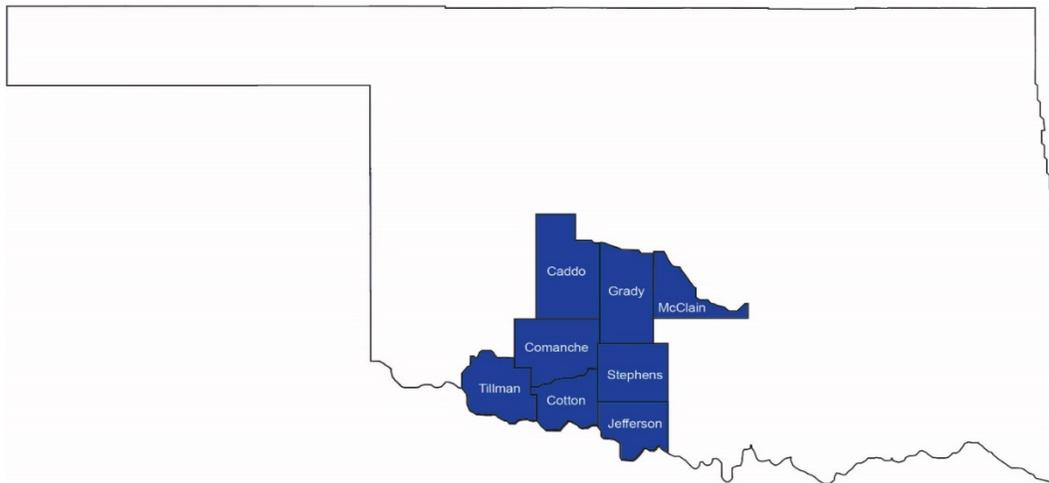


# SOUTH CENTRAL OKLAHOMA WORKFORCE DEVELOPMENT AREA



## 2020 LOCAL BRIEFING



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**Last Updated: 4/21/2020**

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## Introduction

The South Central Oklahoma Workforce Development Area (WFDA) is composed of eight Oklahoma counties: Caddo, Comanche, Cotton, Grady, Jefferson, McClain, Stephens, and Tillman. According to the U.S. Census Bureau, this combined region of Oklahoma covers 7,151 square miles and is home to over 307,000. The following briefing reviews the population, education, labor force, economic indicators, and regional industry clusters for the South Central Oklahoma WFDA.

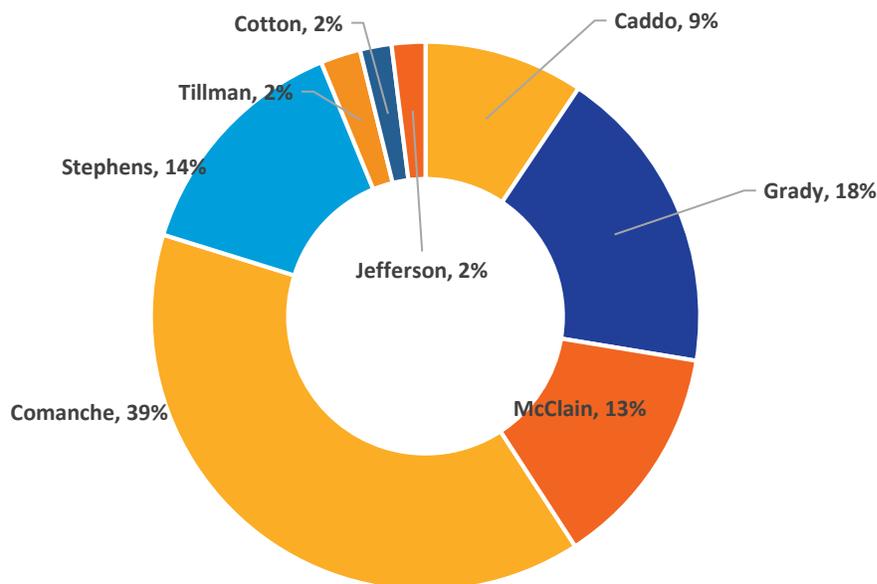
## Population Overview

Overall, the South Central WFDA population decreased by 1%. McClain County had the largest growth rate of 9%. Grady County had the second largest growth rate of 4%. Cotton County had the smallest growth rate of -7%. Density per square mile curtailed from 43 to 42 persons from 2014 to 2019. The highest density was in Comanche County with 110 persons per square mile. The second highest density was in McClain County with 70 persons per square mile. The lowest density was in Jefferson County with 8 persons per square mile.

## Population by County

Figure 1 shows the South Central WFDA percentage of population by county. This figure shows Comanche County had the largest population representing 39% of the population in South Central WFDA. Grady County had the second largest population representing 18% of the population in South Central WFDA. Tillman County, Cotton County, and Jefferson County had the smallest populations representing 2% of the population in South Central WFDA.

**Figure 1: Percentage of Population by County**



Source: Emsi- economicmodeling.com- 2020.1

Table 1 shows the population change from 2014 to 2019. The Comanche County population is 199,737 making it the largest population in South Central WFDA. Grady County population is 55,902, which is the second largest population in South Central WFDA. Cotton county population is 5,713, which is the smallest population in South Central WFDA.

**Table 1: Population Change, 2014-2019**

County	2014 Population	2019 Population	Total Change
Caddo	29,457	28,898	(558)
Grady	53,898	55,902	2,004
McClain	37,255	40,669	3,414
Comanche	124,824	119,737	(5,087)
Stephens	44,594	43,006	(1,587)
Tillman	7,684	7,264	(420)
Cotton	6,117	5,713	(404)
Jefferson	6,294	6,086	(6,294)
<b>Total</b>	<b>310,123</b>	<b>307,277</b>	<b>(2,846)</b>

Source: Emsi- economicmodeling.com- 2020.1

Table 2 shows the projected population change from 2019 to 2024. Two counties are projected to grow while all other counties are projected to decline in population.

**Table 2: Projected Population Change, 2019-2024**

County	2019 Population	2024 Population	Total Change
Caddo	28,898	28,320	(578)
Comanche	119,737	116,836	(2,901)
Cotton	5,713	5,475	(238)
Grady	55,902	57,500	1,598
Jefferson	6,086	5,918	(168)
McClain	40,669	43,243	2,574
Stephens	43,006	42,063	(944)
Tillman	7,264	6,935	(329)
<b>Total</b>	<b>307,277</b>	<b>306,291</b>	<b>(986)</b>

Source: Emsi- economicmodeling.com- 2020.1

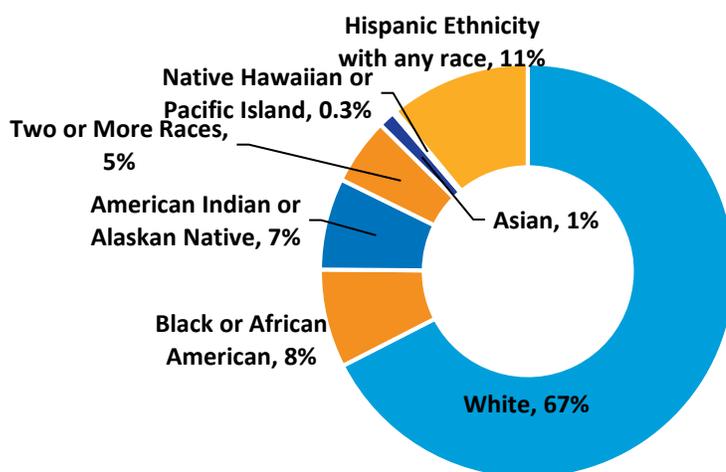
## Population by Race and Ethnicity

The following analyses used the racial categories designated by the U.S. Census Bureau. The Census Bureau categorizes "Hispanic," not as a race, but as an ethnicity. As such, Hispanic is always reported in conjunction with another racial designator, i.e. "Black or

African American, Hispanic.” Unless otherwise noted, individual races included in this briefing section were reported as Non-Hispanic.

Figure 2 provides the South Central WFDA population by Race and Ethnicity by percentage. This figure shows that white had the highest percentage of the population in at 67%. Hispanic Ethnicity with any race had the second highest percentage of the population at 11%. Native Hawaiians or Pacific Islander had the smallest amount of the population at .3%.

**Figure 2: Population by Race and Ethnicity**



Source: Emsi- economicmodeling.com- 2020.1

Table 3 provides the South Central WFDA 2019 population by Race and Ethnicity. This table show that white has the largest population at 207,319. Hispanic Ethnicity with any race had the second largest population at 33,731. Native Hawaiians or Pacific Islander had the small amount of the population at 805.

**Table 3: Population by Race & Ethnicity**

Demographic	2019 Population
White	207,319
Black or African American	23,530
American Indian or Alaskan Native	21,962
Two or More Races	15,931
Asian	3,998
Native Hawaiian or Pacific Island	805
Hispanic Ethnicity with any race	33,731

Source: Emsi- economicmodeling.com- 2020.1

## Hispanic Population

In South Central WFDA, the Hispanic Population was the largest non-white population. The Hispanic population is 33,731 in the South Central WFDA, and the Non-Hispanic population is 273,545. White and Hispanic represent the largest part of the Hispanic population at 74%. American Indian or Alaskan Native and Hispanic and Two or More Races and Hispanic are both 7% of the Hispanic population. Native Hawaiian or Pacific Islander and Hispanic is the smallest part of the Hispanic population at .4%.

**Table 4: Hispanic Population**

Demographic	2019 Population
<b>White, Hispanic</b>	25,054
<b>American Indian or Alaskan Native, Hispanic</b>	3,855
<b>Two or More Races, Hispanic</b>	2,467
<b>Black, Hispanic</b>	1,883
<b>Asian, Hispanic</b>	333
<b>Native Hawaiian or Pacific Islander, Hispanic</b>	139

Source: Emsi- [economicmodeling.com](http://economicmodeling.com)- 2020.1

## 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 South Central WFDA's educational attainment and an educational skills gap analysis.

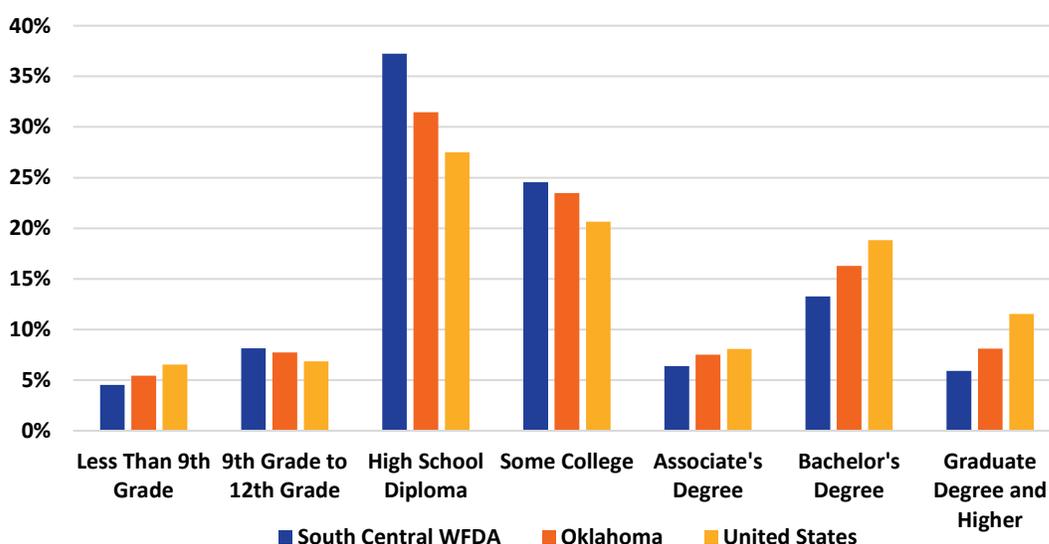
### Educational Attainment

Figure 3 shows South Central WFDA Education Attainment Level. High School Graduates had the largest population at 37%. The second highest population was in Some College at 25%. The third largest was Bachelor's Degree at 13%. The fourth largest was in 9th Grade to 12th Grade with 8% of the population. The fifth largest population was both in Graduate Degree or Higher and Associate's Degree at 6%. Lastly, the smallest population was in Less than 9th Grade with 5%.

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 16%. The fourth share highest share of the population is Graduate Degree and Higher, Associate's Degree, and 9<sup>th</sup> Grade to 12 Grade at have the same share of the population at 8%. The smallest group is less than 9<sup>th</sup> grade at 5%.

In the United States, High School Diploma had the highest share of the population 28%. The next is Some College at 21%. The third highest population is Bachelor's Degree at 16%. The fourth largest group is Graduate Degree at 12%. The fifth largest group is the Associate's Degree at 8%. Lastly the smallest groups are Less than 9<sup>th</sup> grade and 9<sup>th</sup> grade to 12<sup>th</sup> grade at 7%.

Figure 3: Education Attainment Level



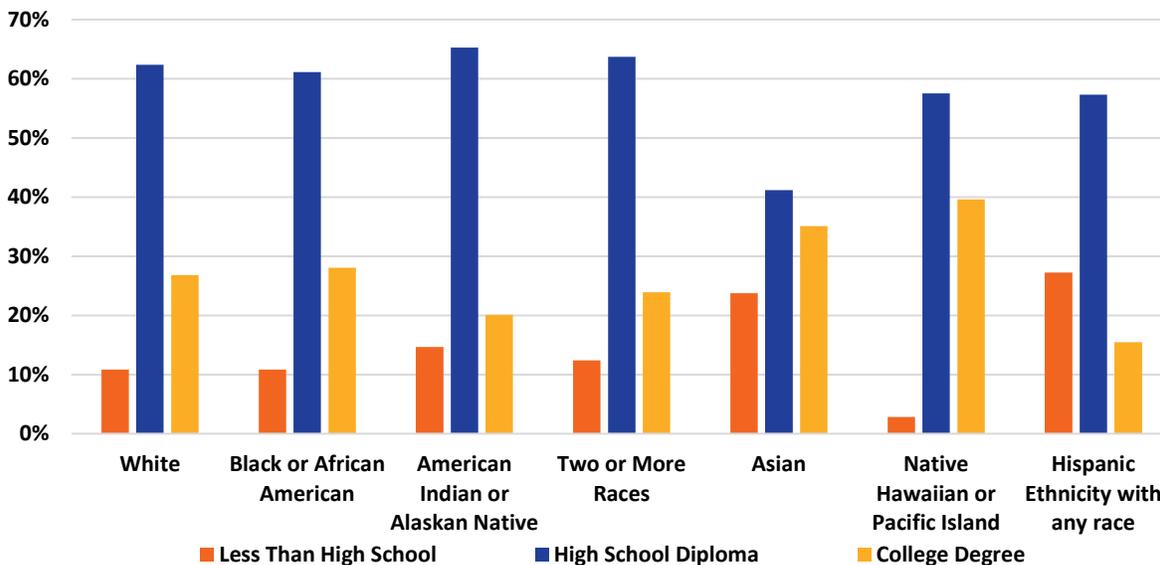
Source: Emsi- economicmodeling.com- 2020.1

High School Diploma had the largest share of the population with 126,306 individuals. Figure 4 shows the breakdown of education by race and ethnicity. White High School Graduates had the highest share of this population with 92,349. Hispanic Ethnicity with any race had the second highest share of the population with 9,904. Black or African American had the third highest share of the population with 9,152. American Indian or Alaskan Native had the fourth highest share of the population with 8,923. Two or More Races had the fifth highest share of the population with 4,448. Asian had the sixth highest share of the population with 1,229. Lastly, Native Hawaiian or Pacific Island had the smallest share of the population with 301.

College Degree had the second largest share of the population with 52,244 individuals. White had the highest share of this population with 39,707, or 19%. Black or African American second highest share of the population with 4,194. American Indian or Alaskan Native had the third highest share of the population with 2,744. Hispanic Ethnicity with any race had the fourth highest share of the population with 2,674. Two or More Races had the fifth highest share of the population with 1,669. Asian had the sixth highest share of the population with 1,047. Lastly, Native Hawaiian or Pacific Island had the smallest share of the population with 207.

Less than High School had the smallest share of the population with 25,944 individuals. White had the highest share of this population with 16,019. Hispanic Ethnicity with any race second highest share of the population with 4,707. American Indian or Alaskan Native had the third highest share of the population with 2,006. Black or African American the fourth highest share of the population with 1,622. Two or More Races had the fifth highest share of the population with 866, or .4%. Asian had the sixth highest share of the population with 709. Lastly, Native Hawaiian or Pacific Island had the smallest share of the population with 15.

Figure 4: Education Attainment Level by Race/Ethnicity



Source: Emsi- economicmodeling.com- 2020.1

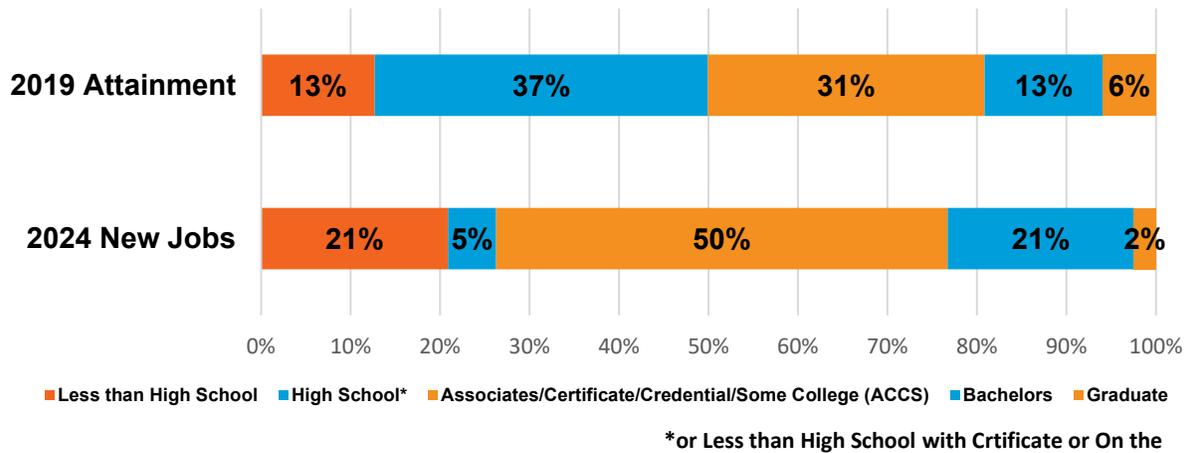
## Skills Gap

A skills gap analysis was completed. The current percentage of educational achievement of residents was directly compared to the percentage of entry level education required by newly created jobs projected to develop between 2019 and 2024.

The data in this analysis were based upon projected need estimated with historical data. The projected 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 the needs of employers if those degrees do not provide the appropriate training necessary to fulfill job requirements.

Figure 5 provides the skills gap shown by the forecast of new jobs in the next five years matched with the current level of education attainment. The greatest need or deficiency for workers is the group of Associates, Certificates, Some College, and Credential. With a deficit is 20%, from the subtraction of 50% of new jobs in 2025, and the attainment level in 2019 of 37%. The greatest surplus is those with a High School education. This surplus is 32%, from the subtraction of 5% of new jobs, and the 37% attainment in 2019.

Figure 5: Local Skills Gap Analysis



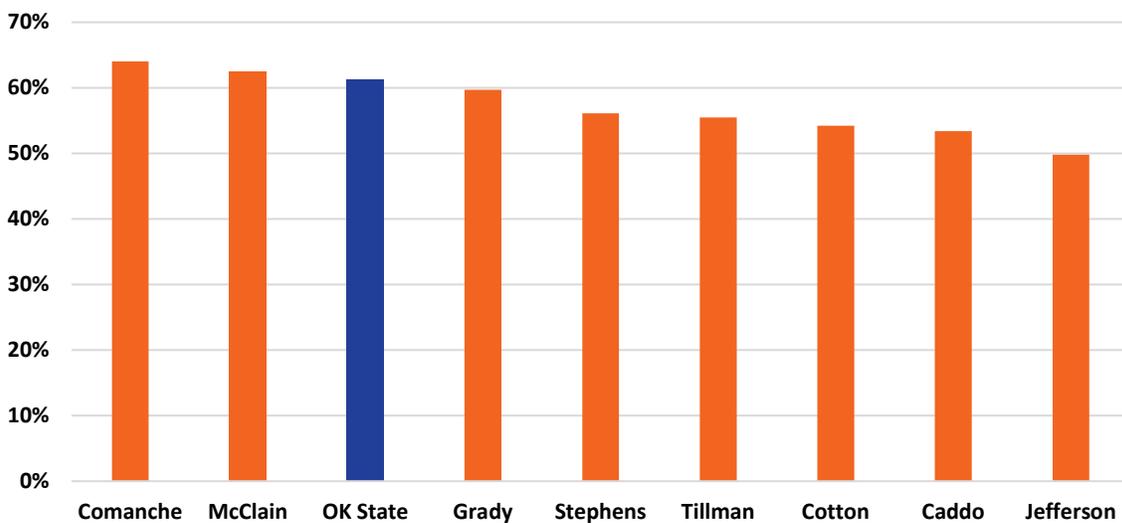
Source: Emsi- economicmodeling.com- 2020.1

## Labor Force

### Labor Force Participation by County

Figure 6 shows the South Central WFDA labor force participation rate by county. The highest percentage is in Comanche County at 64%. The second highest is in McClain County at 62.50%. The third highest is in Grady County at 59.70%. The fourth highest is in Stephens County at 56.10%. The fifth highest is in Tillman County at 55.50%. The sixth highest is in Cotton County at 54.20%. The seventh highest is in Caddo County at 53.40%. Lastly, the lowest percentage is in Jefferson County at 49.80%.

Figure 6: Labor Force Participation Rate by County



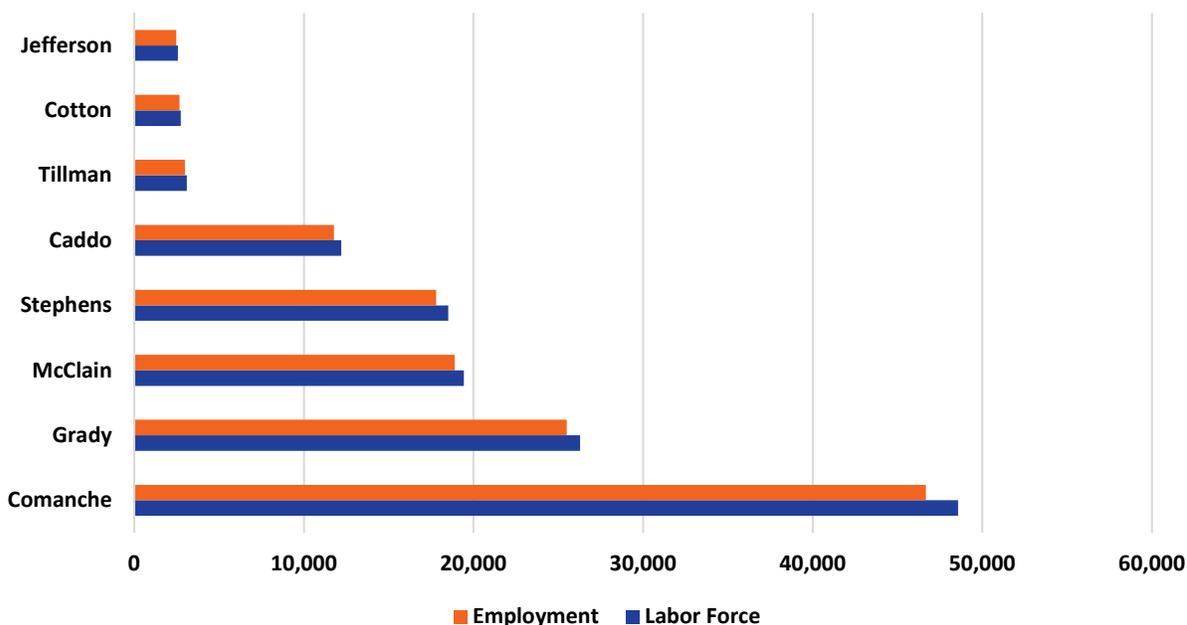
Source: American Community Survey (ACS) 2018 5-Year Estimates

## Total Employment by County

Figure 7 compares the total employment and labor force in South Central WFDA by county. The largest labor force was found in Comanche County at 48,566. The second largest is in Grady County at 26,292. The third largest is in McClain County at 19,424. The fourth largest is in Stephens County at 18,519. The fifth largest is in Caddo County at 12,201. The sixth largest is in Tillman County at 3,105. The seventh largest is in Cotton County at 2,748. The smallest labor force was in Jefferson County at 2,570.

The largest labor force was found in Comanche County at 46,668. The second largest is in Grady County at 25,489. The third largest is in McClain County at 18,887. The fourth largest is in Stephens County at 17,789. The fifth largest is in Caddo County at 11,766. The sixth largest is in Tillman County at 2,989. The seventh largest is in Cotton County at 2,662. The smallest labor force was in Jefferson County at 2,482.

Figure 7: Total Jobs by County

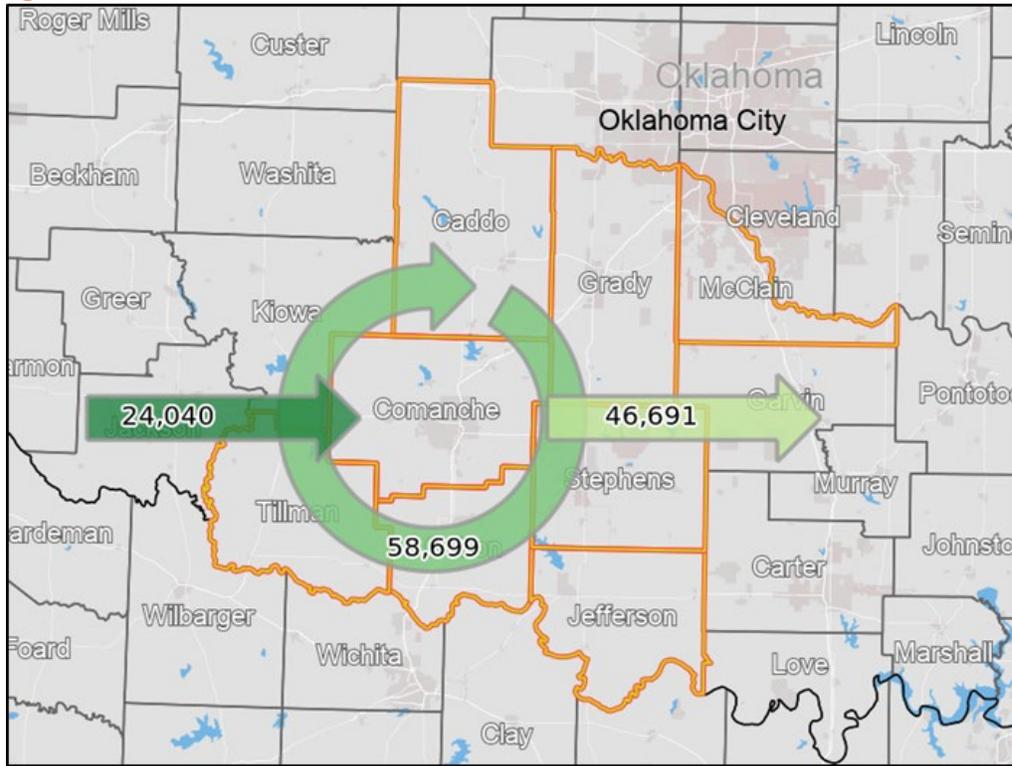


Source: 2018 Bureau of Labor Statistics (BLS), Local Area Unemployment Statistics (LAUS)

## 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 South Central WFDA, 24,040 work in the area and did not live there. 58,699 lived there and worked there. 46,691 lived in South Central WFDA and worked outside the area.

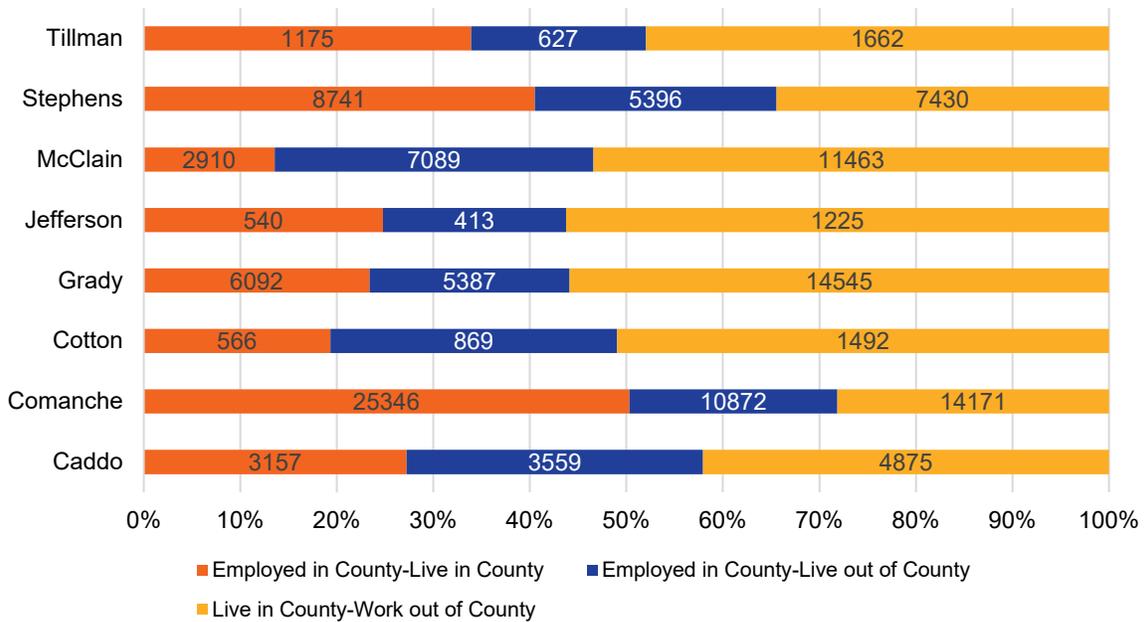
**Figure 8: Total Local Area Commuter Patterns**



Source: Center of Economic Studies (CES), OnTheMap, 2017

Figure 9 provides a county level analysis on each individual county.

**Figure 9: County Level Commuter Patterns**



Source: Center of Economic Studies (CES), OnTheMap, 2017

## Economic Indicators

### Industry Sectors 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](http://www.census.gov/eos/www/naics).

There was an estimated 106,706 number of total jobs in South Central WFDA in 2019. Table 5 shows the top ten employment industry sectors in South Central WFDA. The largest sector is Government with 39,915 jobs. The second largest sector was Retail Trade with 11,035 jobs. The tenth largest sectors was Professional, Scientific, and Technical Services with 3,294 jobs.

**Table 5: Top Industry Sectors by Total Number of Jobs**

NAICS	Description	2019 Jobs	Percentage of Total Employment
90	Government	36,915	34.60%
44	Retail Trade	11,035	10.34%
62	Health Care and Social Assistance	9,123	8.55%
72	Accommodation and Food Services	8,679	8.13%
31	Manufacturing	7,633	7.15%
23	Construction	5,114	4.79%
56	Administrative and Support and Waste Management and Remediation Services	4,081	3.82%
81	Other Services (except Public Administration)	3,947	3.70%
52	Finance and Insurance	3,302	3.09%
54	Professional, Scientific, and Technical Services	3,294	3.09%

Source: Emsi- [economicmodeling.com](http://economicmodeling.com)- 2020.1

### Top Occupations by Total Jobs

The Standard Occupational Classification (SOC) system is used by Federal statistical agencies to classify workers into occupational categories for the purpose of collecting, calculating, or disseminating data. Additional analyses that follow are based upon data

examined utilizing SOC occupational codes. The following information is provided to enhance understanding of the framework of these analyses.

All workers are classified into one of 840 detailed occupations according to their occupational definition. To facilitate classification, detailed occupations are combined to form 461 broad occupations, 97 minor groups, and 23 major groups. Detailed occupations in the SOC with similar job duties, and in some cases, skills, education, and/or training, are grouped together. Recently, the 2018 system for SOC was implemented, replacing the 2010 version. Additional information is available at [www.bls.gov/soc/](http://www.bls.gov/soc/).

Table 6 is the top occupation by total number of jobs in the South Central WFDA. Military-only occupations has the highest number of jobs at 5,844. Cashiers had the second highest number of jobs at 3,430. The tenth highest number of jobs is found in Registered Nurses at 1,505.

**Table 6: Top Occupations by Total Number of Jobs**

SOC	Description	2019 Jobs	2024 Jobs	2019 - 2024 Change	Median Hourly Earnings	Typical On-The-Job Training
55-9999	Military-only occupations	5,844	5,735	(109)	\$16.01	N/A
41-2011	Cashiers	3,430	3,399	(31)	\$9.19	Short-term on-the-job training
41-2031	Retail Salespersons	2,681	2,687	6	\$10.69	Short-term on-the-job training
43-9061	Office Clerks, General	2,276	2,273	(3)	\$12.61	Short-term on-the-job training
35-3031	Waiters and Waitresses	1,868	2,072	204	\$8.84	Short-term on-the-job training
35-3021	Combined Food Preparation and Serving Workers, Including Fast Food	1,856	1,982	126	\$8.88	Short-term on-the-job training
43-6014	Secretaries and Administrative Assistants, Except Legal, Medical, and Executive	1,809	1,763	(46)	\$13.58	Short-term on-the-job training
53-7062	Laborers and Freight, Stock, and Material Movers, Hand	1,746	1,834	88	\$12.12	Short-term on-the-job training
37-2011	Janitors and Cleaners, Except Maids and Housekeeping Cleaners	1,543	1,610	67	\$10.67	Short-term on-the-job training
29-1141	Registered Nurses	1,505	1,578	73	\$26.74	None

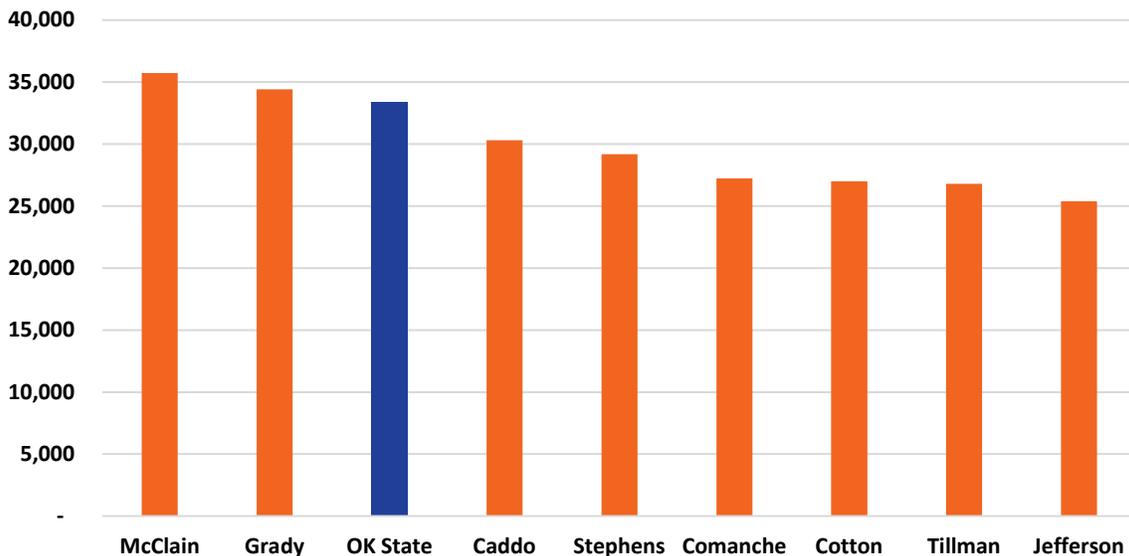
Source: Emsi- [economicmodeling.com](http://economicmodeling.com)- 2020.1

## Median Wage

Figure 10 provides the median wage of those over the age of 16. The highest wage was found in McClain County at \$35,728. The second highest wage was in Grady County at

\$34,411. The third highest was in Caddo County at \$30,300. The fourth highest wages were found in Stephens County at 29,172. Comanche County has the fifth highest wages at \$27,229. The sixth highest wage was in Cotton County at \$26,990. The seventh highest wages were in Tillman County at \$26,799. Lastly, the lowest median wage is in Jefferson County at \$25,375.

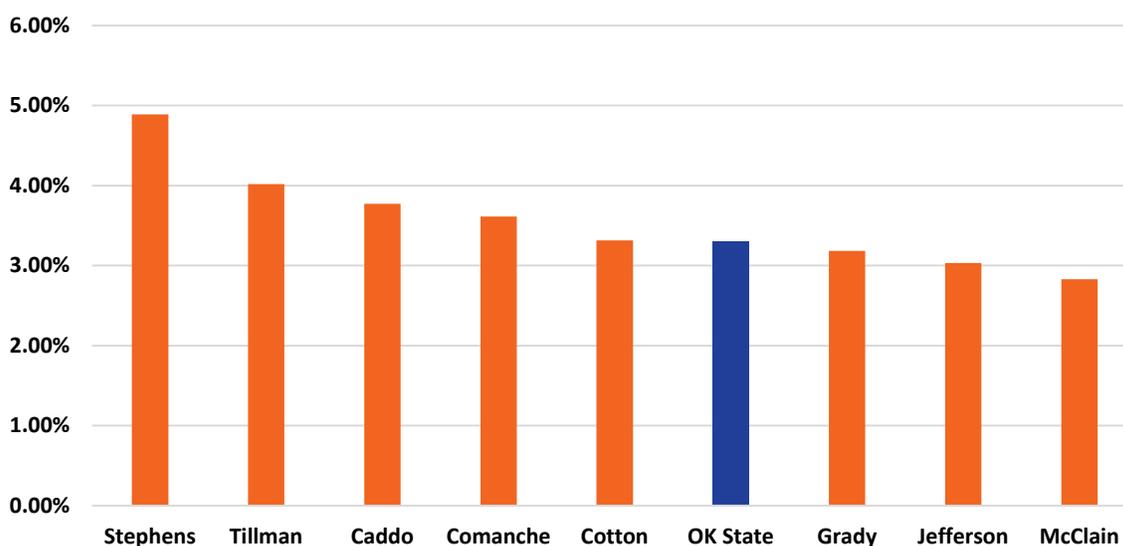
**Figure 10: Median Wage by County**



Source: American Community Survey (ACS) 2018 5-Year Estimates

## Unemployment Rate

Figure 11 shows the unemployment rate for South Central WFDA. The highest unemployment was found in Stephens County with an unemployment rate of 4.89%. The second highest unemployment was found in Tillman County which had an unemployment rate of 4.02%. The third highest unemployment rate was in Caddo County had an unemployment rate of 3.77%. The fourth highest unemployment rate was in Comanche County at 3.61%. The fifth highest unemployment rate was in Cotton County at 3.32%. The sixth highest unemployment rate was in Grady County at 3.19%. Jefferson County had the seventh highest unemployment rate at 3.03%. Lastly, the lowest unemployment rate was found in McClain County with an unemployment rate of 2.83%.

**Figure 11: Unemployment Rate**

Source: Emsi- economicmodeling.com- 2020.1

## Industry Clusters

Oklahoma Department of Commerce has identified five key, in demand, industry clusters for the state of Oklahoma (also known as Ecosystems). Industry clusters provide a competitive advantage in a global economy. They exhibit significant potential for employment growth and provide wealth generating employment opportunities. Regional industry clusters have been identified for each Local Workforce Development Area

### State Industry Clusters

The five State Industry Cluster's demand industries produce or provide similar goods and services and therefore have similar needs in workforce, infrastructure, and economic development policy. These ecosystems include Aerospace and Defense, Agriculture and Biosciences, Energy, Information and Finance, and Transportation and Distribution.

### Regional Industry Clusters

In addition to the five State Industry clusters, Regional Industry Clusters have been identified. The regional clusters for the South Central WFDA are Industrial, Transportation and Distribution, Mining and Extraction, Professional Services, Healthcare, and STEM

The source data to start the process was establishment level data from over 100,000 business establishments in the state. Major employers are non-retail sector establishments that are among the top twenty percent of employing establishments in their respective counties. Retail was excluded since it is dependent on other sectors of the economy employing people and generating economic activity. Ensuring other sectors are successful will impact the success of the retail sector.

The clusters were informed by the methodology utilized by the Harvard Business School and the Economic Development Administration. In order to report data in a meaningful manner, there was some customization grouping linked industries. After identifying the top twenty percent of the major employers in each of the counties, they were grouped into industry clusters in their regional economy. Establishment level data from the Quarterly Census of Employment & Wages was utilized as the primary data source in the cluster identification. Since confidentiality must be maintained, in order to report the results, the data must be aggregated by clusters and geography.

Major employers include traditional sectors targeted in economic development including manufacturing, energy and knowledge-based service industries. It also includes other sectors that are not targeted in economic development but are important to the local region and have demands on workforce skills. These sectors include, but not limited to, agriculture, construction, utilities, healthcare, education, government, tourism and hospitality.

Table 7 summarizes the industry clusters in South Central WFDA. The highest expected growth is in the Transportation and Distribution cluster with an expected growth of 785 jobs. The next highest expected growth cluster is in Healthcare with 698 jobs. The sixth highest expected growth is in Mining and Extraction with 376 jobs. Estimated Net job growth is based upon the indirect effect of those industries. While, there can be a growth in the support of an industry in customers service or management, there can be a decrease in those jobs directly in the industry.

**Table 7: Regional Industry Clusters**

State Industry Clusters	Estimated Net Job Growth (2019-2024)	Industry Cluster Growth Rate (2019-2024)	Average Annual Earnings
Industrial	679	(1%)	\$64,005
Transportation and Distribution	785	2%	\$69,207
Mining and Extraction	376	6%	\$92,042
Professional Services	423	6%	\$61,103
Healthcare	698	5%	\$51,238
STEM	446	17%	\$86,805

Source: Emsi- economicmodeling.com- 2020.1

## Healthcare

In 2019 there were 12,635 in the South Central WFDA Healthcare Industry Cluster with average earnings of \$51,238. Based on demand projections jobs within the Industry Cluster will increase by 659 jobs totaling 13,294 jobs by the year 2024.

Shown in Table 8 is the top industries in the South Central WFDA Healthcare Industry Cluster. Hospitals (Local Government) had the highest number of job with 2,452. General Medical and Surgical Hospitals had the second highest number of jobs with 1,779. The tenth highest number of jobs is in Vocational Rehabilitation Services at 447.

**Table 8: Top Healthcare Industries by Number of Current Jobs**

NAICS	Description	2019 Jobs	Avg. Earnings Per Job
903622	Hospitals (Local Government)	2,452	\$77,500
622110	General Medical and Surgical Hospitals	1,779	\$63,160
623110	Nursing Care Facilities (Skilled Nursing Facilities)	1,188	\$31,153
624120	Services for the Elderly and Persons with Disabilities	864	\$22,422
624410	Child Day Care Services	679	\$20,114
621111	Offices of Physicians (except Mental Health Specialists)	667	\$71,369
621610	Home Health Care Services	653	\$46,016
621210	Offices of Dentists	578	\$60,973
446110	Pharmacies and Drug Stores	488	\$45,217
624310	Vocational Rehabilitation Services	447	\$23,945

Source: EMSI-Economicmodeling.com 2020.1

Table 9 is the top South Central WFDA Healthcare emerging industries with the largest change from 2019-2024. Services for the Elderly and Persons with Disabilities had the highest growth with 180 jobs. The second highest growth was found in General Medical and Surgical Hospitals with 177 jobs. The tenth highest growth was in Ambulance Services with 35 jobs

**Table 9: Top Healthcare Emerging Industries by Number of New Jobs**

NAICS	Description	2019 Jobs	2024 Jobs	2019 - 2024 Change	2019 - 2024 % Change
624120	Services for the Elderly and Persons with Disabilities	864	1,044	180	21%
622110	General Medical and Surgical Hospitals	1,779	1,956	177	10%
621991	Blood and Organ Banks	170	250	80	47%
623110	Nursing Care Facilities (Skilled Nursing Facilities)	1,188	1,261	73	6%
623311	Continuing Care Retirement Communities	329	392	63	19%
621999	All Other Miscellaneous Ambulatory Health Care Services	91	148	57	63%
541940	Veterinary Services	382	434	52	14%
621492	Kidney Dialysis Centers	139	179	40	29%
623312	Assisted Living Facilities for the Elderly	90	126	36	40%
621910	Ambulance Services	185	220	35	19%

Source: EMSI-Economicmodeling.com 2020.1

Table 10 shows the top jobs in the South Central WFDA Healthcare cluster. Cashiers had the highest number of jobs in this cluster with 3,430. Office Clerks, General had the second highest number of jobs in this cluster with 2,276. The tenth highest number of jobs in this cluster is Customer Service Representatives with 922.

**Table 10: Top Healthcare Occupations by Number of Current Jobs**

SOC	Description	2019 Jobs	Median Hourly Earnings	Typical Entry Level Education	Typical On-The-Job Training
41-2011	Cashiers	3,430	\$9.19	No formal educational credential	Short-term on-the-job training
43-9061	Office Clerks, General	2,276	\$12.61	High school diploma or equivalent	Short-term on-the-job training
53-7062	Laborers and Freight, Stock, and Material Movers, Hand	1,746	\$12.12	No formal educational credential	Short-term on-the-job training
29-1141	Registered Nurses	1,505	\$26.74	Bachelor's degree	None
11-1021	General and Operations Managers	1,486	\$35.69	Bachelor's degree	None
43-1011	First-Line Supervisors of Office and Administrative Support Workers	1,241	\$20.84	High school diploma or equivalent	None
49-9071	Maintenance and Repair Workers, General	1,129	\$13.61	High school diploma or equivalent	Moderate-term on-the-job training
31-1014	Nursing Assistants	977	\$10.75	Postsecondary nondegree award	None
39-9021	Personal Care Aides	935	\$9.10	High school diploma or equivalent	Short-term on-the-job training
43-4051	Customer Service Representatives	922	\$13.08	High school diploma or equivalent	Short-term on-the-job training

Source: EMSI-Economicmodeling.com 2020.1

Table 11 shows the South Central WFDA Healthcare emerging jobs by growth from 2019 to 2024. Personal Care Aides is expected to have the most growth with 117. The second highest expect growth is in General and Operations Managers with 97. The job with the tenth largest expected growth is in Maids and Housekeeping Cleaners with 30 jobs.

**Table 11: Top Healthcare Emerging Occupations by Number of New Jobs**

SOC	Description	2019 Jobs	2024 Jobs	2019 - 2024 Change	2019 - 2024 Change %	Median Hourly Earnings
39-9021	Personal Care Aides	935	1,052	117	12.52%	\$9.10
11-1021	General and Operations Managers	1,486	1,583	97	6.53%	\$35.69
53-7062	Laborers and Freight, Stock, and Material Movers, Hand	1,746	1,834	88	5.04%	\$12.12
29-1141	Registered Nurses	1,505	1,578	73	4.85%	\$26.74
49-9071	Maintenance and Repair Workers, General	1,129	1,200	71	6.29%	\$13.61
31-1014	Nursing Assistants	977	1,024	47	4.81%	\$10.75
43-4051	Customer Service Representatives	922	967	45	4.88%	\$13.08
43-4171	Receptionists and Information Clerks	519	555	36	6.94%	\$12.36
31-9097	Phlebotomists	115	149	34	29.50%	\$13.13
37-2012	Maids and Housekeeping Cleaners	653	683	30	4.59%	\$9.62

Source: EMSI-Economicmodeling.com 2020.1

## STEM

In 2019 there were 2,047 in the South Central WFDA STEM Industry Cluster with average earnings of \$86,805. Based on demand projections jobs within the STEM Cluster will increase by 352 jobs totaling 2,399 jobs by the year 2024.

Table 12 shows the top industries in the South Central WFDA STEM Clusters. The industry with the highest number of jobs is Crude Petroleum Extraction with 334. The second highest number of job is in Engineering Services at 238. The tenth highest number of jobs is the Geophysical Surveying and Mapping Services with 111.

**Table 12: Top STEM Industries by Number of Current Jobs**

NAICS	Description	2019 Jobs	Avg. Earnings Per Job
211120	Crude Petroleum Extraction	334	\$147,657
541330	Engineering Services	238	\$74,426
518210	Data Processing, Hosting, and Related Services	225	\$75,724
541519	Other Computer Related Services	225	\$84,022
541512	Computer Systems Design Services	188	\$67,363
541511	Custom Computer Programming Services	149	\$81,391
334419	Other Electronic Component Manufacturing	128	\$39,563
211130	Natural Gas Extraction	100	\$127,160
517312	Wireless Telecommunications Carriers (except Satellite)	91	\$64,339
541360	Geophysical Surveying and Mapping Services	59	\$68,503

Source: EMSI-Economicmodeling.com 2020.1

Table 13 shows the top emerging industries in South Central WFDA STEM clusters by growth of total jobs from 2019-2024. The largest expected growth was in Data Processing, Hosting, and Related Services with a growth of 149. The second largest expected growth was in Other Computer Related Services with growth of 103. The tenth largest expected growth was in Geophysical Surveying and Mapping Services with a change of 9.

**Table 13: Top STEM Emerging Industries by Number of New Jobs**

NAICS	Description	2019 Jobs	2024 Jobs	2019 - 2024 Change	2019 - 2024 % Change
518210	Data Processing, Hosting, and Related Services	225	374	149	66%
541519	Other Computer Related Services	225	328	103	46%
541512	Computer Systems Design Services	188	262	74	39%
541330	Engineering Services	238	280	42	18%
517312	Wireless Telecommunications Carriers (except Satellite)	91	113	22	24%
517911	Telecommunications Resellers	44	59	15	34%
541511	Custom Computer Programming Services	149	161	12	8%
511210	Software Publishers	17	26	9	53%
541350	Building Inspection Services	19	28	9	47%
541360	Geophysical Surveying and Mapping Services	59	68	9	15%

Source: EMSI-Economicmodeling.com 2020.1

Table 14 shows the top jobs in South Central WFDA STEM cluster for 2019. The highest number of jobs is in Office Clerks, General at 2,276. The second highest number of jobs is in Secretaries and Administrative Assistants, Except Legal, Medical, and Executive at 1,809. The tenth number of job was in Inspectors, Testers, Sorters, Samplers, and Weighers at 319.

**Table 14: Top STEM Occupations by Number of Current Jobs**

SOC	Description	2019 Jobs	Median Hourly Earnings	Typical Entry Level Education	Typical On-The-Job Training
43-9061	Office Clerks, General	2,276	\$12.61	High school diploma or equivalent	Short-term on-the-job training
43-6014	Secretaries and Administrative Assistants, Except Legal, Medical, and Executive	1,809	\$13.58	High school diploma or equivalent	Short-term on-the-job training
11-1021	General and Operations Managers	1,486	\$35.69	Bachelor's degree	None
43-4051	Customer Service Representatives	922	\$13.08	High school diploma or equivalent	Short-term on-the-job training
51-2098	Assemblers and Fabricators, All Other, Including Team Assemblers	774	\$22.75	High school diploma or equivalent	Moderate-term on-the-job training
51-1011	First-Line Supervisors of Production and Operating Workers	523	\$28.19	High school diploma or equivalent	None
13-1199	Business Operations Specialists, All Other	469	\$35.35	Bachelor's degree	None
41-3099	Sales Representatives, Services, All Other	424	\$18.71	High school diploma or equivalent	Moderate-term on-the-job training
15-1151	Computer User Support Specialists	333	\$20.06	Some college, no degree	None
51-9061	Inspectors, Testers, Sorters, Samplers, and Weighers	319	\$22.69	High school diploma or equivalent	Moderate-term on-the-job training

Source: EMSI-Economicmodeling.com 2020.1

Table 9 shows the emerging jobs by growth from 2019 to 2024 in the South Central WFDA STEM cluster. The largest expected growth in number of jobs was in General and Operations Managers with an increase of 97. The second largest expected growth was in Software Developers, Applications with 63. The tenth largest expected growth was in Sales Representatives, Wholesale and Manufacturing, Technical and Scientific Products with 21 jobs.

**Table 15: Top STEM Emerging Occupations by Number of New Jobs**

SOC	Description	2019 Jobs	2024 Jobs	2019 - 2024 Change	2019 - 2024 Change %	Median Hourly Earnings
11-1021	General and Operations Managers	1,486	1,583	97	6.53%	\$35.69
15-1132	Software Developers, Applications	162	225	63	38.80%	\$35.67
41-3099	Sales Representatives, Services, All Other	424	481	57	13.43%	\$18.71
43-4051	Customer Service Representatives	922	967	45	4.88%	\$13.08
15-1151	Computer User Support Specialists	333	371	38	11.40%	\$20.06
13-1161	Market Research Analysts and Marketing Specialists	165	197	32	19.44%	\$23.99
13-1199	Business Operations Specialists, All Other	469	494	25	5.33%	\$35.35
15-1121	Computer Systems Analysts	151	173	22	14.58%	\$30.89
13-1111	Management Analysts	222	243	21	9.45%	\$30.22
41-4011	Sales Representatives, Wholesale and Manufacturing, Technical and Scientific Products	218	239	21	9.64%	\$28.13

Source: EMSI-Economicmodeling.com 2020.1

## Transportation and Distribution

In 2019 there were 6,650 in the South Central WFDA Transportation and Distribution Industry Cluster with average earnings of \$69,207. Based on demand projections jobs within the Transportation and Distribution Industry Cluster will increase 107 jobs totaling 6,757 jobs by the year 2024.

Shown in Table 16 is the top industries in the South Central WFDA Transportation and Distribution Industry Cluster. Tire Manufacturing had the highest number of job with 2,235. General Warehousing and Storage had the second highest number of jobs with 492. The

tenth highest number of jobs is in Farm and Garden Machinery and Equipment Merchant Wholesalers at 163.

**Table 16: Top Transportation and Distribution Industries by Number of Current Jobs**

NAICS	Description	2019 Jobs	Avg. Earnings Per Job
32621	Tire Manufacturing	2,235	\$92,614
49311	General Warehousing and Storage	492	\$42,602
48412	General Freight Trucking, Long-Distance	304	\$60,119
42512	Wholesale Trade Agents and Brokers	287	\$39,531
48422	Specialized Freight (except Used Goods) Trucking, Local	270	\$68,919
42383	Industrial Machinery and Equipment Merchant Wholesalers	234	\$84,696
48899	Other Support Activities for Transportation	223	\$46,963
48851	Freight Transportation Arrangement	184	\$40,672
33621	Motor Vehicle Body and Trailer Manufacturing	166	\$48,735
42382	Farm and Garden Machinery and Equipment Merchant Wholesalers	163	\$61,679

Source: EMSI-Economicmodeling.com 2020.1

Table 17 is the top Emerging Occupations in the South Central WFDA transportation and distribution with the largest change from 2019-2024. Freight Transportation Arrangement had the highest expected growth with 77 jobs. The second highest expected growth was found in General Warehousing and Storage with 58 jobs. The tenth highest expected growth was in Metal Service Centers and Other Metal Merchant Wholesalers with 15 jobs.

**Table 17: Top Transportation & Distribution Emerging Industries by Number of New Jobs**

NAICS	Description	2019 Jobs	2024 Jobs	2019 - 2024 Change	2019 - 2024 % Change
48851	Freight Transportation Arrangement	184	261	77	42%
49311	General Warehousing and Storage	492	550	58	12%
48899	Other Support Activities for Transportation	223	275	52	23%
42382	Farm and Garden Machinery and Equipment Merchant Wholesalers	163	209	46	28%
42312	Motor Vehicle Supplies and New Parts Merchant Wholesalers	85	128	43	51%
48422	Specialized Freight (except Used Goods) Trucking, Local	270	308	38	14%
48423	Specialized Freight (except Used Goods) Trucking, Long-Distance	123	154	31	25%
42311	Automobile and Other Motor Vehicle Merchant Wholesalers	68	97	29	43%
33661	Ship and Boat Building	51	67	16	31%
42351	Metal Service Centers and Other Metal Merchant Wholesalers	55	70	15	27%

Source: EMSI-Economicmodeling.com 2020.1

Table 18 shows the top jobs in the South Central WFDA Transportation & Distribution cluster. Office Clerks, General had the highest number of jobs in this cluster with 2,276. Secretaries

and Administrative Assistants, Except Legal, Medical, and Executive had the second highest number of jobs in this cluster with 1,809. The tenth highest number of jobs in this cluster is Human Resources Specialists with 520.

**Table 18: Top Transportation & Distribution Occupations by Number of Current Jobs**

SOC	Description	2019 Jobs	Median Hourly Earnings	Typical Entry Level Education	Typical On-The-Job Training
43-9061	Office Clerks, General	2,276	\$12.61	High school diploma or equivalent	Short-term on-the-job training
43-6014	Secretaries and Administrative Assistants, Except Legal, Medical, and Executive	1,809	\$13.58	High school diploma or equivalent	Short-term on-the-job training
53-7062	Laborers and Freight, Stock, and Material Movers, Hand	1,746	\$12.12	No formal educational credential	Short-term on-the-job training
11-1021	General and Operations Managers	1,486	\$35.69	Bachelor's degree	None
53-3032	Heavy and Tractor-Trailer Truck Drivers	1,446	\$18.70	Postsecondary nondegree award	Short-term on-the-job training
43-5081	Stock Clerks and Order Fillers	1,258	\$12.56	High school diploma or equivalent	Short-term on-the-job training
43-3031	Bookkeeping, Accounting, and Auditing Clerks	1,179	\$15.49	Some college, no degree	Moderate-term on-the-job training
43-4051	Customer Service Representatives	922	\$13.08	High school diploma or equivalent	Short-term on-the-job training
13-2011	Accountants and Auditors	549	\$28.60	Bachelor's degree	None
13-1071	Human Resources Specialists	520	\$24.74	Bachelor's degree	None

Source: EMSI-Economicmodeling.com 2020.1

Table 19 shows the emerging jobs by growth in South Central WFDA Transportation and Distribution from 2019 to 2024. General and Operations Managers had the most expected growth with 97. The second highest expected growth is in Laborers and Freight, Stock, and Material Movers, Hand with 88. The job with the tenth largest expected growth is in Business Operations Specialists, All Other with 25 jobs.

**Table 19: Top Transportation & Distribution Emerging Occupations by Number of New Jobs**

SOC	Description	2019 Jobs	2024 Jobs	2019 - 2024 Change	2019 - 2024 Change %	Median Hourly Earnings
11-1021	General and Operations Managers	1,486	1,583	97	6.53%	\$35.69
53-7062	Laborers and Freight, Stock, and Material Movers, Hand	1,746	1,834	88	5.04%	\$12.12
53-3032	Heavy and Tractor-Trailer Truck Drivers	1,446	1,523	77	5.33%	\$18.70
41-4012	Sales Representatives, Wholesale and Manufacturing, Except Technical and Scientific Products	419	484	65	15.50%	\$20.16
15-1132	Software Developers, Applications	162	225	63	38.80%	\$35.67
41-3099	Sales Representatives, Services, All Other	424	481	57	13.43%	\$18.71
43-4051	Customer Service Representatives	922	967	45	4.88%	\$13.08
13-1161	Market Research Analysts and Marketing Specialists	165	197	32	19.44%	\$23.99
53-3033	Light Truck or Delivery Services Drivers	430	458	28	6.51%	\$15.19
13-1199	Business Operations Specialists, All Other	469	494	25	5.33%	\$35.35

Source: EMSI-Economicmodeling.com 2020.1

## Mining and Extraction

In 2019 there were 3,104 in the South Central WFDA Mining and Extraction Industry Cluster with average earnings of \$92,042. Based on demand projections jobs within the Mining and Extraction Industry Cluster will increase by 181 jobs totaling 3,285 jobs by the year 2024.

Shown in Table 20 is the top industries in the South Central WFDA Mining and Extraction Industry Cluster. Support Activities for Oil and Gas Operations had the highest number of job with 2,322. Crude Petroleum Extraction is the second highest number of jobs with 334. The fifth highest number of jobs is in Crushed and Broken Limestone Mining and Quarrying at 85.

**Table 20: Top Mining and Extraction Industries by Number of Current Jobs**

NAICS	Description	2019 Jobs	Avg. Earnings Per Job
213112	Support Activities for Oil and Gas Operations	2,322	\$84,852
211120	Crude Petroleum Extraction	334	\$147,657
213111	Drilling Oil and Gas Wells	205	\$81,947
211130	Natural Gas Extraction	100	\$127,160
212312	Crushed and Broken Limestone Mining and Quarrying	85	\$68,949

Source: EMSI-Economicmodeling.com 2020.1

Table 21 is the Emerging Occupations in the South Central WFDA Mining and Extraction industry cluster with the largest change from 2019-2024. Support Activities for Oil and Gas Operations had the highest expected growth of 185. The second highest expected growth was found in Drilling Oil and Gas Wells with 63 jobs. The fifth highest growth was in Natural Gas Extraction with the loss of 33 jobs.

**Table 21: Top Mining and Extraction Emerging Industries by Number of New Jobs**

NAICS	Description	2019 Jobs	2024 Jobs	2019 - 2024 Change	2019 - 2024 % Change
213112	Support Activities for Oil and Gas Operations	2,322	2,507	185	8%
213111	Drilling Oil and Gas Wells	205	268	63	31%
212312	Crushed and Broken Limestone Mining and Quarrying	85	93	8	9%
212399	All Other Nonmetallic Mineral Mining	48	55	7	15%
211130	Natural Gas Extraction	100	67	(33)	-33%

Source: EMSI-Economicmodeling.com 2020.1

Table 22 shows the top five jobs in the South Central WFDA Mining and Extraction cluster. Office Clerks, General had the highest number of jobs in this cluster with 2,276. S Secretaries and Administrative Assistants, Except Legal, Medical, and Executive had the second highest number of jobs in this cluster with 1,809. The tenth highest number of jobs in this cluster is Service Unit Operators, Oil, Gas, and Mining with 197.

**Table 22: Top Mining and Extraction Occupations by Number of Current Jobs**

SOC	Description	2019 Jobs	Median Hourly Earnings	Typical Entry Level Education	Typical On-The-Job Training
43-9061	Office Clerks, General	2,276	\$12.61	High school diploma or equivalent	Short-term on-the-job training
43-6014	Secretaries and Administrative Assistants, Except Legal, Medical, and Executive	1,809	\$13.58	High school diploma or equivalent	Short-term on-the-job training
11-1021	General and Operations Managers	1,486	\$35.69	Bachelor's degree	None
53-3032	Heavy and Tractor-Trailer Truck Drivers	1,446	\$18.70	Postsecondary nondegree award	Short-term on-the-job training
47-1011	First-Line Supervisors of Construction Trades and Extraction Workers	621	\$27.18	High school diploma or equivalent	None
13-2011	Accountants and Auditors	549	\$28.60	Bachelor's degree	None
47-2073	Operating Engineers and Other Construction Equipment Operators	465	\$17.81	High school diploma or equivalent	Moderate-term on-the-job training
47-5071	Roustabouts, Oil and Gas	396	\$18.02	No formal educational credential	Moderate-term on-the-job training
49-9041	Industrial Machinery Mechanics	329	\$24.53	High school diploma or equivalent	Long-term on-the-job training
47-5013	Service Unit Operators, Oil, Gas, and Mining	197	\$16.83	No formal educational credential	Moderate-term on-the-job training

Source: EMSI-Economicmodeling.com 2020.1

Table 23 shows the emerging jobs in South Central WFDA Mining and Extraction industry cluster by growth from 2019 to 2024. General and Operations Managers had the most expected growth with 97. The second highest expected growth is in Heavy and Tractor-Trailer Truck Drivers with 77. The job with the tenth largest expected growth is in Derrick Operators, Oil and Gas with 13 jobs.

**Table 23: Top Mining and Extraction Emerging Occupations by Number of New Jobs**

SOC	Description	2019 Jobs	2024 Jobs	2019 - 2024 Change	2019 - 2024 Change %	Median Hourly Earnings
11-1021	General and Operations Managers	1,486	1,583	97	6.53%	\$35.69
53-3032	Heavy and Tractor-Trailer Truck Drivers	1,446	1,523	77	5.33%	\$18.70
47-1011	First-Line Supervisors of Construction Trades and Extraction Workers	621	679	58	9.34%	\$27.18
47-2073	Operating Engineers and Other Construction Equipment Operators	465	513	48	10.33%	\$17.81
47-5071	Roustabouts, Oil and Gas	396	432	36	9.10%	\$18.02
49-9041	Industrial Machinery Mechanics	329	361	32	9.73%	\$24.53
47-5012	Rotary Drill Operators, Oil and Gas	141	167	26	18.40%	\$28.53
13-2011	Accountants and Auditors	549	568	19	3.46%	\$28.60
47-5013	Service Unit Operators, Oil, Gas, and Mining	197	215	18	9.14%	\$16.83
47-5011	Derrick Operators, Oil and Gas	47	60	13	27.72%	\$21.16

Source: EMSI-Economicmodeling.com 2020.1

## Professional Services

In 2019 there were 4,807 in the South Central WFDA Professional Services Industry Cluster with average earnings of \$61,103. Based on demand projections jobs within the Professional Services Industry Cluster will decrease by 295 jobs totaling 5,102 jobs by the year 2024.

Shown in Table 24 is the top industries in the South Central WFDA Professional Services Industry Cluster. Commercial Banking had the highest number of job with 1,697. Computer Systems Design and Related Services the second highest number of jobs with 573. The tenth highest number of jobs is in Direct Life, Health, and Medical Insurance Carriers at 124 jobs.

**Table 24: Top Professional Services Industries by Number of Current Jobs**

NAICS	Description	2019 Jobs	Avg. Earnings Per Job
52211	Commercial Banking	1,697	\$52,705
54151	Computer Systems Design and Related Services	573	\$78,153
54121	Accounting, Tax Preparation, Bookkeeping, and Payroll Services	500	\$47,360
55111	Management of Companies and Enterprises	494	\$75,805
51731	Wired and Wireless Telecommunications Carriers	328	\$64,103
52229	Other Nondepository Credit Intermediation	273	\$55,137
51821	Data Processing, Hosting, and Related Services	225	\$75,724
52213	Credit Unions	187	\$47,382
52212	Savings Institutions	89	\$80,236
52411	Direct Life, Health, and Medical Insurance Carriers	89	\$28,874

Source: EMSI-Economicmodeling.com 2020.1

Table 25 is the emerging occupations in the South Central WFDA Professional Services industry cluster with the largest change from 2019-2024. Computer Systems Design and Related Services had the highest expected growth with 184 jobs. The second highest expected growth was found in Data Processing, Hosting, and Related Services with 149 jobs. The tenth highest expected growth was in Securities Brokerage with 3 jobs.

**Table 25: Top Professional Services Emerging Industries by Number of New Jobs**

NAICS	Description	2019 Jobs	2024 Jobs	2019 - 2024 Change	2019 - 2024 % Change
54151	Computer Systems Design and Related Services	573	757	184	32%
51821	Data Processing, Hosting, and Related Services	225	374	149	66%
55111	Management of Companies and Enterprises	494	594	100	20%
52229	Other Nondepository Credit Intermediation	273	294	21	8%
51791	Other Telecommunications	44	59	15	34%
52392	Portfolio Management	29	39	10	34%
51121	Software Publishers	17	26	9	53%
52221	Credit Card Issuing	31	36	5	16%
52222	Sales Financing	16	20	4	25%
52312	Securities Brokerage	66	69	3	5%

Source: EMSI-Economicmodeling.com 2020.1

Table 26 shows the top jobs in the South Central WFDA Professional Services cluster. General and Operations Managers had the highest number of jobs in this cluster with 1,486. Financial Managers had the second highest number of jobs in this cluster with 319. The tenth highest number of jobs in this cluster is Tax Preparers with 92.

**Table 26: Top Professional Services Occupations by Number of Current Jobs**

SOC	Description	2019 Jobs	Median Hourly Earnings	Typical Entry Level Education	Typical On-The-Job Training
11-1021	General and Operations Managers	1,486	\$35.69	Bachelor's degree	None
11-3031	Financial Managers	319	\$39.13	Bachelor's degree	None
11-9199	Managers, All Other	265	\$50.99	Bachelor's degree	None
13-1071	Human Resources Specialists	520	\$24.74	Bachelor's degree	None
13-1111	Management Analysts	222	\$30.22	Bachelor's degree	None
13-1161	Market Research Analysts and Marketing Specialists	165	\$23.99	Bachelor's degree	None
13-1199	Business Operations Specialists, All Other	469	\$35.35	Bachelor's degree	None
13-2011	Accountants and Auditors	549	\$28.60	Bachelor's degree	None
13-2051	Financial Analysts	66	\$24.88	Bachelor's degree	None
13-2082	Tax Preparers	92	\$14.08	High school diploma or equivalent	Moderate-term on-the-job training

Source: EMSI-Economicmodeling.com 2020.1

Table 27 shows the emerging jobs in the South Central WFDA Professional Services industry cluster by growth from 2019 to 2024. General and Operations Managers had the most expected growth with 97. The second highest expected growth is in Financial Managers with 24. The job with the tenth largest expected growth is in Tax Preparers with a loss of 1 job.

**Table 27: Top Professional Services Emerging Occupations by Number of New Jobs**

SOC	Description	2019 Jobs	2024 Jobs	2019 - 2024 Change	2019 - 2024 Change %	Median Hourly Earnings
11-1021	General and Operations Managers	1,486	1,583	97	6.53%	\$35.69
11-3031	Financial Managers	319	343	24	7.53%	\$39.13
11-9199	Managers, All Other	265	279	14	5.28%	\$50.99
13-1071	Human Resources Specialists	520	535	15	2.89%	\$24.74
13-1111	Management Analysts	222	243	21	9.45%	\$30.22
13-1161	Market Research Analysts and Marketing Specialists	165	197	32	19.44%	\$23.99
13-1199	Business Operations Specialists, All Other	469	494	25	5.33%	\$35.35
13-2011	Accountants and Auditors	549	568	19	3.46%	\$28.60
13-2051	Financial Analysts	66	71	5	7.57%	\$24.88
13-2082	Tax Preparers	92	91	(1)	-1.09%	\$14.08

Source: EMSI-Economicmodeling.com 2020.1

## Industrial

In 2019 there were 2,890 in the South Central WFDA Industrial Industry Cluster with average earnings of \$64,005. Based on demand projections jobs within the Industrial Industry Cluster will decrease by 17 jobs totaling 2,873 jobs by the year 2024.

Shown in Table 28 is the top industries in the South Central WFDA Industrial Cluster. Oil and Gas Field Machinery and Equipment Manufacturing had the highest number of job with 1,301. Machine Shops had the second highest number of jobs with 454. The tenth highest number of jobs is in Electroplating, Plating, Polishing, Anodizing, and Coloring at 47 jobs.

**Table 28: Top Industrial Industries by Number of Current Jobs**

NAICS	Description	2019 Jobs	Avg. Earnings Per Job
333132	Oil and Gas Field Machinery and Equipment Manufacturing	1,301	\$74,516
332710	Machine Shops	454	\$53,310
336212	Truck Trailer Manufacturing	159	\$48,077
334419	Other Electronic Component Manufacturing	128	\$39,563
333415	Air-Conditioning and Warm Air Heating Equipment and Commercial and Industrial Refrigeration Equipment Manufacturing	124	\$54,311
332721	Precision Turned Product Manufacturing	100	\$45,062
336330	Motor Vehicle Steering and Suspension Components (except Spring) Manufacturing	93	\$58,640
332313	Plate Work Manufacturing	66	\$56,012
336612	Boat Building	51	\$40,058
332813	Electroplating, Plating, Polishing, Anodizing, and Coloring	47	\$41,931

Source: EMSI-Economicmodeling.com 2020.1

Table 29 is the emerging occupations in the South Central WFDA in the Industrial cluster with the largest change from 2019-2024. Machine Shops had the highest expected growth with 41 jobs. The second highest expected growth was found in Plate Work Manufacturing had 17 jobs. The tenth highest expected growth was in Precision Turned Product Manufacturing with 4 jobs.

**Table 29: Top Industrial Emerging Industries by Number of New Jobs**

NAICS	Description	2019 Jobs	2024 Jobs	2019 - 2024 Change	2019 - 2024 % Change
332710	Machine Shops	454	495	41	9%
332313	Plate Work Manufacturing	66	83	17	26%
336612	Boat Building	51	67	16	31%
331210	Iron and Steel Pipe and Tube Manufacturing from Purchased Steel	26	40	14	54%
336112	Light Truck and Utility Vehicle Manufacturing	16	26	10	63%
333992	Welding and Soldering Equipment Manufacturing	17	26	9	53%
334220	Radio and Television Broadcasting and Wireless Communications Equipment Manufacturing	19	27	8	42%
332322	Sheet Metal Work Manufacturing	15	22	7	47%
333111	Farm Machinery and Equipment Manufacturing	29	36	7	24%
332721	Precision Turned Product Manufacturing	100	104	4	4%

Source: EMSI-Economicmodeling.com 2020.1

Table 30 shows the top jobs in the South Central WFDA Industrial cluster. Office Clerks, General had the highest number of jobs in this cluster with 2,276. Laborers and Freight, Stock, and Material Movers, Hand had the second highest number of jobs in this cluster with 1,746. The tenth highest number of jobs in this cluster Welders, Cutters, Solderers, and Brazers with 493.

**Table 30: Top Industrial Occupations by Number of Current Jobs**

SOC	Description	2019 Jobs	Median Hourly Earnings	Typical Entry Level Education	Typical On-The-Job Training
43-9061	Office Clerks, General	2,276	\$12.61	High school diploma or equivalent	Short-term on-the-job training
53-7062	Laborers and Freight, Stock, and Material Movers, Hand	1,746	\$12.12	No formal educational credential	Short-term on-the-job training
11-1021	General and Operations Managers	1,486	\$35.69	Bachelor's degree	None
53-3032	Heavy and Tractor-Trailer Truck Drivers	1,446	\$18.70	Postsecondary nondegree award	Short-term on-the-job training
43-5081	Stock Clerks and Order Fillers	1,258	\$12.56	High school diploma or equivalent	Short-term on-the-job training
49-9071	Maintenance and Repair Workers, General	1,129	\$13.61	High school diploma or equivalent	Moderate-term on-the-job training
43-4051	Customer Service Representatives	922	\$13.08	High school diploma or equivalent	Short-term on-the-job training
51-2098	Assemblers and Fabricators, All Other, Including Team Assemblers	774	\$22.75	High school diploma or equivalent	Moderate-term on-the-job training
51-1011	First-Line Supervisors of Production and Operating Workers	523	\$28.19	High school diploma or equivalent	None
51-4121	Welders, Cutters, Solderers, and Brazers	493	\$18.13	High school diploma or equivalent	Moderate-term on-the-job training

Source: EMSI-Economicmodeling.com 2020.1

Table 31 shows the emerging jobs in the South Central WFDA Industrial cluster by growth from 2019 to 2024. General and Operations Managers had the most expected growth with 97. The second highest expected growth is in Laborers and Freight, Stock, and Material Movers, Hand with 88. The job with the tenth largest expected growth is in Welders, Cutters, Solderers, and Brazers with 27 jobs.

**Table 31: Top Industrial Emerging Occupations by Number of New Jobs**

SOC	Description	2019 Jobs	2024 Jobs	2019 - 2024 Change	2019 - 2024 Change %	Median Hourly Earnings
11-1021	General and Operations Managers	1,486	1,583	97	6.53%	\$35.69
53-7062	Laborers and Freight, Stock, and Material Movers, Hand	1,746	1,834	88	5.04%	\$12.12
53-3032	Heavy and Tractor-Trailer Truck Drivers	1,446	1,523	77	5.33%	\$18.70
49-9071	Maintenance and Repair Workers, General	1,129	1,200	71	6.29%	\$13.61
41-4012	Sales Representatives, Wholesale and Manufacturing, Except Technical and Scientific Products	419	484	65	15.50%	\$20.16
15-1132	Software Developers, Applications	162	225	63	38.80%	\$35.67
43-4051	Customer Service Representatives	922	967	45	4.88%	\$13.08
49-9041	Industrial Machinery Mechanics	329	361	32	9.73%	\$24.53
51-9196	Paper Goods Machine Setters, Operators, and Tenders	101	130	29	28.74%	\$13.44
51-4121	Welders, Cutters, Solderers, and Brazers	493	520	27	5.48%	\$18.13

Source: EMSI-Economicmodeling.com 2020.1