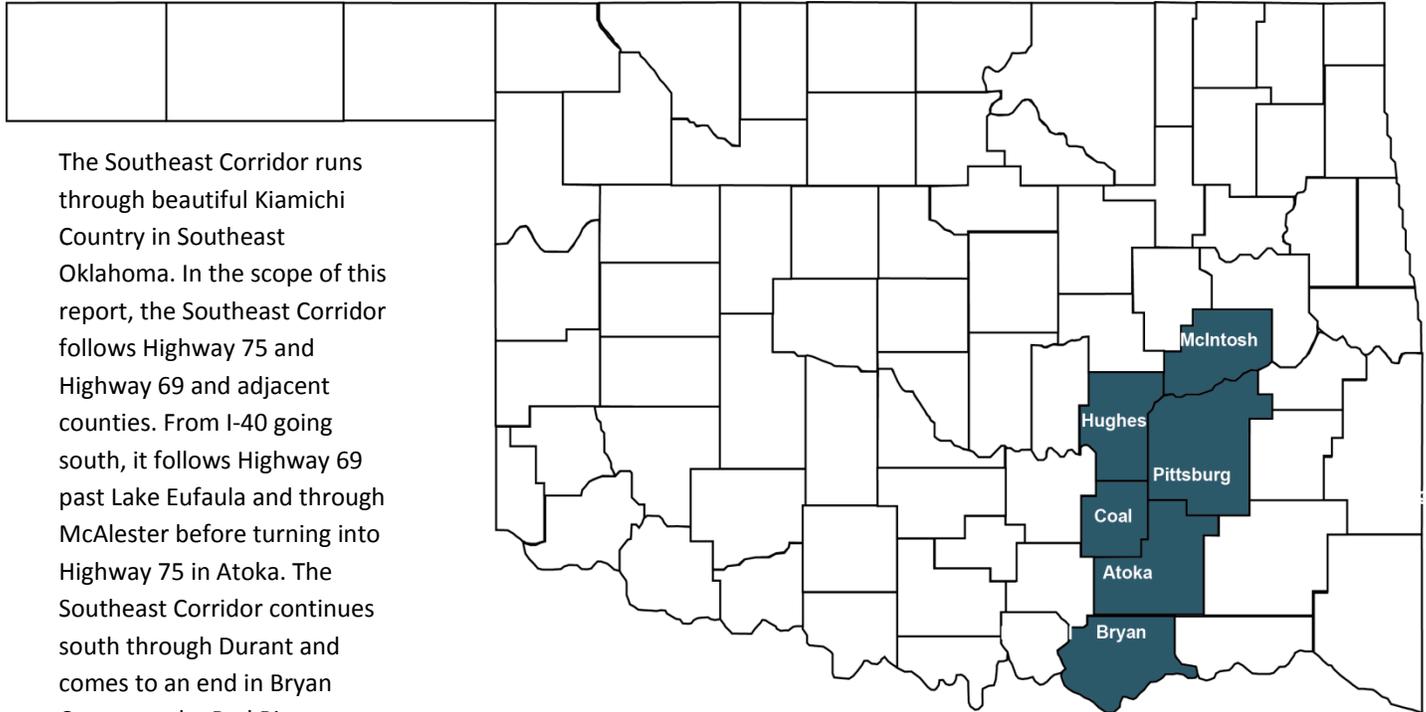


Southeast Corridor Workforce Briefing

July 2014

Overview

The Southeast Corridor is comprised of six counties: Atoka, Bryan, Coal, Hughes, McIntosh, and Pittsburg.



The Southeast Corridor runs through beautiful Kiamichi Country in Southeast Oklahoma. In the scope of this report, the Southeast Corridor follows Highway 75 and Highway 69 and adjacent counties. From I-40 going south, it follows Highway 69 past Lake Eufaula and through McAlester before turning into Highway 75 in Atoka. The Southeast Corridor continues south through Durant and comes to an end in Bryan County at the Red River.

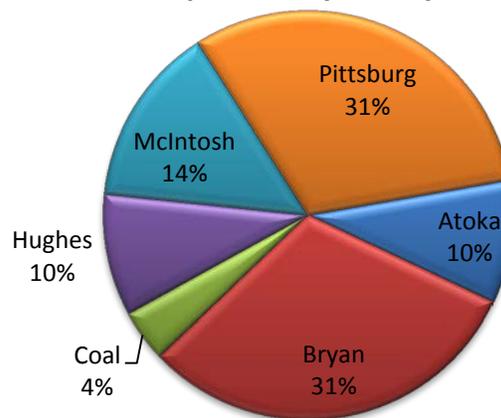
This highway is significant as there is heavy traffic volume continuing to Dallas. As a result, there is a push to turn Highway 75 into an Interstate from Dallas, through the Southeast Corridor, ending in Tulsa. This would bring additional traffic and economic benefits to the region.

Demographics of the Southeast Corridor

Atoka, Bryan, Coal, Hughes, McIntosh, and Pittsburg counties combine for an estimated population of 143,119. McAlester is the largest city in the region with an estimated population of 18,301.

- According to the 2012 Census estimate, Pittsburg is the most populated county in the region with an estimated population of 44,703. Bryan County is a close second at 44,244.
- Coal County is the least populated county in region, with an estimated population of 5,867.
- 2/3 of the counties in the region have lost population since 2010 (Atoka, Coal, Hughes, and Pittsburg).
- Since 2010, Bryan County has experienced a population increase of 4.3% while McIntosh County has experienced a population growth of 1.2%.

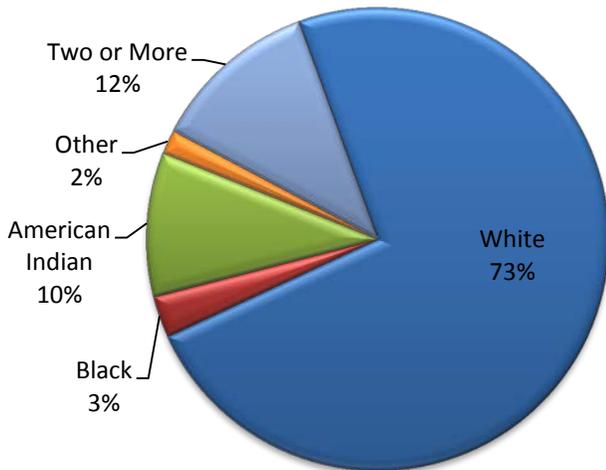
Southeast Corridor Region Percentage of Population by County



Source: Census Quick Facts

Population Breakdown by Race:

Southeast Corridor Region Percentage of Population by Race



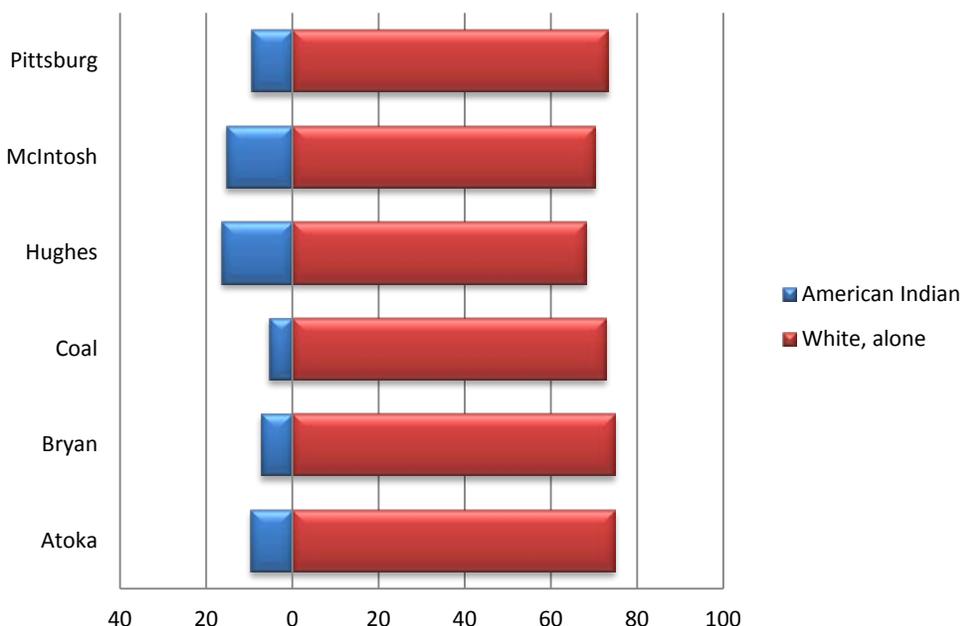
Source: ACS 2008-2012

- 73.4% of residents in the Southeast Corridor region identify themselves as white. This is below the statewide average of 75.5%.
 - American Indian's account for 14,426 people in the Southeast Corridor making them the second most populous racial group in the region at 10%. This is greater than the statewide average of 7.3%.
 - Two or more races consist of 11.6% of the population, while Black or African-American make up 2.9%. Native Hawaiian or Pacific Islander and Asian accounts for a negligible percentage of the population.
 - Hispanics, which are categorized as an ethnicity by the Census bureau, make up 3.8% of the total population in the Southeast Corridor.

The American Indian Population in the Southeast Corridor

- Native Americans are the second most populous racial group in the Southeast Corridor accounting for 14,426 people.
- Pittsburg County has the most Native American residents at 4,299. Hughes County has the highest percentage of Native Americans in the region at 15.8%.
- There are three Native American tribes based in the Southeast Corridor: the Alabama Quassarte Tribal Town in Wetumka (Hughes County); the Kialegee Tribal Town in Wetumka (Hughes County); and the Choctaw Nation in Durant (Bryan County).

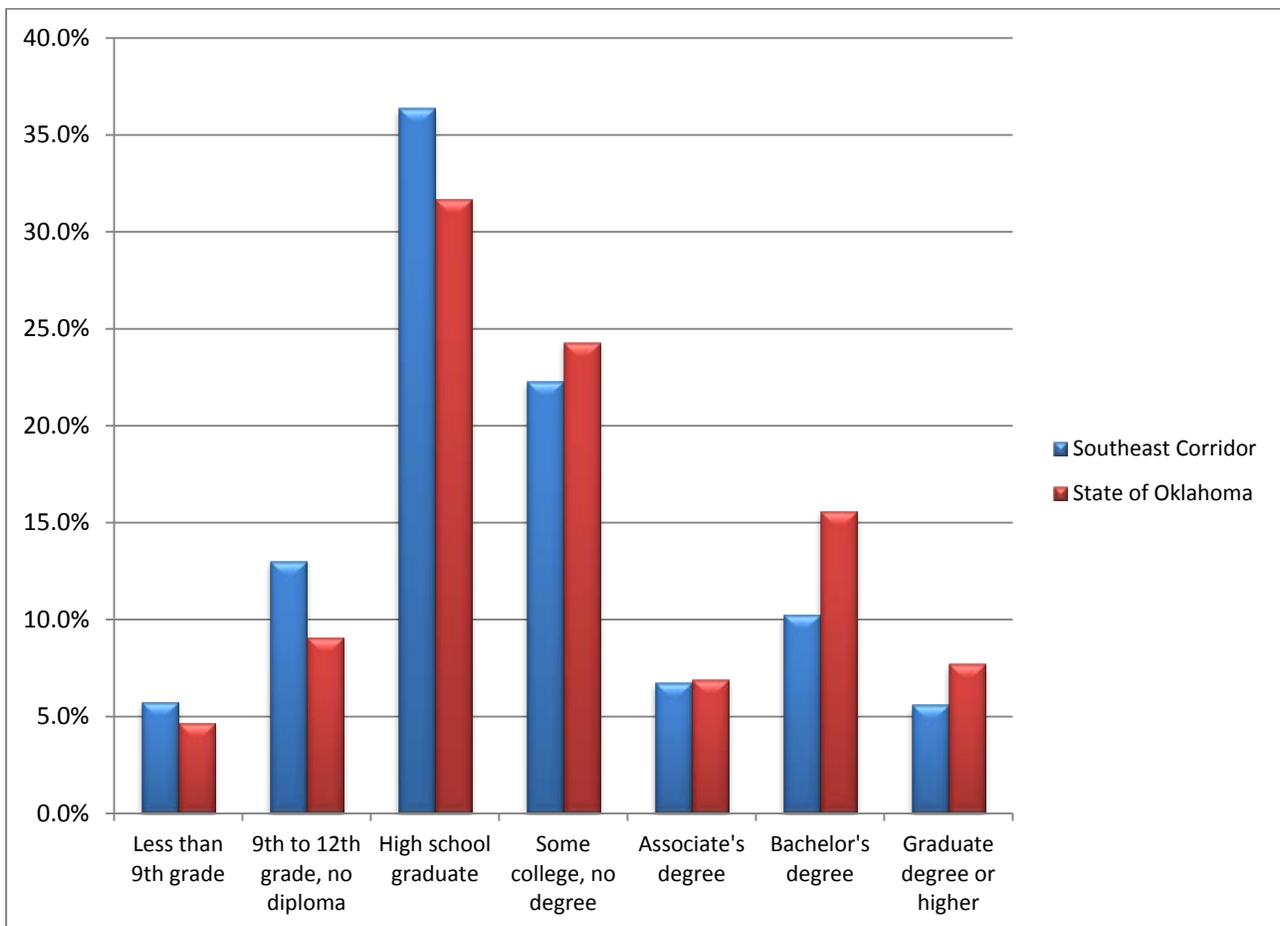
Comparison of American Indian to White, alone population in Southeast Corridor, by percentage



Source: ACS 2008-2012

Educational Attainment in the Southeast Corridor Region:

- Approximately 81% of people residing in the Southeast Corridor have attained at least a high school diploma.
- The Southeast Corridor lags behind state averages in post-secondary educational attainment, however the attainment of Associates degree is very close to the state average.
- In the Southeast Corridor, the attainment for Bachelor’s degree is more than 5% less than the state average.
- Individuals in the Southeast Corridor with less than 9th grade, those who attended high school but didn’t graduate, and those who’s highest educational attainment is graduating high school all surpass statewide averages.
- CareerTechs, colleges, and universities will have the opportunity to increase enrollment numbers as long as they are proactive in reaching out to students. The region as a whole has a lot of work to do to reach state averages on educational attainment.

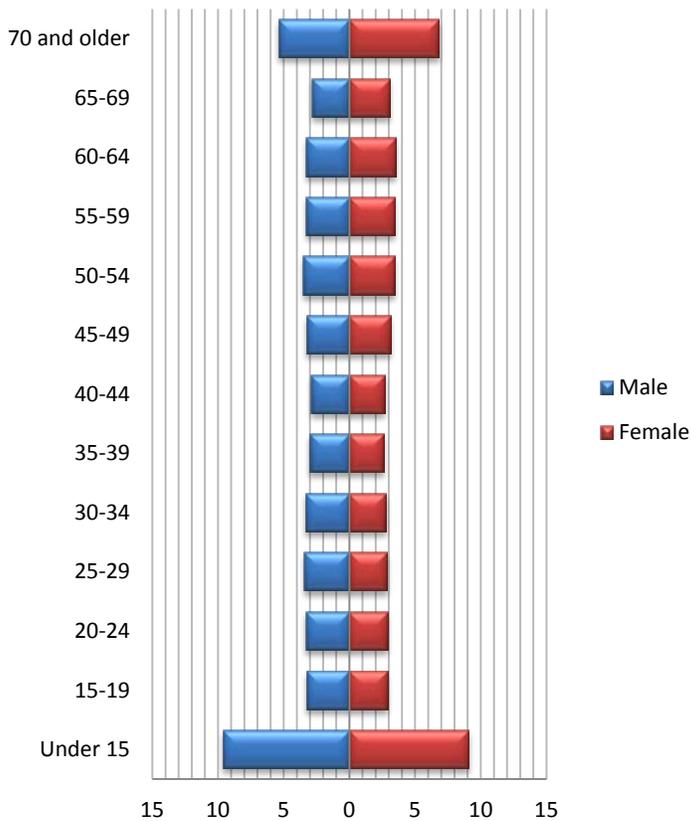


Source: Census Quick Facts

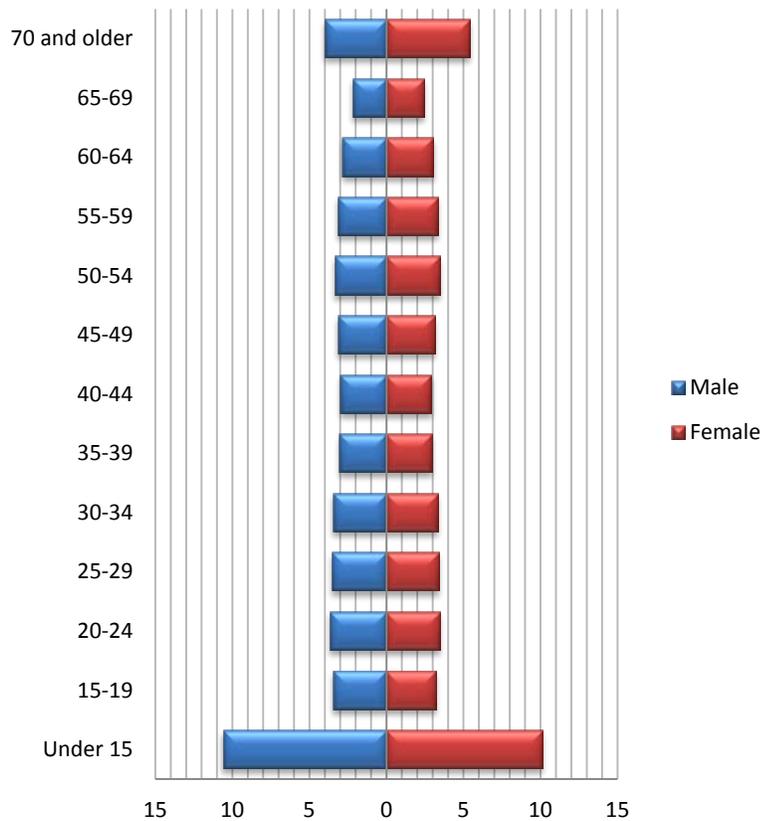
Age and Sex Data in Southeast Corridor:

- According to EMSI’s second quarter of 2014 population estimate, there are 145,189 people living in the Southeast Corridor. Of that there are 71,767 women and 73,422 men. 49.4% of the population is comprised of females while 50.6% is male.
- Statewide, EMSI calculates a population of 3,867,960. Of that 49.6% are women, while men make up 50.4% of the population. In real numbers that comes out to 1,950,115 women and 1,917,845 men.
- The general trend in population figures is consistent when comparing the Southeast Corridor to the rest of the state. The population pyramids show similar bulge areas, specifically amongst youth and baby boomer age ranges, with both charts showing smaller percentages of individuals aged 35-49.

Southeast Corridor Region Age/Sex Data by Percentage of Population



Oklahoma Age/Sex Data by Percentage of Population



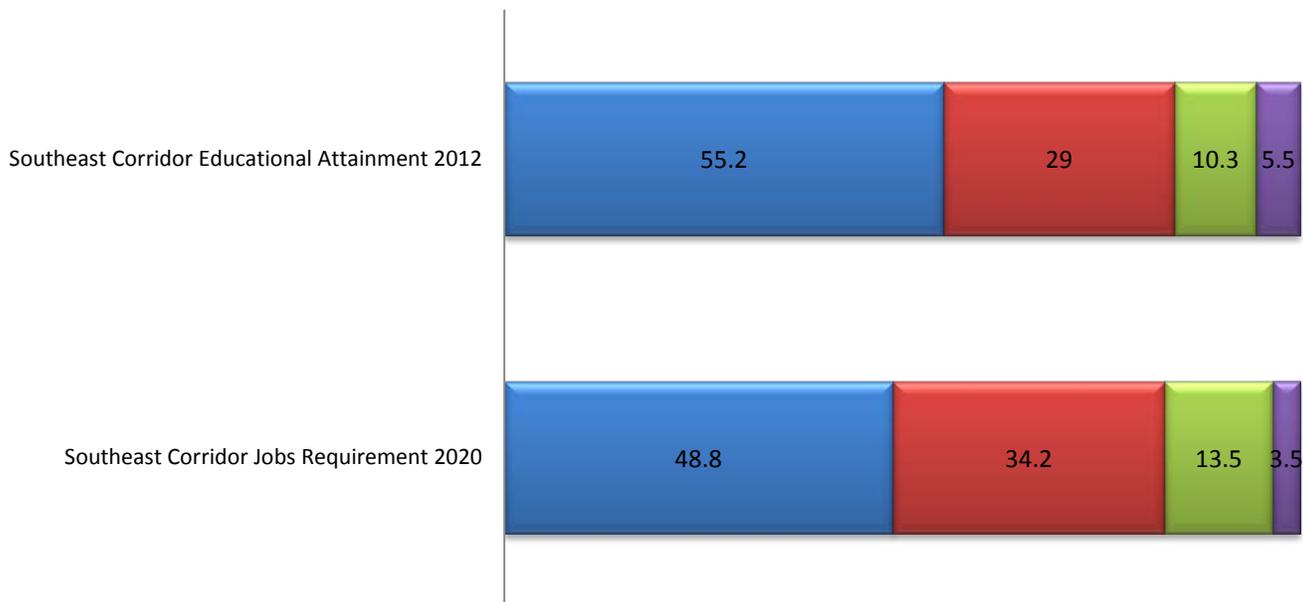
Source: EMSI 2014.2

Southeast Corridor Education Gap

- Based on projected demand, the Southeast Corridor will continue to have a high percentage of jobs that require a high school degree or less. However, the region will need to continue its post-secondary education enrollment to meet 2020 requirements for jobs that require higher education. Fortunately, the region is equipped with CareerTechs and universities to provide necessary skills to residents.
- The Southeast Corridor will need to increase their number of residents with Bachelor's degrees to be fully prepared for the job environment by 2020. Otherwise, there could be a gap between job requirements and educational attainment.
- A significant concern when looking at future job requirements is the continuation of jobs that only require high school or less. This indicates that many jobs in the region are expected to remain in low-skilled industries which will likely contribute to wages across the region being less than the state average.

Southeast Corridor Educational Gap for Jobs by 2020

■ High School or Less
 ■ Post-Secondary Training, Associates Degree
 ■ Bachelor's Degree
 ■ Grad Degree or Higher



Source: QCEW Employees, Non-QCEW Employees & Self-Employed - EMSI 2014.2 Class of Worker; US Census Quick Facts

Southeast Corridor Educational Assets

CareerTechs, colleges and universities in the Southeast Corridor of Oklahoma are instrumental in developing the regions workforce. They are assets that allow the region and the rest of the state to supply organizations and companies with the labor and skills necessary to keep them operational and competitive in a global economy.

CareerTechs

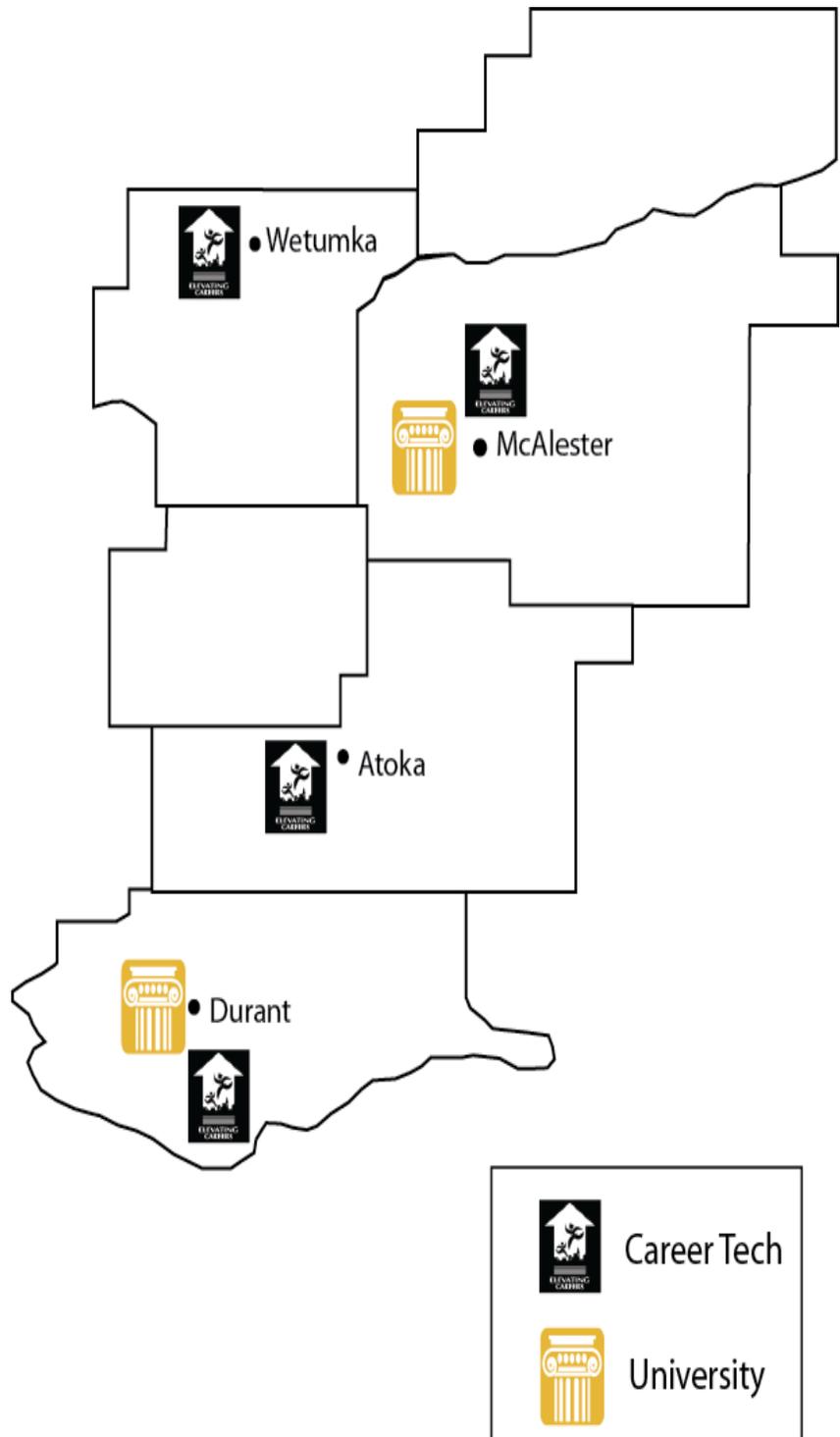
- **Kiamichi Technology Center**
(Atoka, Durant, McAlester)
- **Wes Watkins Technology Center**
(Wetumka)

Colleges and Universities

In addition to the Career Techs in the region there are two colleges and universities in the region, with three locations.

- **Southeastern Oklahoma State University**
(Durant)
- **Eastern Oklahoma State College**
(McAlester)

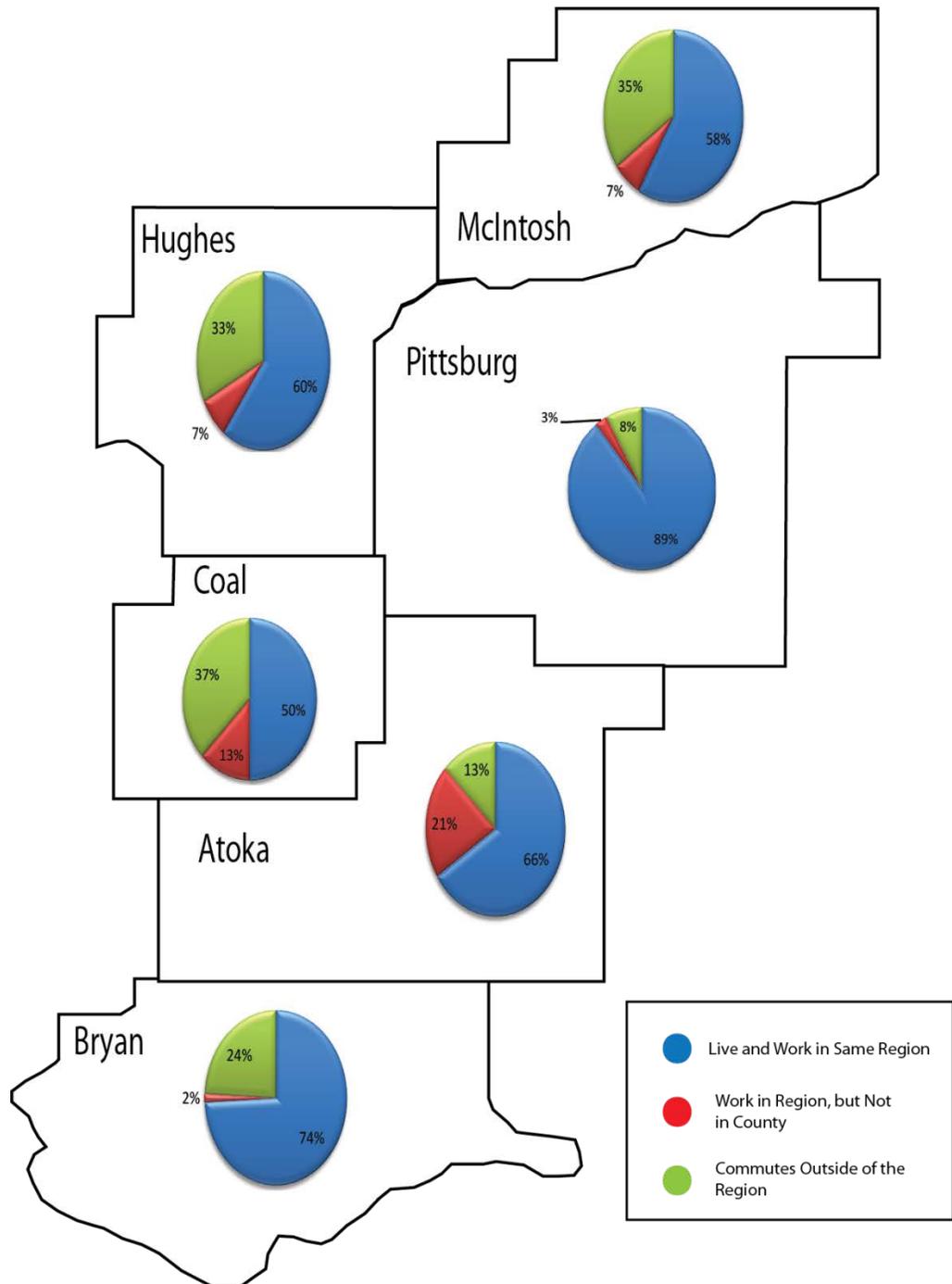
Trend: In 2012-2013 there were 315 Associate's degrees and Certificates awarded in the region. During the same time period, 805 Bachelor's degrees or higher level degrees were awarded in the region



Source: Oklahoma CareerTech, Oklahoma State Regents for Higher Education

Commuter Data

- According to the commuting data, 50% or more of the people in the Southeast Corridor live and work in the same region.
- Tulsa, Ft. Smith, AR and Dallas, TX are a few of the most common out of region destinations for commuters that reside within the Southeast Corridor region.
- With relatively dispersed commerce in the region, this data illustrates that residents, regardless of the strength or weakness of the economy, would still prefer to stay within close distance to their homes when commuting to their workplaces.



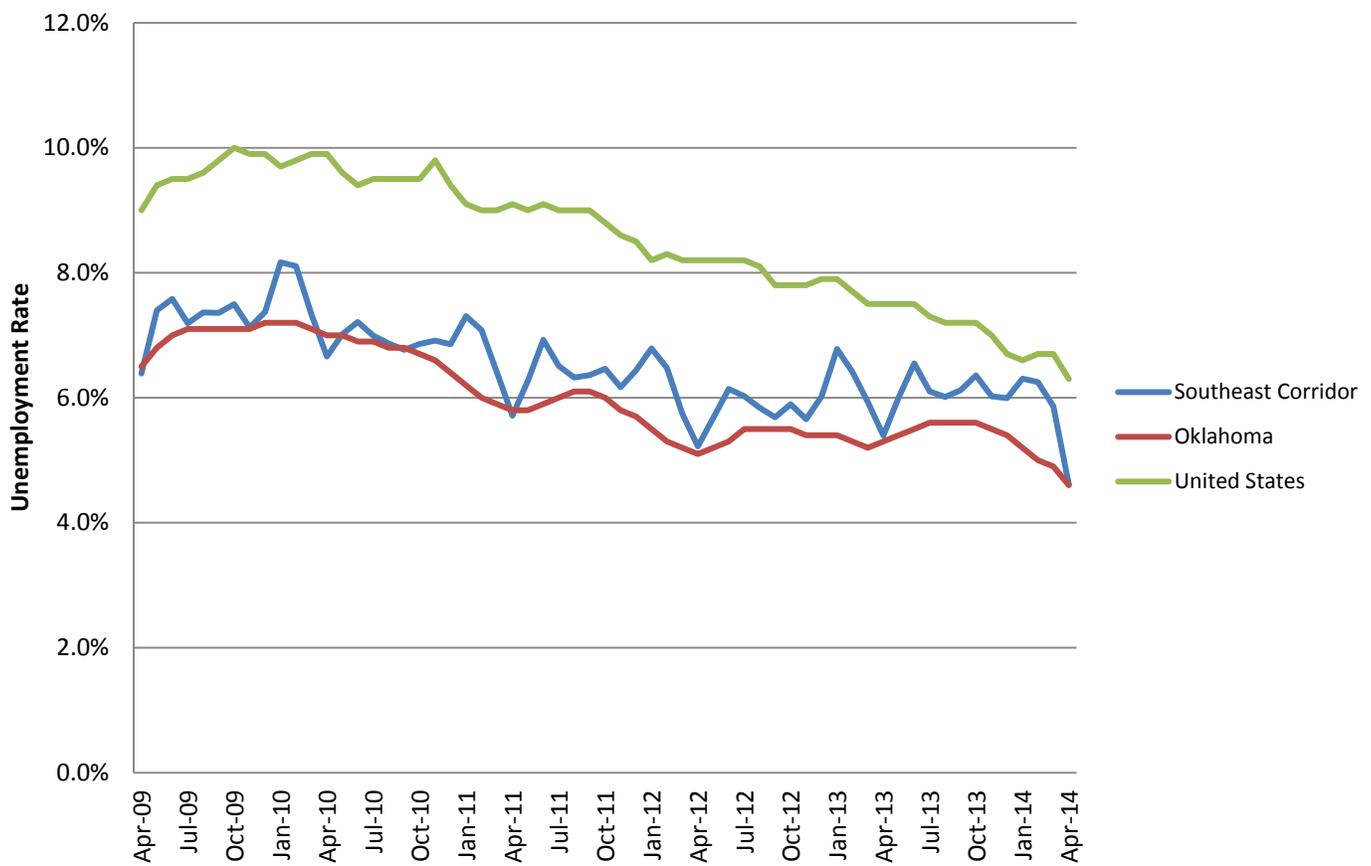
Source: ACS Residence County to Workplace County Flows for the United States and Puerto Rico

Economic Data

Unemployment Rate:

- Since April 2009, the Southeast Corridor has stayed below the national unemployment rate but has generally stayed above the state unemployment rate. While having reached a peak of 8.2% in January 2010, the unemployment rate in the region is currently at 4.6%.
- One of the reasons why the Southeast Corridor's employment trends have struggled compared to the rest of the state is because, unlike many areas of the state, they have not benefitted in as much from the oil and gas boom that has occurred in the past five years.
- On a positive note, the Southeast Corridor has maintained a gradual declining trend in unemployment rates since its peak in January 2010.

5 Year Unemployment Rate in Southeast Corridor

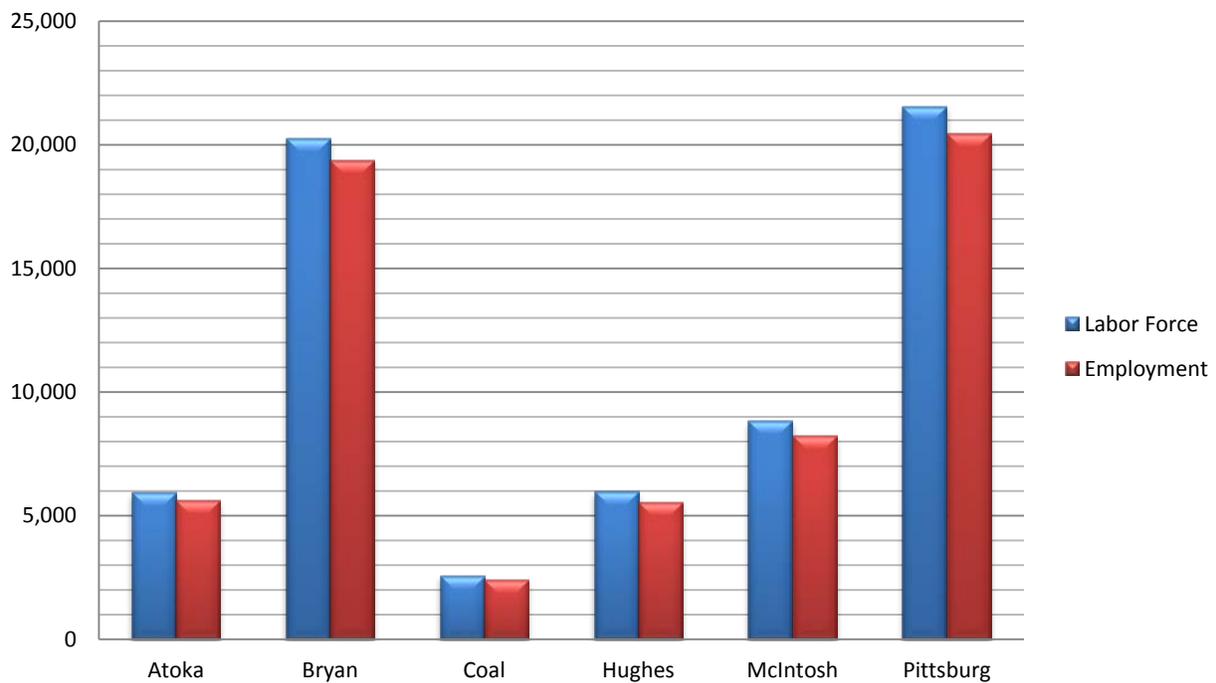


Source: Bureau of Labor Statistics, Local Area Unemployment Statistics

Total Employment:

- In real numbers, 65,149 people in the Southeast Corridor are seeking employment, and 61,664 are employed. That equates to 94.7% of the labor force in the region is employed.
- Pittsburg County possesses the largest population, largest labor force and largest number of people employed in the region. Bryan County is a close second in population, labor force, and employment.
- Coal, Hughes, and McIntosh counties all face unemployment rates of greater than 6.2%.

Total Employment by County in the Southeast Corridor, May 2014

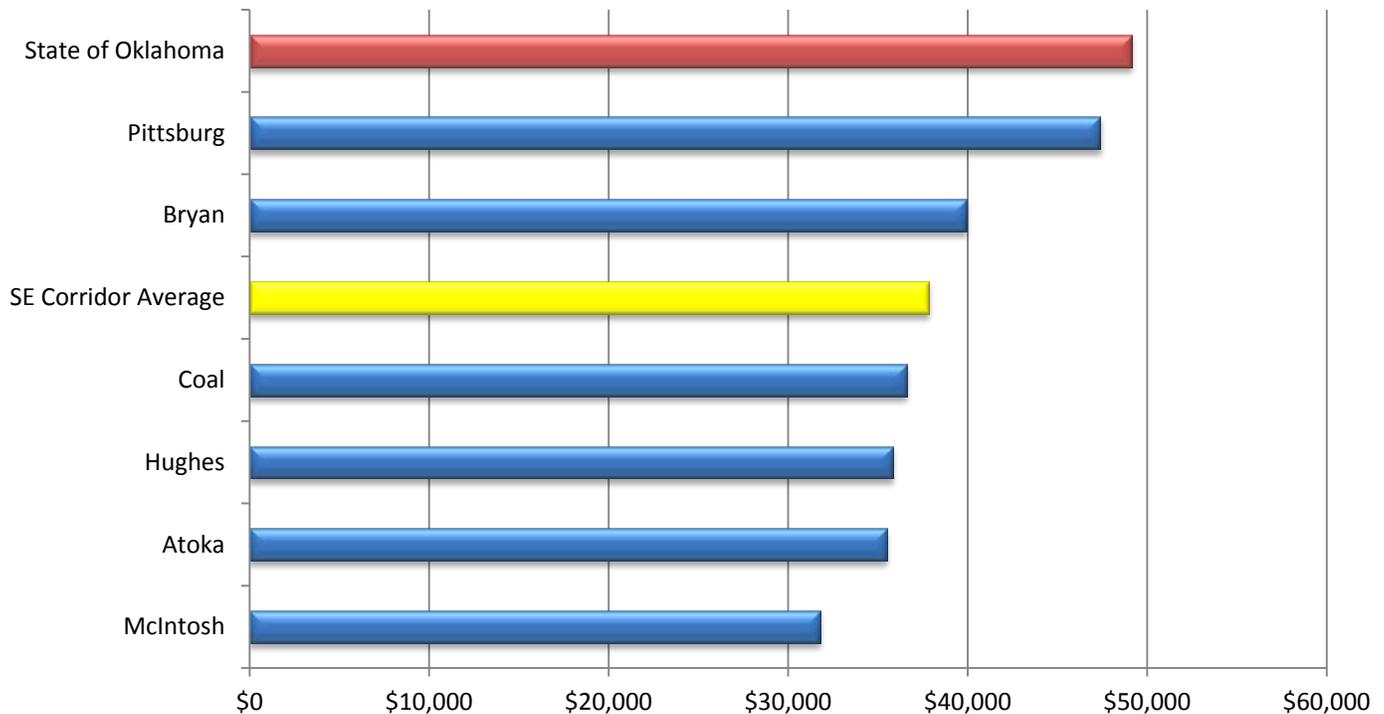


Source: Bureau of Labor Statistics, Local Area Unemployment Statistics

Wages by County:

- Wages throughout the Southeast Corridor region trail the state’s average of \$49,160, however Pittsburg County comes close. The gap between the Southeast Corridor’s counties and the state average ranges from \$1,760 in Pittsburg County to \$17,360 in McIntosh County.
- Pittsburg and Bryan counties are the two largest in the region, and have the highest annual earnings. Coal County is the smallest county in the region, but has annual earnings closest to the region average. McIntosh County is the third largest county in the region in terms of population, but has the lowest annual earnings.
- The Southeast Corridor average earning is \$37,850 while the state average is \$49,160, a difference of \$11,310.

Annual Yearly Earnings by County

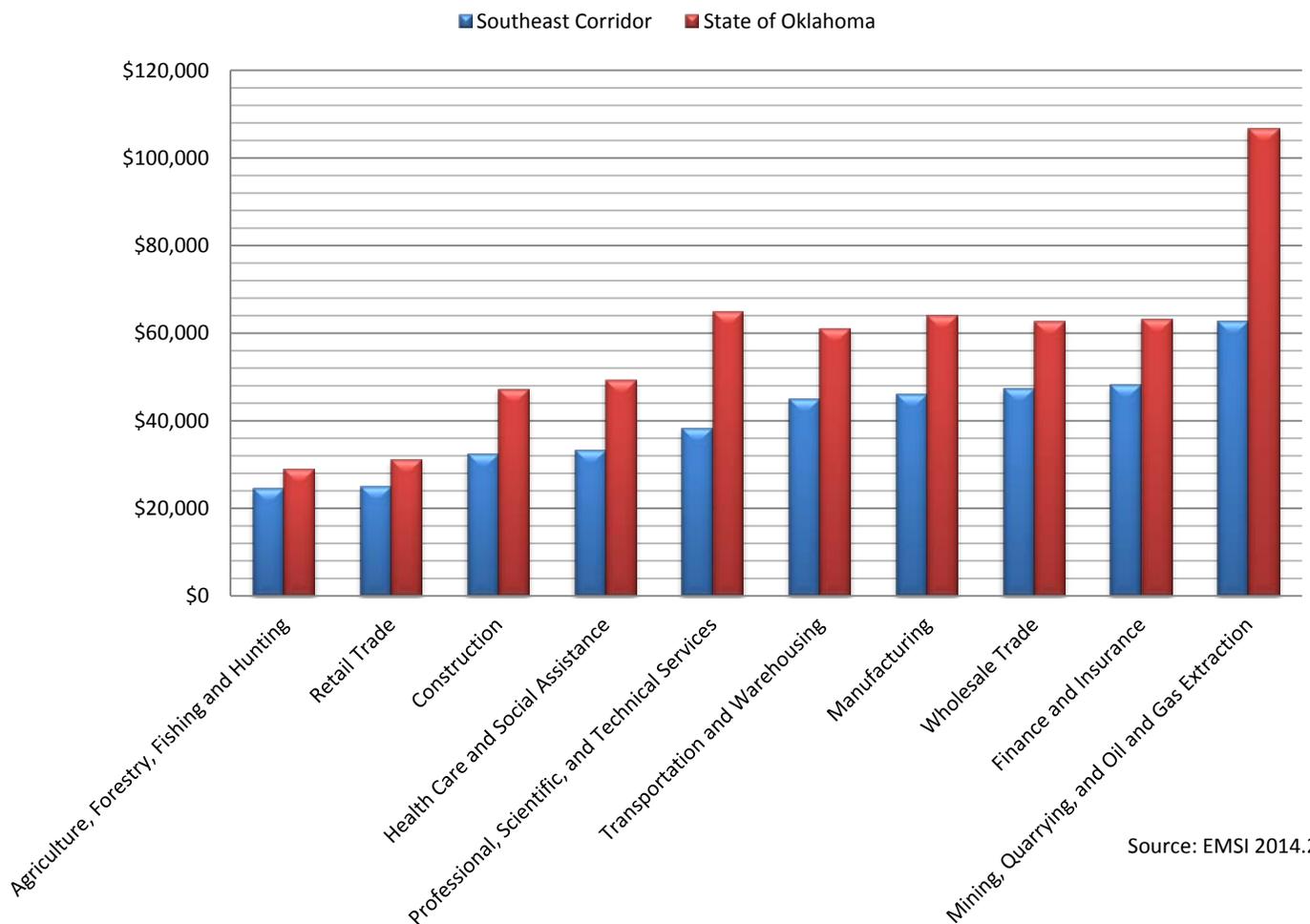


Source: EMSI 2014.2

Wages by Industry:

- Industry earnings in the Southeast Corridor all track lower than state averages. The most noticeable earnings difference occurs in the, “Mining, Oil & Gas Extraction,” industry. Statewide this position earns \$40,000 more than in the Southeast Corridor.
- The two industries in the Southeast Corridor that compare closest to state averages are, “Retail Trade,” and “Agriculture.” The earnings difference in both industries is within \$6,000 dollars when comparing the Southeast Corridor’s averages to the state average.
- At \$62,382, Mining, Oil & Gas Extraction is the only industry in the region that outpaces the state’s yearly average earnings of \$49,200.

Average Earnings by Industry in Southeast Corridor and State of Oklahoma



Major Employers in the Southeast Corridor

Listed below are some of the more significant employers in the region. Commerce in the Southern Corridor is not primarily concentrated in any one area; however there are a significant number of health and government related employers in the area.

Employer	City	Industry
Department Of Defense	McAlester	Ammunition Manufacturing
Choctaw Nation Of Oklahoma	Durant	American Indian and Alaska Native Tribal Governments
Choctaw Casino - Durant	Durant	Casinos
McAlester Regional Hospital	McAlester	General Medical and Surgical Hospitals
Durant School District-72	Durant	Elementary and Secondary Schools
Southeastern Oklahoma State University	Durant	Colleges Universities and Professional Schools
McAlester Public Schools	McAlester	Elementary and Secondary Schools
Wal-Mart Associates	McAlester, Durant, Checotah	Warehouse Clubs and Supercenters
Medical Center Of Southeast Oklahoma	Durant	General Medical and Surgical Hospitals
Select Energy Services LLC	Alderson	Support Activities for Oil and Gas Operations
Department Of Corrections	McAlester	Correctional Institutions
DNC Hospitality Management Of	Durant	Full Service Restaurants
Big Lots	Durant	General Warehousing and Storage
Spirit AeroSystems	McAlester	Aircraft Manufacturing
First United Bank & Trust	Durant	Offices of Other Holding Companies
Cardinal Glass Industries	Durant	Flat Glass Manufacturing
Davis Correctional Facility	Holdenville	Correctional Institutions
Checotah Independent School District	Checotah	Elementary and Secondary Schools
Stephenson Wholesale Co Inc.	Durant	Merchant Wholesalers
City of Durant	Durant	Other General Government Support

Source: QCEW, EMSI 2014.2

Ecosystems Impact in the Southeast Corridor on Occupations and Salaries

The Oklahoma Department of Commerce identified five ecosystems in Oklahoma important to the economy to generate wealth, have employment growth potential, or where the state has a competitive advantage. In each ecosystem, there are critical occupations necessary for future growth and advancement. In addition to the five statewide ecosystems, there are ecosystems at the regional level important for regional economies.

Aerospace & Defense

Based on 2013 job numbers there are 2,740 jobs in the Aerospace & Defense Ecosystem in the Southeast Corridor with average earnings of approximately \$37,500.

As a projection of demand by 2020, total employment in the Aerospace and Defense ecosystem will decrease to 2,620 jobs in the Southeast Corridor, a loss of 120 jobs for the region.

The list below encompasses some of the critical occupations for the Aerospace and Defense ecosystem in the Southeast Corridor. However, these occupations are not solely intended to serve the Aerospace and Defense ecosystem, they are driven by demand and individuals with these work backgrounds will have transferable skills to other ecosystems.

SOC	Occupation	Median Hourly Earnings	Education Level
55-9999	Military occupations	\$15.35	N/A
51-4121	Welders, Cutters, Solderers, and Brazers	\$15.08	Moderate-term on-the-job training
49-9041	Industrial Machinery Mechanics	\$21.34	Long-term on-the-job training
51-2011	Aircraft Structure, Surfaces, Rigging, and Systems Assemblers	\$16.30	Moderate-term on-the-job training
51-4041	Machinists	\$16.86	Long-term on-the-job training
51-9061	Inspectors, Testers, Sorters, Samplers, and Weighers	\$16.13	Moderate-term on-the-job training
51-2092	Team Assemblers	\$12.07	Moderate-term on-the-job training
17-2011	Aerospace Engineers	\$52.38	Bachelor's degree
49-9071	Maintenance and Repair Workers, General	\$14.78	Long-term on-the-job training
17-3026	Industrial Engineering Technicians	\$25.95	Associate's degree
49-3011	Aircraft Mechanics and Service Technicians	\$17.89	Postsecondary non-degree award
17-2112	Industrial Engineers	\$26.77	Bachelor's degree
51-4033	Grinding, Lapping, Polishing, and Buffing Machine Tool Setters, Operators, and Tenders, Metal and Plastic	\$14.93	Moderate-term on-the-job training
51-4081	Multiple Machine Tool Setters, Operators, and Tenders, Metal and Plastic	\$15.02	Moderate-term on-the-job training
51-4032	Drilling and Boring Machine Tool Setters, Operators, and Tenders, Metal and Plastic	\$17.47	Moderate-term on-the-job training

Source: EMSI 2014.2

As previously mentioned, the critical occupations above are necessary for the Aerospace & Defense ecosystem to thrive. Just as important, these critical occupations are necessary for other industries as well. Other industries that demand these occupations include Engineering Services, Crude Petroleum & Natural Gas Extraction, and Oil & Gas Field Machinery Manufacturers among others in the Southeast Corridor.

Energy

Based on 2013 job numbers there are 2,800 jobs in the Energy Ecosystem in the Southeast Corridor with average earnings of \$69,500.

As a projection of demand, by 2020 total employment in the Energy ecosystem will grow to 3,620 jobs in the Southeast Corridor, an addition of 820 jobs for the region.

The list below encompasses some of the critical occupations for the Energy ecosystem in the Southeast Corridor. However, these occupations are not solely intended to serve the Energy ecosystem, they are driven by demand and individuals with these work backgrounds will have transferable skills to other ecosystems.

SOC	Occupation	Median Hourly Earnings	Education Level
47-5071	Roustabouts, Oil and Gas	\$17.42	Moderate-term on-the-job training
47-5013	Service Unit Operators, Oil, Gas, and Mining	\$20.76	Moderate-term on-the-job training
47-5012	Rotary Drill Operators, Oil and Gas	\$20.96	Moderate-term on-the-job training
47-5021	Earth Drillers, Except Oil and Gas	\$22.64	Moderate-term on-the-job training
47-2073	Operating Engineers and Other Construction Equipment Operators	\$18.46	Moderate-term on-the-job training
11-1021	General and Operations Managers	\$33.22	Bachelor's degree
49-9041	Industrial Machinery Mechanics	\$21.34	Long-term on-the-job training
17-2171	Petroleum Engineers	\$57.53	Bachelor's degree
19-2042	Geoscientists, Except Hydrologists and Geographers	\$52.80	Bachelor's degree
47-2111	Electricians	\$19.25	Long-term on-the-job training
47-2152	Plumbers, Pipefitters, and Steamfitters	\$17.63	Long-term on-the-job training
17-2141	Mechanical Engineers	\$32.76	Bachelor's degree
51-2031	Engine and Other Machine Assemblers	\$17.04	Short-term on-the-job training
47-2051	Cement Masons and Concrete Finishers	\$14.31	Moderate-term on-the-job training
47-2211	Sheet Metal Workers	\$19.21	Long-term on-the-job training

Source: EMSI 2014.2

As previously mentioned, these occupations are necessary for the Energy ecosystem to thrive. Just as important, they are necessary for other industries as well. Other industries that demand these occupations include General Freight Trucking, and Commercial & Industrial Equipment Maintenance.

Agriculture & Bioscience

Based on 2013 job numbers there are 1,550 jobs in the Agriculture & Bioscience ecosystem in the Southeast Corridor with average earnings of \$37,400.

As a projection of demand, by 2020 total employment in the Agriculture and Bioscience ecosystem will decrease to 1,380 jobs in the Southeast Corridor, a loss of 170 jobs for the region.

The list below encompasses some of the critical occupations for the Agriculture and Bioscience ecosystem in the Southeast Corridor. However, these occupations are not solely intended to serve the Agriculture and Bioscience ecosystem, they are driven by demand and individuals with these work backgrounds will have transferable skills to other ecosystems.

SOC	Occupation	Median Hourly Earnings	Education Level
11-9013	Farmers, Ranchers, and Other Agricultural Managers	\$9.89	High school diploma or equivalent
17-2112	Industrial Engineers	\$26.77	Bachelor's degree
17-2141	Mechanical Engineers	\$32.76	Bachelor's degree
19-2042	Geoscientists, Except Hydrologists and Geographers	\$52.80	Bachelor's degree
29-1131	Veterinarians	\$35.21	Doctoral or professional degree
29-2056	Veterinary Technologists and Technicians	\$12.65	Associate's degree
45-1011	First-Line Supervisors of Farming, Fishing, and Forestry Workers	\$22.69	Short-term on-the-job training
45-2091	Agricultural Equipment Operators	\$10.47	Short-term on-the-job training
45-2092	Farmworkers and Laborers, Crop, Nursery, and Greenhouse	\$9.52	Short-term on-the-job training
45-2099	Agricultural Workers, All Other	\$15.91	Short-term on-the-job training
49-3041	Farm Equipment Mechanics and Service Technicians	\$14.27	Long-term on-the-job training
53-3032	Heavy and Tractor-Trailer Truck Drivers	\$15.81	Postsecondary non-degree award
53-7051	Industrial Truck and Tractor Operators	\$15.98	Short-term on-the-job training
53-7062	Laborers and Freight, Stock, and Material Movers, Hand	\$10.59	Short-term on-the-job training

Source: EMSI 2014.2

As previously mentioned, these occupations are necessary for the Agriculture & Bioscience ecosystem to thrive. Just as important, they are necessary for other industries as well. Other industries that demand these occupations include General Freight Trucking, Nitrogenous Fertilizer Manufacturing, and Grain Merchant Wholesalers among others in the Southeast Corridor.

Information & Financial Services

Based on 2013 job numbers there are 2,170 jobs in the Information & Financial Services ecosystem in the Southeast Corridor region with average wages of \$54,200

As a projection of demand, by 2020 total employment in the Information and Financial Services ecosystem will grow to 2,450 jobs in the Southeast Corridor, an addition of 280 jobs for the region.

The list below encompasses some of the critical occupations for the Information and Financial Services ecosystem in the Southeast Corridor. However, these occupations are not solely intended to serve the Information and Financial Services ecosystem, they are driven by demand and individuals with these work backgrounds will have transferable skills to other ecosystems.

SOC	Occupation	Median Hourly Earnings	Education Level
43-3031	Bookkeeping, Accounting, and Auditing Clerks	\$12.84	Moderate-term on-the-job training
13-2011	Accountants and Auditors	\$21.65	Bachelor's degree
11-1021	General and Operations Managers	\$33.22	Bachelor's degree
11-3031	Financial Managers	\$30.69	Bachelor's degree
49-2022	Telecommunications Equipment Installers and Repairers, Except Line Installers	\$16.56	Postsecondary non-degree award
41-3031	Securities, Commodities, and Financial Services Sales Agents	\$28.14	Bachelor's degree
15-1121	Computer Systems Analysts	\$26.89	Bachelor's degree
13-2051	Financial Analysts	\$25.27	Bachelor's degree
13-2052	Personal Financial Advisors	\$26.72	Bachelor's degree
15-1131	Computer Programmers	\$26.51	Bachelor's degree
15-1132	Software Developers, Applications	\$30.04	Bachelor's degree
13-1111	Management Analysts	\$27.64	Bachelor's degree
11-3021	Computer and Information Systems Managers	\$36.49	Bachelor's degree
13-2099	Financial Specialists, All Other	\$21.60	Bachelor's degree
13-2061	Financial Examiners	\$30.34	Bachelor's degree

Source: EMSI 2014.2

As previously mentioned, these occupations are necessary for the Information & Financial Services ecosystem to thrive. Just as important, they are necessary for other industries as well. Other industries that demand these occupations include Computer Systems Design, Engineering Services and Wholesale Trade among others.

Transportation & Distribution

Based on 2013 job numbers there are 2,640 jobs in the Transportation & Distribution ecosystem in the Southeast Corridor with average earnings of \$45,300.

As a projection of demand, by 2020 total employment in the Transportation and Distribution ecosystem will increase to 3,070, a gain of 430 jobs for the region.

The list below encompasses some of the critical occupations for the Transportation and Distribution ecosystem in the Southeast Corridor. However, these occupations are not solely intended to serve the Transportation and Distribution ecosystem, they are driven by demand and individuals with these work backgrounds will have transferable skills to other ecosystems.

SOC	Occupation	Median Hourly Earnings	Education Level
53-3032	Heavy and Tractor-Trailer Truck Drivers	\$15.81	Postsecondary non-degree award
53-7051	Industrial Truck and Tractor Operators	\$15.98	Short-term on-the-job training
51-2092	Team Assemblers	\$12.07	Moderate-term on-the-job training
49-3031	Bus and Truck Mechanics and Diesel Engine Specialists	\$14.57	Postsecondary non-degree award
49-9041	Industrial Machinery Mechanics	\$21.34	Moderate-term on-the-job training
51-9061	Inspectors, Testers, Sorters, Samplers, and Weighers	\$16.13	Moderate-term on-the-job training
11-3071	Transportation, Storage, and Distribution Managers	\$37.55	Moderate-term on-the-job training
51-4041	Machinists	\$16.86	Moderate-term on-the-job training
49-3042	Mobile Heavy Equipment Mechanics, Except Engines	\$16.39	Moderate-term on-the-job training
13-1081	Logisticians	\$36.75	Bachelor's degree
49-3011	Aircraft Mechanics and Service Technicians	\$17.89	Postsecondary non-degree award
15-1142	Network and Computer Systems Administrators	\$24.62	Bachelor's degree
47-2073	Operating Engineers and Other Construction Equipment Operators	\$18.46	Moderate-term on-the-job training
15-1132	Software Developers, Applications	\$30.04	Bachelor's degree
15-1131	Computer Programmers	\$26.51	Bachelor's degree

Source: EMSI 2014.2

As previously mentioned, these occupations are necessary for the Transportation & Distribution ecosystem to thrive. Just as important, they are necessary for other industries as well. Other industries that demand these occupations include Support Activities for Oil & Gas Operations and Oil & Gas Machinery Manufacturing among others.

Health Care(Regional Complementary)

Based on 2013 job numbers there are 5,370 jobs in the Health Care ecosystem in the Southeast Corridor with average wages of \$38,400.

As a projection of demand, by 2020 total employment in the Health Care ecosystem will grow to 6,420 jobs in the Southeast Corridor, an addition of 1,050 jobs for the region.

The list below encompasses some of the critical occupations for the Health Care ecosystem in the Southeast Corridor. However, these occupations are not solely intended to serve the Health Care ecosystem, they are driven by demand and individuals with these work backgrounds will have transferable skills to other ecosystems.

SOC	Occupation	Median Hourly Earnings	Education Level
31-1014	Nursing Assistants	\$9.85	Postsecondary non-degree award
39-9021	Personal Care Aides	\$8.82	Short-term on-the-job training
29-1141	Registered Nurses	\$27.37	Associate's degree
29-2061	Licensed Practical and Licensed Vocational Nurses	\$17.10	Postsecondary non-degree award
31-1011	Home Health Aides	\$9.49	Short-term on-the-job training
31-9092	Medical Assistants	\$12.45	Postsecondary non-degree award
29-2021	Dental Hygienists	\$35.29	Associate's degree
21-1021	Child, Family, and School Social Workers	\$14.99	Bachelor's degree
29-1021	Dentists, General	\$63.92	Doctoral or professional degree
21-1022	Healthcare Social Workers	\$19.95	Master's degree
21-1014	Mental Health Counselors	\$18.69	Master's degree
29-1071	Physician Assistants	\$47.53	Master's degree
21-1023	Mental Health and Substance Abuse Social Workers	\$14.21	Bachelor's degree
19-3031	Clinical, Counseling, and School Psychologists	\$22.61	Doctoral or professional degree
29-1122	Occupational Therapists	\$30.72	Master's degree

Source: EMSI 2014.2

As previously mentioned, these occupations are necessary for the Health Care ecosystem to thrive. Just as important, they are necessary for other industries as well. Other industries that demand these occupations include Scientific Research and Development Services and Pharmaceutical and Medicine Manufacturing among others.

Construction(Regional Complementary)

Based on 2013 job numbers there are 2,620 jobs in the Construction ecosystem in the Southeast Corridor with average wages of \$35,400.

As a projection of demand, by 2020 total employment in the Construction ecosystem will grow to 2,950 jobs in the Southeast Corridor, an addition of 330 jobs for the region.

The list below encompasses some of the critical occupations for the Construction ecosystem in the Southeast Corridor. However, these occupations are not solely intended to serve the Construction ecosystem, they are driven by demand and individuals with these work backgrounds will have transferable skills to other ecosystems.

SOC	Occupation	Median Hourly Earnings	Experience Level
47-2061	Construction Laborers	\$11.75	Short-term on-the-job training
47-2031	Carpenters	\$12.33	Apprenticeship
11-9021	Construction Managers	\$17.92	Bachelor's degree
47-2073	Operating Engineers and Other Construction Equipment Operators	\$18.46	Moderate-term on-the-job training
47-2111	Electricians	\$19.25	Apprenticeship
47-2152	Plumbers, Pipefitters, and Steamfitters	\$17.63	Apprenticeship
47-2141	Painters, Construction and Maintenance	\$11.97	Moderate-term on-the-job training
49-9021	Heating, Air Conditioning, and Refrigeration Mechanics and Installers	\$17.00	Postsecondary non-degree award
47-2151	Pipelayers	\$14.70	Short-term on-the-job training
53-3032	Heavy and Tractor-Trailer Truck Drivers	\$15.81	Short-term on-the-job training
47-2051	Cement Masons and Concrete Finishers	\$14.31	Moderate-term on-the-job training
51-4121	Welders, Cutters, Solderers, and Brazers	\$15.08	Moderate-term on-the-job training
47-2181	Roofers	\$11.56	Moderate-term on-the-job training
53-7032	Excavating and Loading Machine and Dragline Operators	\$15.53	Moderate-term on-the-job training
47-2081	Drywall and Ceiling Tile Installers	\$13.24	Moderate-term on-the-job training

Source: EMSI 2014.2

As previously mentioned, these occupations are necessary for the Construction ecosystem to thrive. Just as important, they are necessary for other industries as well. Other industries that demand these occupations include Support Activities for Wholesale Trade, Machine Shops and Energy sector related Construction among others in the Southeast Corridor.

Manufacturing(Regional Complementary)

Based on 2013 job numbers there are 3,010 jobs in the Manufacturing ecosystem in the Southeast Corridor with average wages of \$52,900.

As a projection of demand, by 2020 total employment in the Manufacturing ecosystem will decrease to 2,830 jobs in the Southeast Corridor, a loss of 180 jobs for the region.

The list below encompasses some of the critical occupations for the Manufacturing ecosystem in the Southeast Corridor. However, these occupations are not solely intended to serve the Manufacturing ecosystem, they are driven by demand and individuals with these work backgrounds will have transferable skills to other ecosystems.

SOC	Occupation	Median Hourly Earnings	Experience Level
51-4041	Machinists	\$16.86	Long-term on-the-job training
51-2092	Team Assemblers	\$12.07	Moderate-term on-the-job training
51-4121	Welders, Cutters, Solderers, and Brazers	\$15.08	Moderate-term on-the-job training
49-9041	Industrial Machinery Mechanics	\$21.34	Long-term on-the-job training
53-3032	Heavy and Tractor-Trailer Truck Drivers	\$15.81	Postsecondary non-degree award
11-1021	General and Operations Managers	\$33.22	Bachelor's degree
49-9071	Maintenance and Repair Workers, General	\$14.78	Long-term on-the-job training
51-4031	Cutting, Punching, and Press Machine Setters, Operators, and Tenders, Metal and Plastic	\$11.28	Moderate-term on-the-job training
53-7051	Industrial Truck and Tractor Operators	\$15.98	Short-term on-the-job training
51-9041	Extruding, Forming, Pressing, and Compacting Machine Setters, Operators, and Tenders	\$20.69	Moderate-term on-the-job training
51-2011	Aircraft Structure, Surfaces, Rigging, and Systems Assemblers	\$16.30	Moderate-term on-the-job training
49-9043	Maintenance Workers, Machinery	\$13.90	Moderate-term on-the-job training
51-4081	Multiple Machine Tool Setters, Operators, and Tenders, Metal and Plastic	\$15.02	Moderate-term on-the-job training
51-4033	Grinding, Lapping, Polishing, and Buffing Machine Tool Setters, Operators, and Tenders, Metal and Plastic	\$14.93	Moderate-term on-the-job training
51-4011	Computer-Controlled Machine Tool Operators, Metal and Plastic	\$17.77	Moderate-term on-the-job training

Source: EMSI 2014.2

As previously mentioned, these occupations are necessary for the Manufacturing ecosystem to thrive. Just as important, they are necessary for other industries as well. Other industries that demand these occupations include Support Activities for Textile and Fabric Mills and Support Activities for Construction Operations among others.