

October 2017

Green Country Technology Center

Economy Overview



Providing Valid and Reliable Data

Information
Management
Division

Parameters

Regions

Code	Description
40111	Okmulgee County, OK

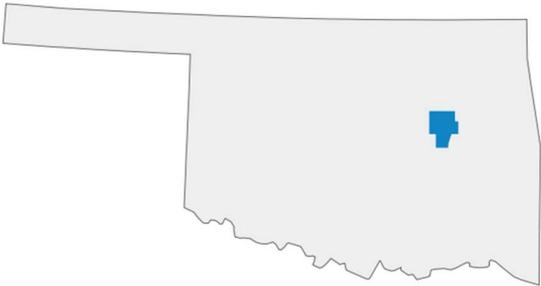
Timeframe

2001 - 2016

Datarun

2017.3 – QCEW Employees, Non-QCEW Employees, and Self-Employed

Economy Overview



Population (2016)	39,213
Jobs (2016)	11,192
Average Earnings (2016)	\$41.4K
Unemployed (1/2017)	1,175
Completions (2016)	860
GRP (2016)	\$1.0B
Exports (2016)	\$1.6B
Imports (2016)	\$2.1B

Population

39.2K 2016 Population 1.0% of State	-1.5% Population Growth for the Last 5 Years State Growth 3.6%
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Age Group	2016 Population	% of Population	
Under 5 years	2,500	6.4%	
5 to 9 years	2,542	6.5%	
10 to 14 years	2,745	7.0%	
15 to 19 years	2,768	7.1%	
20 to 24 years	2,673	6.8%	
25 to 29 years	2,417	6.2%	
30 to 34 years	2,228	5.7%	
35 to 39 years	2,221	5.7%	
40 to 44 years	2,155	5.5%	
45 to 49 years	2,226	5.7%	
50 to 54 years	2,528	6.4%	
55 to 59 years	2,781	7.1%	
60 to 64 years	2,443	6.2%	
65 to 69 years	2,327	5.9%	
70 to 74 years	1,631	4.2%	
75 to 79 years	1,329	3.4%	
80 to 84 years	872	2.2%	
85 years and over	826	2.1%	

Jobs by Industry

11,192 Total Jobs (2016)		51.0% Male (National: 51.4%)	49.0% Female (National: 48.6%)
NAICS	Industry	2016 Jobs	
11	Crop and Animal Production	83	
21	Mining, Quarrying, and Oil and Gas Extraction	78	
22	Utilities	27	
23	Construction	472	
31	Manufacturing	1,354	
42	Wholesale Trade	89	
44	Retail Trade	1,406	
48	Transportation and Warehousing	215	
51	Information	49	
52	Finance and Insurance	354	
53	Real Estate and Rental and Leasing	61	
54	Professional, Scientific, and Technical Services	253	
55	Management of Companies and Enterprises	98	
56	Administrative and Support and Waste Management and Remediation Services	184	
61	Educational Services	61	
62	Health Care and Social Assistance	1,475	
71	Arts, Entertainment, and Recreation	35	
72	Accommodation and Food Services	853	
81	Other Services (except Public Administration)	548	
90	Government	3,497	
99	Unclassified Industry	0	

Average Earnings by Industry

\$41.4K

Avg. Earnings (2016)

67% of Nation Avg.

NAICS	Industry	Avg. Earnings (2016)	
11	Crop and Animal Production	\$19,312	
21	Mining, Quarrying, and Oil and Gas Extraction	\$33,636	
22	Utilities	\$92,736	
23	Construction	\$31,705	
31	Manufacturing	\$71,706	
42	Wholesale Trade	\$42,518	
44	Retail Trade	\$28,546	
48	Transportation and Warehousing	\$55,752	
51	Information	\$53,332	
52	Finance and Insurance	\$47,938	
53	Real Estate and Rental and Leasing	\$29,272	
54	Professional, Scientific, and Technical Services	\$47,975	
55	Management of Companies and Enterprises	\$76,412	
56	Administrative and Support and Waste Management and Remediation Services	\$25,860	
61	Educational Services	\$15,579	
62	Health Care and Social Assistance	\$31,072	
71	Arts, Entertainment, and Recreation	\$20,778	
72	Accommodation and Food Services	\$15,006	
81	Other Services (except Public Administration)	\$19,363	
90	Government	\$49,304	
99	Unclassified Industry	\$0	

Unemployment by Industry

1,175

Total Unemployment (1/2017)

NAICS	Industry	Unemployed (1/2017)	% of Regional Unemployment	
11	Crop and Animal Production	1	0%	
21	Mining, Quarrying, and Oil and Gas Extraction	5	0%	
22	Utilities	3	0%	
23	Construction	26	2%	■
31	Manufacturing	134	11%	■
42	Wholesale Trade	3	0%	
44	Retail Trade	194	17%	■
48	Transportation and Warehousing	11	1%	■
51	Information	3	0%	
52	Finance and Insurance	20	2%	■
53	Real Estate and Rental and Leasing	4	0%	
54	Professional, Scientific, and Technical Services	17	1%	■
55	Management of Companies and Enterprises	1	0%	
56	Administrative and Support and Waste Management and Remediation Services	8	1%	■
61	Educational Services	4	0%	
62	Health Care and Social Assistance	108	9%	■
71	Arts, Entertainment, and Recreation	1	0%	
72	Accommodation and Food Services	104	9%	■
81	Other Services (except Public Administration)	37	3%	■
90	Government	276	23%	■
99	No Previous Work Experience/Unspecified	217	18%	■

Top Program Completions

CIP	Program	Completions (2016)	
15	Engineering technologies and engineering-related fields	249	
47	Mechanic and repair technologies/technicians	165	
51	Health professions and related programs	141	
11	Computer and information sciences and support services	83	
52	Business, management, marketing, and related support services	50	
12	Personal and culinary services	43	
13	Education	41	
50	Visual and performing arts	31	
48	Precision production	22	
05	Area, ethnic, cultural, gender, and group studies	16	

Gross Regional Product (GRP)

\$552.4M	\$400.0M	\$55.0M	\$1,007.4M
Earnings (2016)	Property Income (2016)	Taxes on Production (2016)	Total GRP (2016)

NAICS	Industry	GRP (2016)	% of Total
11	Crop and Animal Production	\$63,726,557.92	6% 
21	Mining, Quarrying, and Oil and Gas Extraction	\$71,113,025.57	7% 
22	Utilities	\$9,178,787.73	1% 
23	Construction	\$25,716,853.57	3% 
31	Manufacturing	\$196,192,376.60	19% 
42	Wholesale Trade	\$9,267,047.51	1% 
44	Retail Trade	\$65,795,726.97	7% 
48	Transportation and Warehousing	\$18,344,267.09	2% 
51	Information	\$9,477,054.51	1% 
52	Finance and Insurance	\$40,267,200.25	4% 
53	Real Estate and Rental and Leasing	\$12,382,280.84	1% 
54	Professional, Scientific, and Technical Services	\$18,216,993.08	2% 
55	Management of Companies and Enterprises	\$10,024,398.17	1% 
56	Administrative and Support and Waste Management and Remediation Services	\$7,311,583.98	1% 
61	Educational Services	\$1,117,920.88	0%
62	Health Care and	\$51,981,041.6	5% 

NAICS	Industry	GRP (2016)	% of Total
	Social Assistance	5	
71	Arts, Entertainment, and Recreation	\$1,475,625.82	0%
72	Accommodation and Food Services	\$22,600,567.02	2% 
81	Other Services (except Public Administration)	\$15,445,888.43	2% 
90	Government	\$197,016,011.17	20% 
	Other Non-Industries	\$160,727,714.62	16% 

Region Exports

\$1.6B

Exports (2016)

81% of Supply

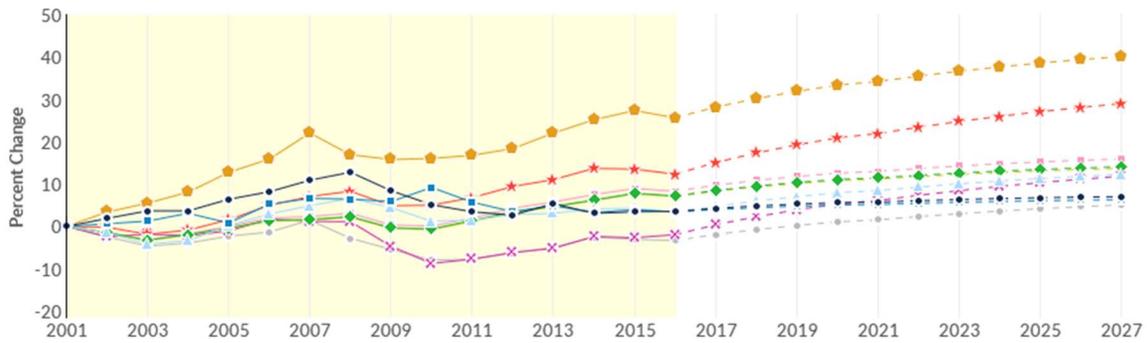
NAICS	Industry	Exports (2016)	
11	Crop and Animal Production	\$155,154,018	
21	Mining, Quarrying, and Oil and Gas Extraction	\$77,702,812	
22	Utilities	\$2,038,546	
23	Construction	\$19,893,663	
31	Manufacturing	\$519,517,043	
42	Wholesale Trade	\$6,386,649	
44	Retail Trade	\$86,196,503	
48	Transportation and Warehousing	\$24,482,774	
51	Information	\$16,237,817	
52	Finance and Insurance	\$52,520,756	
53	Real Estate and Rental and Leasing	\$20,227,036	
54	Professional, Scientific, and Technical Services	\$17,547,207	
55	Management of Companies and Enterprises	\$17,161,900	
56	Administrative and Support and Waste Management and Remediation Services	\$6,736,396	
61	Educational Services	\$430,170	
62	Health Care and Social Assistance	\$55,865,126	
71	Arts, Entertainment, and Recreation	\$632,423	
72	Accommodation and Food Services	\$46,855,951	
81	Other Services (except Public Administration)	\$7,578,525	
90	Government	\$496,231,279	

Region Imports

\$2.1B Imports (2016) 85% of Demand	\$375.4M Locally Produced & Consumed (2016) 15% of Demand
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NAICS	Industry	Imports (2016)
11	Crop and Animal Production	\$35,568,309 
21	Mining, Quarrying, and Oil and Gas Extraction	\$9,318,030 
22	Utilities	\$21,585,070 
23	Construction	\$92,428,636 
31	Manufacturing	\$385,571,480 
42	Wholesale Trade	\$109,116,963 
44	Retail Trade	\$117,581,548 
48	Transportation and Warehousing	\$55,353,283 
51	Information	\$86,162,239 
52	Finance and Insurance	\$130,472,175 
53	Real Estate and Rental and Leasing	\$68,168,815 
54	Professional, Scientific, and Technical Services	\$86,427,883 
55	Management of Companies and Enterprises	\$43,934,982 
56	Administrative and Support and Waste Management and Remediation Services	\$30,261,759 
61	Educational Services	\$26,937,637 
62	Health Care and Social Assistance	\$171,161,981 
71	Arts, Entertainment, and Recreation	\$20,881,324 
72	Accommodation and Food Services	\$75,548,180 
81	Other Services (except Public Administration)	\$25,812,158 
90	Government	\$517,653,293 

Regional Trends



	Region	2001 Jobs	2016 Jobs	Change	% Change
●	Region	10,807	11,192	385	3.6%
●	Great Plains Technology Center	61,823	63,951	2,128	3.4%
●	Gordon Cooper Technology Center	43,266	44,630	1,364	3.2%
●	Francis Tuttle Technology Center	470,644	504,550	33,906	7.2%
●	Eastern Oklahoma County Tech Center	462,321	494,891	32,570	7.0%
●	Autry Technology Center	52,759	59,267	6,508	12.3%
●	Moore Norman Technology Center	73,584	92,479	18,895	25.7%
●	Chisholm Trail Technology Center	10,850	10,638	-212	-2.0%
●	Central Technology Center	82,970	80,203	-2,767	-3.3%
●	Canadian Valley Technology Center	505,393	547,357	41,964	8.3%

Growing & Declining Occupations

Occupation	Change in Jobs (2001-2016)	
Personal Care Aides	136	
Police and Sheriff's Patrol Officers	79	
Home Health Aides	77	
Chemical Equipment Operators and Tenders	-41	
Waiters and Waitresses	-52	
Military occupations	-53	

Growing & Declining Industries

Industry	Change in Jobs (2001-2016)	
Local Government, Excluding Education and Hospitals	811	■
Services for the Elderly and Persons with Disabilities	248	■
Soft Drink Manufacturing	188	■
Hardware Manufacturing	-157	■
Full-Service Restaurants	-163	■
Elementary and Secondary Schools (Local Government)	-222	■

2016 Educational Attainment



	Education Level	2016 Population	2016 Percent
●	Less Than 9th Grade	1,078	4.1% 
●	9th Grade to 12th Grade	2,842	10.9% 
●	High School Diploma	9,569	36.8% 
●	Some College	6,037	23.2% 
●	Associate's Degree	2,556	9.8% 
●	Bachelor's Degree	2,520	9.7% 
●	Graduate Degree and Higher	1,383	5.3% 

2016 Age Cohort Demographics



	Age Cohort	2016 Population	2016 Percent
●	Under 20 years	10,556	26.9% 
●	20 to 39 years	9,539	24.3% 
●	40 to 59 years	9,690	24.7% 
●	60 to 79 years	7,730	19.7% 
●	80 years and over	1,698	4.3% 

2016 Race/Ethnicity Demographics



	Race/Ethnicity	2016 Population	2016 Percent
●	All Other Race/ethnicities	1,730	4.4% 
●	Black, Non-Hispanic	3,212	8.2% 
●	Two or More Races, Non-Hispanic	3,335	8.5% 
●	American Indian or Alaskan Native, Non-Hispanic	6,323	16.1% 
●	White, Non-Hispanic	24,613	62.8% 

Top Regional Businesses

Business Name	Business Size
Creek Nation Tribal National	Large (250+)
Anchor Glass Container	Large (250+)
Oklahoma State Univ Inst-tech	Large (250+)
Cp Kelco	Medium (50-249)
Muscogge Creek Nation Med Ctr	Medium (50-249)

Appendix A - Data Sources and Calculations

Input-Output Data

The input-output model in this report is Emsi's gravitational flows multi-regional social account matrix model (MR-SAM). It is based on data from the Census Bureau's Current Population Survey and American Community Survey; as well as the Bureau of Economic Analysis' National Income and Product Accounts, Input-Output Make and Use Tables, and Gross State Product data. In addition, several Emsi in-house data sets are used, as well as data from Oak Ridge National Labs on the cost of transportation between counties.

Completers Data

The completers data in this report is taken directly from the national IPEDS database published by the U.S. Department of Education's National Center for Education Statistics.

Demographic Data

The demographic data in this report is compiled from several sources using a specialized process. Sources include annual population estimates and population projections from the US Census Bureau, birth and mortality rates from the US Health Department, and projected regional job growth.

Industry Data

Emsi industry data have various sources depending on the class of worker. (1) For QCEW Employees, Emsi primarily uses the QCEW (Quarterly Census of Employment and Wages), with supplemental estimates from County Business Patterns. (2) Non-QCEW employees data are based on a number of sources including QCEW, Current Employment Statistics, County Business Patterns, BEA State and Local Personal Income reports, the National Industry-Occupation Employment Matrix (NIOEM), the American Community Survey, and Railroad Retirement Board statistics. (3) Self-Employed and Extended Proprietor classes of worker data are primarily based on the American Community Survey, Nonemployer Statistics, and BEA State and Local Personal Income Reports. Projections for QCEW and Non-QCEW Employees are informed by NIOEM and long-term industry projections published by individual states.

Institution Data

The institution data in this report is taken directly from the national IPEDS database published by the U.S. Department of Education's National Center for Education Statistics.

Unemployment Data

The unemployment data in this report comes from the Bureau of Labor Statistics' Local Area Unemployment Statistics and is updated every two months.

Occupation Data

Emsi occupation employment data are based on final Emsi industry data and final Emsi staffing patterns. Wage estimates are based on Occupational Employment Statistics (QCEW and Non-QCEW Employees classes of worker) and the American Community Survey (Self-Employed and Extended Proprietors). Occupational wage estimates also affected by county-level Emsi earnings by industry.

Educational Attainment Data

Emsi's educational attainment numbers are based on Emsi's demographic data and the American Community Survey. By combining these sources, Emsi interpolates for missing years and projects data at the county level. Educational attainment data cover only the population aged 25 years or more and indicate the highest level achieved.

Infogroup Business-Level Data

Data for individual businesses is provided by Infogroup, which maintains a database of more than 16 million U.S. business entities. Note that in aggregate it will not be consistent with Emsi labor market data due to differences in definitions, methodology, coverage, and industry/geographic classification.

State Data Sources

This report uses state data from the following agencies: Oklahoma Employment Security Commission