-the-job training
37-2012	Maids and Housekeeping Cleaners	1,430	1,610	180	12.68	2,190	\$21,560	No formal educational credential	None	Short-term on-the-job training
37-2021	Pest Control Workers	130	140	10	10.08	190	\$34,920	High school diploma or equivalent	None	Moderate-term on-the-job training
37-3011	Landscaping and Groundskeeping Workers	970	1,070	100	10.44	1,410	\$23,920	No formal educational credential	None	Short-term on-the-job training
39-1013	First-Line Supervisors of Gambling Services Workers	210	240	30	14.22	270	\$37,540	High school diploma or equivalent	Less than 5 years	None
39-1098	First-Line Supervisors of Personal Service & Entertainment and Recreation Workers, Exc Gambling Services	160	190	30	17.09	210	\$30,930	High school diploma or equivalent	Less than 5 years	None
39-2021	Animal Caretakers	220	280	60	27.31	420	\$29,430	High school diploma or equivalent	None	Short-term on-the-job training
39-3011	Gambling Dealers	580	670	100	16.41	1,000	\$19,410	High school diploma or equivalent	None	Short-term on-the-job training
39-3031	Ushers, Lobby Attendants, and Ticket Takers	90	170	80	93.26	380	\$18,990	No formal educational credential	None	Short-term on-the-job training
39-3091	Amusement and Recreation Attendants	100	120	20	21.57	260	\$19,150	No formal educational credential	None	Short-term on-the-job training
39-4021	Funeral Attendants	90	90	0	3.45	120	\$27,450	High school diploma or equivalent	None	Short-term on-the-job training
39-9011	Childcare Workers	1,100	1,160	60	5.82	1,620	\$20,450	High school diploma or equivalent	None	Short-term on-the-job training
39-9032	Recreation Workers	310	350	40	13.55	550	\$22,180	High school diploma or equivalent	None	Short-term on-the-job training
39-9041	Residential Advisors	190	210	20	10.64	300	\$20,770	High school diploma or equivalent	None	Short-term on-the-job training

Table 12: 2020-2030 Occupational Employment Projections (continued)

SOC Code	Occupation Title	2020 Employment	2030 Employment	Numeric Change	Percent Change	Total Annual Openings	Median Annual Wage	Typical Entry Level Education	Work Experience Required	Typical On-The-Job Training
41-1011	First-Line Supervisors of Retail Sales Workers	2,190	2,150	-40	-1.83	2,230	\$38,080	High school diploma or equivalent	Less than 5 years	None
41-1012	First-Line Supervisors of Non-Retail Sales Workers	280	260	-20	-6.05	220	\$57,430	High school diploma or equivalent	Less than 5 years	None
41-2011	Cashiers	6,270	5,920	-350	-5.55	10,670	##### #	No formal educational credential	None	Short-term on-the-job training
41-2012	Gambling Change Persons and Booth Cashiers	550	630	70	13.38	1,140	\$22,780	No formal educational credential	None	Short-term on-the-job training
41-2021	Counter and Rental Clerks	220	240	20	9.63	280	\$26,180	No formal educational credential	None	Short-term on-the-job training
41-2022	Parts Salespersons	530	580	50	9.36	710	\$28,990	No formal educational credential	None	Moderate-term on-the-job training
41-2031	Retail Salespersons	3,390	3,500	110	3.27	4,890	\$23,840	No formal educational credential	None	Short-term on-the-job training
41-3021	Insurance Sales Agents	410	470	60	14.67	450	\$36,480	High school diploma or equivalent	None	Moderate-term on-the-job training
41-3031	Securities, Commodities, and Financial Services Sales Agents	90	100	10	13.64	90	\$72,590	Bachelor's degree	None	Moderate-term on-the-job training
41-3091	Sales Representatives of Services, Except Advertising, Insurance, Financial Services, and Travel	530	570	40	7.71	670	\$38,670	High school diploma or equivalent	None	Moderate-term on-the-job training
41-4011	Sales Representatives, Wholesale and Manufacturing, Technical and Scientific Products	230	220	0	-1.33	220	\$51,020	Bachelor's degree	None	Moderate-term on-the-job training
41-4012	Sales Representatives, Wholesale and Manufacturing, Except Technical and Scientific Products	760	790	30	4.2	790	\$46,920	High school diploma or equivalent	None	Moderate-term on-the-job training
41-9022	Real Estate Sales Agents	360	380	20	4.14	330	\$62,120	High school diploma or equivalent	None	Moderate-term on-the-job training
43-1011	First-Line Supervisors of Office and Administrative Support Workers	2,030	2,050	20	0.89	2,020	\$47,350	High school diploma or equivalent	Less than 5 years	None
43-3011	Bill and Account Collectors	190	190	0	0	200	\$33,660	High school diploma or equivalent	None	Moderate-term on-the-job training
43-3021	Billing and Posting Clerks	360	370	10	2.53	380	\$32,210	High school diploma or equivalent	None	Moderate-term on-the-job training
43-3031	Bookkeeping, Accounting, and Auditing Clerks	2,030	2,050	20	1.04	2,260	\$34,090	Some college, no degree	None	Moderate-term on-the-job training
43-3041	Gambling Cage Workers	340	400	60	17.01	450	\$25,990	High school diploma or equivalent	None	Short-term on-the-job training
43-3051	Payroll and Timekeeping Clerks	180	160	-20	-11.11	150	\$41,750	High school diploma or equivalent	None	Moderate-term on-the-job training
43-3061	Procurement Clerks	120	120	0	-2.46	110	\$44,690	High school diploma or equivalent	None	Moderate-term on-the-job training
43-3071	Tellers	910	800	-110	-11.84	780	\$24,470	High school diploma or equivalent	None	Short-term on-the-job training

Table 12: 2020-2030 Occupational Employment Projections (continued)

SOC Code	Occupation Title	2020 Employment	2030 Employment	Numeric Change	Percent Change	Total Annual Openings	Median Annual Wage	Typical Entry Level Education	Work Experience Required	Typical On-The-Job Training
43-4031	Court, Municipal, and License Clerks	610	660	50	7.38	670	\$29,440	High school diploma or equivalent	None	Long-term on-the-job training
43-4051	Customer Service Representatives	1,680	1,710	40	2.09	2,160	\$28,680	High school diploma or equivalent	None	Short-term on-the-job training
43-4061	Eligibility Interviewers, Government Programs	100	110	10	5.94	100	\$49,500	High school diploma or equivalent	None	Moderate-term on-the-job training
43-4071	File Clerks	200	180	-20	-11.33	200	\$28,050	High school diploma or equivalent	None	Short-term on-the-job training
43-4081	Hotel, Motel, and Resort Desk Clerks	310	370	60	19.48	610	\$20,080	High school diploma or equivalent	None	Short-term on-the-job training
43-4111	Interviewers, Except Eligibility and Loan	210	190	-20	-7.18	230	\$30,290	High school diploma or equivalent	None	Short-term on-the-job training
43-4121	Library Assistants, Clerical	150	140	-10	-3.45	210	\$24,290	High school diploma or equivalent	None	Short-term on-the-job training
43-4131	Loan Interviewers and Clerks	420	440	10	3.33	390	\$32,470	High school diploma or equivalent	None	Short-term on-the-job training
43-4141	New Accounts Clerks	250	220	-30	-11.34	190	\$27,600	High school diploma or equivalent	None	Moderate-term on-the-job training
43-4151	Order Clerks	70	60	-10	-15.94	60	\$25,580	Some college, no degree	None	Short-term on-the-job training
43-4161	Human Resources Assistants, Except Payroll and Timekeeping	60	60	0	-4.84	60	\$40,900	Associate's degree	None	None
43-4171	Receptionists and Information Clerks	720	740	20	2.35	930	\$25,800	High school diploma or equivalent	None	Short-term on-the-job training
43-4199	Information and Record Clerks, All Other	120	120	0	3.48	130	\$37,250	High school diploma or equivalent	None	Short-term on-the-job training
43-5021	Couriers and Messengers	130	130	0	-2.34	120	\$24,270	High school diploma or equivalent	None	Short-term on-the-job training
43-5031	Public Safety Telecommunicators	240	250	10	5.91	240	\$27,890	High school diploma or equivalent	None	Moderate-term on-the-job training
43-5032	Dispatchers, Except Police, Fire, and Ambulance	150	160	10	5.92	150	\$38,830	High school diploma or equivalent	None	Moderate-term on-the-job training
43-5041	Meter Readers, Utilities	70	70	-10	-8.33	40	\$30,080	High school diploma or equivalent	None	Short-term on-the-job training
43-5051	Postal Service Clerks	220	210	0	-1.4	170	\$48,580	High school diploma or equivalent	None	Short-term on-the-job training
43-5052	Postal Service Mail Carriers	500	490	-10	-1.61	340	\$48,490	High school diploma or equivalent	None	Short-term on-the-job training
43-5061	Production, Planning, and Expediting Clerks	440	480	40	9.52	510	\$45,280	High school diploma or equivalent	None	Moderate-term on-the-job training
43-5071	Shipping, Receiving, and Inventory Clerks	820	790	-40	-4.37	730	\$32,940	High school diploma or equivalent	None	Short-term on-the-job training
43-5111	Weighers, Measurers, Checkers, and Samplers, Recordkeeping	140	160	10	8.33	150	\$40,420	High school diploma or equivalent	None	Short-term on-the-job training

Table 12: 2020-2030 Occupational Employment Projections (continued)

SOC Code	Occupation Title	2020 Employment	2030 Employment	Numeric Change	Percent Change	Total Annual Openings	Median Annual Wage	Typical Entry Level Education	Work Experience Required	Typical On-The-Job Training
47-5022	Excavating and Loading Machine and Dragline Operators, Surface Mining	70	70	0	0	90	\$40,190	High school diploma or equivalent	Less than 5 years	Moderate-term on-the-job training
47-5071	Roustabouts, Oil and Gas	570	730	160	28.65	930	\$37,650	No formal educational credential	None	Moderate-term on-the-job training
49-1011	First-Line Supervisors of Mechanics, Installers, and Repairers	770	840	70	9.11	780	\$69,010	High school diploma or equivalent	Less than 5 years	None
49-2022	Telecommunications Equipment Installers and Repairers, Except Line Installers	280	290	10	3.56	330	\$41,040	Postsecondary non-degree award	None	Moderate-term on-the-job training
49-2094	Electrical and Electronics Repairers, Commercial and Industrial Equipment	110	110	10	6.67	90	\$64,280	Postsecondary non-degree award	None	Long-term on-the-job training
49-3011	Aircraft Mechanics and Service Technicians	110	120	10	6.14	100	\$50,410	Postsecondary non-degree award	None	None
49-3021	Automotive Body and Related Repairers	120	130	10	9.02	130	\$45,830	High school diploma or equivalent	None	Long-term on-the-job training
49-3023	Automotive Service Technicians and Mechanics	800	820	20	2.49	810	\$39,150	Postsecondary non-degree award	None	Short-term on-the-job training
49-3031	Bus and Truck Mechanics and Diesel Engine Specialists	450	480	30	6.26	450	\$40,480	High school diploma or equivalent	None	Long-term on-the-job training
49-3041	Farm Equipment Mechanics and Service Technicians	60	60	0	0	50	\$35,360	High school diploma or equivalent	None	Long-term on-the-job training
49-3042	Mobile Heavy Equipment Mechanics, Except Engines	230	260	30	12.72	270	\$49,900	High school diploma or equivalent	None	Long-term on-the-job training
49-3052	Motorcycle Mechanics	70	80	10	11.43	90	\$32,840	Postsecondary non-degree award	None	Short-term on-the-job training
49-9021	Heating, Air Conditioning, and Refrigeration Mechanics and Installers	340	400	60	18.1	410	\$37,890	Postsecondary non-degree award	None	Long-term on-the-job training
49-9041	Industrial Machinery Mechanics	780	930	150	19.05	880	\$59,270	High school diploma or equivalent	None	Long-term on-the-job training
49-9043	Maintenance Workers, Machinery	570	640	80	13.45	610	\$44,060	High school diploma or equivalent	None	Long-term on-the-job training
49-9051	Electrical Power-Line Installers and Repairers	240	260	20	10.21	240	\$72,260	High school diploma or equivalent	None	Long-term on-the-job training
49-9052	Telecommunications Line Installers and Repairers	80	90	10	15.58	100	\$49,270	High school diploma or equivalent	None	Long-term on-the-job training
49-9071	Maintenance and Repair Workers, General	2,080	2,210	130	6.39	2,140	\$35,180	High school diploma or equivalent	None	Moderate-term on-the-job training
49-9091	Coin, Vending, and Amusement Machine Servicers and Repairers	170	190	20	12.5	230	\$30,790	High school diploma or equivalent	None	Short-term on-the-job training
49-9098	Helpers—Installation, Maintenance, and Repair Workers	140	150	20	14.07	200	\$22,840	High school diploma or equivalent	None	Short-term on-the-job training
49-9099	Installation, Maintenance, and Repair Workers, All Other	110	120	10	4.39	120	\$36,840	High school diploma or equivalent	None	Moderate-term on-the-job training
51-1011	First-Line Supervisors of Production and Operating Workers	1,040	1,100	60	6.06	1,110	\$60,550	High school diploma or equivalent	Less than 5 years	None
51-2028	Electrical, Electronic, and Electromechanical Assemblers, Except Coil Winders, Tapers, and Finishers	80	90	10	10	100	\$38,400	High school diploma or equivalent	None	Moderate-term on-the-job training
51-2041	Structural Metal Fabricators and Fitters	100	100	0	2.04	100	\$28,040	High school diploma or equivalent	None	Moderate-term on-the-job training

Table 12: 2020-2030 Occupational Employment Projections (continued)

SOC Code	Occupation Title	2020 Employment	2030 Employment	Numeric Change	Percent Change	Total Annual Openings	Median Annual Wage	Typical Entry Level Education	Work Experience Required	Typical On-The-Job Training
51-2090	Miscellaneous Assemblers and Fabricators	1,150	1,090	-60	-5.46	1,170	\$31,520	High school diploma or equivalent	None	Moderate-term on-the-job training
51-3011	Bakers	160	190	30	17.9	260	\$23,760	No formal educational credential	None	Long-term on-the-job training
51-3021	Butchers and Meat Cutters	150	150	0	0	180	\$26,470	No formal educational credential	None	Long-term on-the-job training
51-3022	Meat, Poultry, and Fish Cutters and Trimmers	630	670	40	6.04	780	\$28,090	No formal educational credential	None	Short-term on-the-job training
51-3023	Slaughtering and Meat Packers	370	390	20	5.69	460	\$23,660	No formal educational credential	None	Short-term on-the-job training
51-4021	Extruding and Drawing Machine Setters, Operators, and Tenders, Metal and Plastic	350	320	-20	-6.09	300	\$39,360	High school diploma or equivalent	None	Moderate-term on-the-job training
51-4031	Cutting, Punching, and Press Machine Setters, Operators, and Tenders, Metal and Plastic	300	300	0	-1.32	300	\$34,470	High school diploma or equivalent	None	Moderate-term on-the-job training
51-4041	Machinists	180	200	20	10.61	210	\$39,870	High school diploma or equivalent	None	Long-term on-the-job training
51-4072	Molding, Coremaking, and Casting Machine Setters, Operators, and Tenders, Metal and Plastic	160	160	0	-2.45	160	\$43,590	High school diploma or equivalent	None	Moderate-term on-the-job training
51-4081	Multiple Machine Tool Setters, Operators, and Tenders, Metal and Plastic	440	490	50	10.36	510	\$31,640	High school diploma or equivalent	None	Moderate-term on-the-job training
51-4121	Welders, Cutters, Solderers, and Brazers	1,040	1,150	110	10.81	1,260	\$37,940	High school diploma or equivalent	None	Moderate-term on-the-job training
51-4191	Heat Treating Equipment Setters, Operators, and Tenders, Metal and Plastic	80	70	0	-2.63	70	\$37,340	High school diploma or equivalent	None	Moderate-term on-the-job training
51-6011	Laundry and Dry-Cleaning Workers	350	390	30	9.63	520	\$18,860	No formal educational credential	None	Short-term on-the-job training
51-6031	Sewing Machine Operators	190	160	-30	-15.96	170	\$19,460	No formal educational credential	None	Short-term on-the-job training
51-7041	Sawing Machine Setters, Operators, and Tenders, Wood	160	180	20	9.15	210	\$37,900	High school diploma or equivalent	None	Moderate-term on-the-job training
51-7042	Woodworking Machine Setters, Operators, and Tenders, Except Sawing	60	70	10	11.48	70	\$35,930	High school diploma or equivalent	None	Moderate-term on-the-job training
51-8031	Water and Wastewater Treatment Plant and System Operators	340	330	-10	-2.99	290	\$37,660	High school diploma or equivalent	None	Long-term on-the-job training
51-8092	Gas Plant Operators	50	60	0	3.7	60	\$70,550	High school diploma or equivalent	None	Long-term on-the-job training
51-8093	Petroleum Pump System Operators, Refinery Operators, and Gaugers	430	440	20	3.75	460	\$75,210	High school diploma or equivalent	None	Moderate-term on-the-job training
51-9021	Crushing, Grinding, and Polishing Machine Setters, Operators, and Tenders	150	150	0	0	170	\$33,780	High school diploma or equivalent	None	Moderate-term on-the-job training
51-9023	Mixing and Blending Machine Setters, Operators, and Tenders	270	290	20	8.61	330	\$34,680	High school diploma or equivalent	None	Moderate-term on-the-job training
51-9032	Cutting and Slicing Machine Setters, Operators, and Tenders	70	70	0	1.49	80	\$29,080	High school diploma or equivalent	None	Moderate-term on-the-job training
51-9041	Extruding, Forming, Pressing, and Compacting Machine Setters, Operators, and Tenders	240	240	10	2.97	250	\$29,790	High school diploma or equivalent	None	Moderate-term on-the-job training

Table 12: 2020-2030 Occupational Employment Projections (continued)

SOC Code	Occupation Title	2020 Employment	2030 Employment	Numeric Change	Percent Change	Total Annual Openings	Median Annual Wage	Typical Entry Level Education	Work Experience Required	Typical On-The-Job Training
51-9051	Furnace, Kiln, Oven, Drier, and Kettle Operators and Tenders	70	70	10	7.25	70	\$36,930	High school diploma or equivalent	None	Moderate-term on-the-job training
51-9061	Inspectors, Testers, Sorters, Samplers, and Weighers	880	780	-100	-11.35	880	\$41,030	High school diploma or equivalent	None	Moderate-term on-the-job training
51-9111	Packaging and Filling Machine Operators and Tenders	160	170	10	3.68	180	\$30,880	High school diploma or equivalent	None	Moderate-term on-the-job training
51-9124	Coating, Painting, and Spraying Machine Setters, Operators, and Tenders	380	420	40	11.64	440	\$32,750	High school diploma or equivalent	None	Moderate-term on-the-job training
51-9161	Computer Numerically Controlled Tool Operators	490	490	0	0.2	530	\$38,030	High school diploma or equivalent	None	Moderate-term on-the-job training
51-9195	Molders, Shapers, and Casters, Except Metal and Plastic	60	60	0	5.08	70	\$30,010	High school diploma or equivalent	None	Long-term on-the-job training
51-9198	Helpers--Production Workers	470	450	-20	-3.62	630	\$28,530	High school diploma or equivalent	None	Short-term on-the-job training
51-9199	Production Workers, All Other	120	120	10	5.22	130	\$27,890	High school diploma or equivalent	None	Moderate-term on-the-job training
53-1047	FirstLine Supervisors of Transportation & Material Moving Workers, Exc Aircraft Cargo Handling Supervisor	710	740	30	4.51	800	\$56,830	High school diploma or equivalent	Less than 5 years	None
53-2012	Commercial Pilots	90	90	10	8.24	100	\$77,260	High school diploma or equivalent	None	Moderate-term on-the-job training
53-3031	Driver/Sales Workers	500	580	80	14.97	660	\$36,620	High school diploma or equivalent	None	Short-term on-the-job training
53-3032	Heavy and Tractor-Trailer Truck Drivers	4,350	4,490	150	3.38	4,950	\$48,970	Postsecondary non-degree award	None	Short-term on-the-job training
53-3033	Light Truck Drivers	840	880	40	4.42	970	\$32,720	High school diploma or equivalent	None	Short-term on-the-job training
53-3052	Bus Drivers, Transit and Intercity	80	90	20	22.67	110	\$24,170	High school diploma or equivalent	None	Moderate-term on-the-job training
53-3058	Passenger Vehicle Drivers, Except Bus Drivers, Transit and Intercity	720	810	90	12.67	970	\$19,840	No formal educational credential	None	Short-term on-the-job training
53-6021	Parking Attendants	70	80	10	14.71	120	\$23,060	No formal educational credential	None	Short-term on-the-job training
53-7021	Crane and Tower Operators	140	160	20	15.11	180	\$62,320	High school diploma or equivalent	Less than 5 years	Moderate-term on-the-job training
53-7051	Industrial Truck and Tractor Operators	1,160	1,220	60	5.53	1,340	\$39,540	No formal educational credential	None	Short-term on-the-job training
53-7061	Cleaners of Vehicles and Equipment	300	330	30	10.17	460	\$23,880	No formal educational credential	None	Short-term on-the-job training
53-7062	Laborers and Freight, Stock, and Material Movers, Hand	3,910	4,180	280	7.12	5,570	\$28,900	No formal educational credential	None	Short-term on-the-job training
53-7064	Packers and Packagers, Hand	420	420	-10	-1.42	580	\$24,120	No formal educational credential	None	Short-term on-the-job training

Table 12: 2020-2030 Occupational Employment Projections (continued)

SOC Code	Occupation Title	2020 Employment	2030 Employment	Numeric Change	Percent Change	Total Annual Openings	Median Annual Wage	Typical Entry Level Education	Work Experience Required	Typical On-The-Job Training
53-7065	Stockers and Order Fillers	2,500	2,650	150	6.09	4,120	\$27,070	High school diploma or equivalent	None	Short-term on-the-job training
53-7073	Wellhead Pumpers	200	210	10	7.18	230	\$44,740	High school diploma or equivalent	Less than 5 years	Moderate-term on-the-job training
53-7081	Refuse and Recyclable Material Collectors	280	310	30	10.56	430	\$29,860	No formal educational credential	None	Short-term on-the-job training

Source: Employment Projections (EP) program, Oklahoma Employment Security Commission, Economic Research & Analysis Division, [Industry and Occupational Employment Projections \(oklahoma.gov\)](http://oklahoma.gov).