

September 2017

Indian Capital Technology Center Economy Overview



Providing Valid and Reliable Data

Information
Management
Division

Parameters

Regions

Code	Description
40001	Adair County, OK
40021	Cherokee County, OK
40041	Delaware County, OK
40091	McIntosh County, OK
40101	Muskogee County, OK
40135	Sequoyah County, OK
40145	Wagoner County, OK

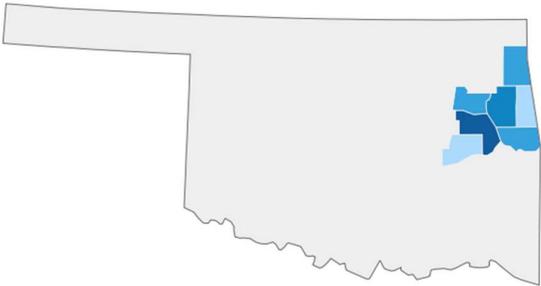
Timeframe

2006 - 2016

Datarun

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

Economy Overview



Population (2016)	320.7K
Jobs (2016)	94.8K
Average Earnings (2016)	\$41.4K
Unemployed (1/2017)	7.5K
Completions (2016)	3.5K
GRP (2016)	\$7.9B
Exports (2016)	\$14.6B
Imports (2016)	\$17.2B

Population

320.7K 2016 Population 8.2% of State	0.6% Population Growth for the Last 5 Years State Growth 3.6%
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Age Group	2016 Population	% of Population	
Under 5 years	19,748	6.2%	
5 to 9 years	20,825	6.5%	
10 to 14 years	21,596	6.7%	
15 to 19 years	21,610	6.7%	
20 to 24 years	20,962	6.5%	
25 to 29 years	19,067	5.9%	
30 to 34 years	19,251	6.0%	
35 to 39 years	19,086	6.0%	
40 to 44 years	18,547	5.8%	
45 to 49 years	19,385	6.0%	
50 to 54 years	21,107	6.6%	
55 to 59 years	22,115	6.9%	
60 to 64 years	20,396	6.4%	
65 to 69 years	19,543	6.1%	
70 to 74 years	14,797	4.6%	
75 to 79 years	10,458	3.3%	
80 to 84 years	6,639	2.1%	
85 years and over	5,523	1.7%	

Jobs by Industry

94,772 Total Jobs (2016)		52.2% Male (National: 51.4%)		47.8% Female (National: 48.6%)	
NAICS	Industry	2016 Jobs			
11	Crop and Animal Production	3,162			
21	Mining, Quarrying, and Oil and Gas Extraction	269			
22	Utilities	471			
23	Construction	5,940			
31	Manufacturing	7,543			
42	Wholesale Trade	1,726			
44	Retail Trade	11,236			
48	Transportation and Warehousing	2,058			
51	Information	567			
52	Finance and Insurance	2,270			
53	Real Estate and Rental and Leasing	1,159			
54	Professional, Scientific, and Technical Services	1,844			
55	Management of Companies and Enterprises	207			
56	Administrative and Support and Waste Management and Remediation Services	3,381			
61	Educational Services	1,006			
62	Health Care and Social Assistance	10,893			
71	Arts, Entertainment, and Recreation	889			
72	Accommodation and Food Services	7,155			
81	Other Services (except Public Administration)	4,127			
90	Government	28,869			
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	\$26,735	
21	Mining, Quarrying, and Oil and Gas Extraction	\$53,784	
22	Utilities	\$110,214	
23	Construction	\$38,225	
31	Manufacturing	\$61,292	
42	Wholesale Trade	\$44,547	
44	Retail Trade	\$28,893	
48	Transportation and Warehousing	\$47,647	
51	Information	\$55,571	
52	Finance and Insurance	\$52,135	
53	Real Estate and Rental and Leasing	\$29,222	
54	Professional, Scientific, and Technical Services	\$45,914	
55	Management of Companies and Enterprises	\$66,935	
56	Administrative and Support and Waste Management and Remediation Services	\$29,923	
61	Educational Services	\$21,327	
62	Health Care and Social Assistance	\$39,535	
71	Arts, Entertainment, and Recreation	\$21,074	
72	Accommodation and Food Services	\$15,492	
81	Other Services (except Public Administration)	\$23,968	
90	Government	\$52,628	
99	Unclassified Industry	\$0	

Unemployment by Industry

7,511

Total Unemployment (1/2017)

NAICS	Industry	Unemployed (1/2017)	% of Regional Unemployment	
11	Crop and Animal Production	29	0%	
21	Mining, Quarrying, and Oil and Gas Extraction	16	0%	
22	Utilities	28	0%	
23	Construction	395	5%	■
31	Manufacturing	589	8%	■
42	Wholesale Trade	60	1%	■
44	Retail Trade	1,280	17%	■
48	Transportation and Warehousing	76	1%	■
51	Information	27	0%	
52	Finance and Insurance	98	1%	■
53	Real Estate and Rental and Leasing	76	1%	■
54	Professional, Scientific, and Technical Services	92	1%	■
55	Management of Companies and Enterprises	3	0%	
56	Administrative and Support and Waste Management and Remediation Services	179	2%	■
61	Educational Services	57	1%	■
62	Health Care and Social Assistance	584	8%	■
71	Arts, Entertainment, and Recreation	94	1%	■
72	Accommodation and Food Services	613	8%	■
81	Other Services (except Public Administration)	297	4%	■
90	Government	1,565	21%	■
99	No Previous Work Experience/Unspecified	1,353	18%	■

NAICS	Industry	Unemployed (1/2017)	% of Regional Unemployment
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Top Program Completions

CIP	Program	Completions (2016)	
51	Health professions and related programs	752	
13	Education	504	
52	Business, management, marketing, and related support services	376	
47	Mechanic and repair technologies/technicians	230	
42	Psychology	181	
48	Precision production	153	
43	Homeland security, law enforcement, firefighting and related protective services	149	
26	Biological and biomedical sciences	107	
46	Construction trades	106	
11	Computer and information sciences and support services	105	

Gross Regional Product (GRP)

\$4,581.4M	\$2,958.8M	\$394.5M	\$7,934.7M
Earnings (2016)	Property Income (2016)	Taxes on Production (2016)	Total GRP (2016)

NAICS	Industry	GRP (2016)	% of Total
11	Crop and Animal Production	\$425,370,243.60	5% 
21	Mining, Quarrying, and Oil and Gas Extraction	\$180,668,892.40	2% 
22	Utilities	\$193,313,215.41	2% 
23	Construction	\$399,503,736.84	5% 
31	Manufacturing	\$837,992,613.70	11% 
42	Wholesale Trade	\$191,546,046.78	2% 
44	Retail Trade	\$540,363,973.96	7% 
48	Transportation and Warehousing	\$164,097,720.91	2% 
51	Information	\$112,098,695.42	1% 
52	Finance and Insurance	\$314,103,611.25	4% 
53	Real Estate and Rental and Leasing	\$191,335,828.11	2% 
54	Professional, Scientific, and Technical Services	\$139,254,466.75	2% 
55	Management of Companies and Enterprises	\$20,987,245.60	0%
56	Administrative and Support and Waste Management and Remediation Services	\$158,255,485.88	2% 

NAICS	Industry	GRP (2016)	% of Total
61	Educational Services	\$24,999,513.54	0%
62	Health Care and Social Assistance	\$498,389,512.27	6% 
71	Arts, Entertainment, and Recreation	\$39,000,944.64	0%
72	Accommodation and Food Services	\$192,826,506.43	2% 
81	Other Services (except Public Administration)	\$148,738,361.20	2% 
90	Government	\$1,828,636,110.94	23% 
	Other Non-Industries	\$1,333,243,815.04	17% 

Region Exports

\$14.6B

Exports (2016)

80% of Supply

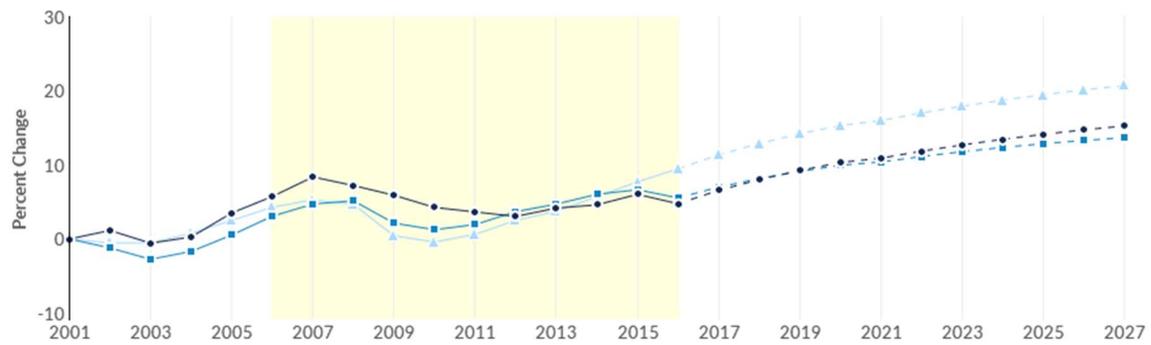
NAICS	Industry	Exports (2016)	
11	Crop and Animal Production	\$1,085,991,151	
21	Mining, Quarrying, and Oil and Gas Extraction	\$184,929,484	
22	Utilities	\$159,557,866	
23	Construction	\$334,347,866	
31	Manufacturing	\$2,175,759,690	
42	Wholesale Trade	\$165,866,020	
44	Retail Trade	\$642,009,494	
48	Transportation and Warehousing	\$188,961,376	
51	Information	\$162,226,827	
52	Finance and Insurance	\$398,680,902	
53	Real Estate and Rental and Leasing	\$299,428,199	
54	Professional, Scientific, and Technical Services	\$110,216,119	
55	Management of Companies and Enterprises	\$33,720,370	
56	Administrative and Support and Waste Management and Remediation Services	\$174,283,533	
61	Educational Services	\$10,554,079	
62	Health Care and Social Assistance	\$454,153,645	
71	Arts, Entertainment, and Recreation	\$28,421,163	
72	Accommodation and Food Services	\$364,566,129	
81	Other Services (except Public Administration)	\$87,974,808	
90	Government	\$7,569,585,464	

Region Imports

\$17.2B Imports (2016) 81% of Demand	\$4.1B Locally Produced & Consumed (2016) 19% of Demand
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NAICS	Industry	Imports (2016)	
11	Crop and Animal Production	\$277,636,011	■
21	Mining, Quarrying, and Oil and Gas Extraction	\$78,215,953	■
22	Utilities	\$144,966,552	■
23	Construction	\$587,866,839	■
31	Manufacturing	\$2,773,793,265	■
42	Wholesale Trade	\$778,282,088	■
44	Retail Trade	\$912,894,824	■
48	Transportation and Warehousing	\$370,549,237	■
51	Information	\$715,742,624	■
52	Finance and Insurance	\$1,102,057,952	■
53	Real Estate and Rental and Leasing	\$519,871,744	■
54	Professional, Scientific, and Technical Services	\$770,504,894	■
55	Management of Companies and Enterprises	\$236,959,667	■
56	Administrative and Support and Waste Management and Remediation Services	\$238,392,935	■
61	Educational Services	\$211,817,227	■
62	Health Care and Social Assistance	\$1,328,370,450	■
71	Arts, Entertainment, and Recreation	\$151,423,516	■
72	Accommodation and Food Services	\$614,255,941	■
81	Other Services (except Public Administration)	\$209,125,295	■
90	Government	\$5,226,116,584	■

Regional Trends



	Region	2006 Jobs	2016 Jobs	Change	% Change
●	Region	95,654	94,772	-882	-0.9%
●	Oklahoma	1,744,978	1,786,829	41,851	2.4%
●	United States	150,997,139	158,516,931	7,519,792	5.0%

Growing & Declining Occupations

Occupation	Change in Jobs (2006-2016)	
Personal Care Aides	340	
Landscaping and Groundskeeping Workers	301	
Claims Adjusters, Examiners, and Investigators	293	
Carpenters	-282	
Childcare Workers	-290	
Farmers, Ranchers, and Other Agricultural Managers	-1,191	

Growing & Declining Industries

Industry	Change in Jobs (2006-2016)	
Local Government, Excluding Education and Hospitals	4,005	■
General Medical and Surgical Hospitals	870	■
Federal Government, Civilian, Excluding Postal Service	837	■
Temporary Help Services	-798	■
Crop Production	-834	■
Hospitals (Local Government)	-1,061	■

2016 Educational Attainment



	Education Level	2016 Population	2016 Percent
●	Less Than 9th Grade	9,935	4.6% ■
●	9th Grade to 12th Grade	23,780	11.0% ■
●	High School Diploma	78,117	36.2% ■
●	Some College	49,667	23.0% ■
●	Associate's Degree	15,605	7.2% ■
●	Bachelor's Degree	27,122	12.6% ■
●	Graduate Degree and Higher	11,691	5.4% ■

2016 Age Cohort Demographics



	Age Cohort	2016 Population	2016 Percent	
●	Under 20 years	83,780	26.1%	<div style="width: 26.1%;"></div>
●	20 to 39 years	78,367	24.4%	<div style="width: 24.4%;"></div>
●	40 to 59 years	81,155	25.3%	<div style="width: 25.3%;"></div>
●	60 to 79 years	65,194	20.3%	<div style="width: 20.3%;"></div>
●	80 years and over	12,162	3.8%	<div style="width: 3.8%;"></div>

2016 Race/Ethnicity Demographics



	Race/Ethnicity	2016 Population	2016 Percent
●	All Other Race/ethnicities	20,386	6.4% 
●	Black, Non-Hispanic	12,377	3.9% 
●	Two or More Races, Non-Hispanic	26,304	8.2% 
●	American Indian or Alaskan Native, Non-Hispanic	67,887	21.2% 
●	White, Non-Hispanic	193,704	60.4% 

Top Regional Businesses

Business Name	Business Size
Georgia-pacific Corp	Large (250+)
Us Veterans Medical Ctr	Large (250+)
Estar Health System	Large (250+)
Northeastern State Univ Police	Large (250+)
Estar Health Home Health Svc	Large (250+)

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