# Contents

<table>
<thead>
<tr>
<th>Section</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Report Parameters</td>
<td>1</td>
</tr>
<tr>
<td>Economy Overview</td>
<td>2</td>
</tr>
<tr>
<td>Historic &amp; Projected Trends</td>
<td>4</td>
</tr>
<tr>
<td>Population Characteristics</td>
<td>8</td>
</tr>
<tr>
<td>Industry Characteristics</td>
<td>10</td>
</tr>
<tr>
<td>Business Characteristics</td>
<td>16</td>
</tr>
<tr>
<td>Workforce Characteristics</td>
<td>18</td>
</tr>
<tr>
<td>Educational Pipeline</td>
<td>25</td>
</tr>
<tr>
<td>In-Demand Skills</td>
<td>26</td>
</tr>
</tbody>
</table>
Report Parameters

1 State

<table>
<thead>
<tr>
<th>State</th>
<th>40 Oklahoma</th>
</tr>
</thead>
</table>

Class of Worker

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

The information in this report pertains to the chosen geographical area.
Economy Overview

3,964,054
Population (2019)
Population grew by 85,709 over the last 5 years and is projected to grow by 63,479 over the next 5 years.

1,851,749
Total Regional Employment
Jobs grew by 47,762 over the last 5 years and are projected to grow by 81,207 over the next 5 years.

$51.4K
Median Household Income (2018)
Median household income is $8.9K below the national median household income of $60.3K.

Takeaways

- As of 2019 the region's population increased by 2.2% since 2014, growing by 85,709. Population is expected to increase by 1.6% between 2019 and 2024, adding 63,479.
- From 2014 to 2019, jobs increased by 2.6% in Oklahoma from 1,803,987 to 1,851,749. This change fell short of the national growth rate of 7.9% by 5.3%. As the number of jobs increased, the labor force participation rate increased from 58.0% to 58.1% between 2014 and 2019.
- Concerning educational attainment, 16.3% of Oklahoma residents possess a Bachelor’s Degree (2.5% below the national average), and 7.5% hold an Associate’s Degree (0.6% below the national average).
- The top three industries in 2019 are Restaurants and Other Eating Places, Education and Hospitals (Local Government), and Local Government, Excluding Education and Hospitals.

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Region</td>
<td>3,964,054</td>
<td>1,837,938</td>
<td>1,851,749</td>
<td>93.2</td>
<td>$204.92B</td>
<td>$200.14B</td>
<td>$255.02B</td>
</tr>
</tbody>
</table>
2019 Labor Force Breakdown

![Circular chart showing labor force breakdown](chart.png)

**Educational Attainment**

Concerning educational attainment, 16.3% of Oklahoma residents possess a Bachelor's Degree (2.5% below the national average), and 7.5% hold an Associate's Degree (0.6% below the national average).

<table>
<thead>
<tr>
<th>Level</th>
<th>% of Population</th>
<th>Population</th>
</tr>
</thead>
<tbody>
<tr>
<td>Less Than 9th Grade</td>
<td>5.4%</td>
<td>142,356</td>
</tr>
<tr>
<td>9th Grade to 12th Grade</td>
<td>7.7%</td>
<td>203,255</td>
</tr>
<tr>
<td>High School Diploma</td>
<td>31.4%</td>
<td>824,883</td>
</tr>
<tr>
<td>Some College</td>
<td>23.5%</td>
<td>615,524</td>
</tr>
<tr>
<td>Associate's Degree</td>
<td>7.5%</td>
<td>197,178</td>
</tr>
<tr>
<td>Bachelor's Degree</td>
<td>16.3%</td>
<td>427,190</td>
</tr>
<tr>
<td>Graduate Degree and Higher</td>
<td>8.1%</td>
<td>212,976</td>
</tr>
</tbody>
</table>
Historic & Projected Trends

Population Trends

As of 2019 the region's population increased by 2.2% since 2014, growing by 85,709. Population is expected to increase by 1.6% between 2019 and 2024, adding 63,479.

<table>
<thead>
<tr>
<th>Timeframe</th>
<th>Population</th>
</tr>
</thead>
<tbody>
<tr>
<td>2014</td>
<td>3,878,345</td>
</tr>
<tr>
<td>2015</td>
<td>3,909,811</td>
</tr>
<tr>
<td>2016</td>
<td>3,926,760</td>
</tr>
<tr>
<td>2017</td>
<td>3,932,640</td>
</tr>
<tr>
<td>2018</td>
<td>3,943,078</td>
</tr>
<tr>
<td>2019</td>
<td>3,964,054</td>
</tr>
<tr>
<td>2020</td>
<td>3,979,071</td>
</tr>
<tr>
<td>2021</td>
<td>3,992,835</td>
</tr>
<tr>
<td>2022</td>
<td>4,005,454</td>
</tr>
<tr>
<td>2023</td>
<td>4,016,999</td>
</tr>
<tr>
<td>2024</td>
<td>4,027,533</td>
</tr>
</tbody>
</table>
Job Trends

From 2014 to 2019, jobs increased by 2.6% in Oklahoma from 1,803,987 to 1,851,749. This change fell short of the national growth rate of 7.9% by 5.3%.

<table>
<thead>
<tr>
<th>Timeframe</th>
<th>Jobs</th>
</tr>
</thead>
<tbody>
<tr>
<td>2014</td>
<td>1,803,987</td>
</tr>
<tr>
<td>2015</td>
<td>1,814,784</td>
</tr>
<tr>
<td>2016</td>
<td>1,797,809</td>
</tr>
<tr>
<td>2017</td>
<td>1,805,479</td>
</tr>
<tr>
<td>2018</td>
<td>1,833,596</td>
</tr>
<tr>
<td>2019</td>
<td>1,851,749</td>
</tr>
<tr>
<td>2020</td>
<td>1,877,797</td>
</tr>
<tr>
<td>2021</td>
<td>1,898,104</td>
</tr>
<tr>
<td>2022</td>
<td>1,914,201</td>
</tr>
<tr>
<td>2023</td>
<td>1,927,201</td>
</tr>
<tr>
<td>2024</td>
<td>1,932,957</td>
</tr>
</tbody>
</table>
Labor Force Participation Rate Trends

<table>
<thead>
<tr>
<th>Timeframe</th>
<th>Labor Force Participation Rate</th>
</tr>
</thead>
<tbody>
<tr>
<td>2015</td>
<td>58.98%</td>
</tr>
<tr>
<td>2016</td>
<td>58.65%</td>
</tr>
<tr>
<td>2017</td>
<td>58.63%</td>
</tr>
<tr>
<td>2018</td>
<td>58.55%</td>
</tr>
<tr>
<td>2019</td>
<td>58.20%</td>
</tr>
<tr>
<td>January - April 2020</td>
<td>57.15%</td>
</tr>
<tr>
<td>May 2020</td>
<td>57.33%</td>
</tr>
<tr>
<td>June 2020</td>
<td>56.10%</td>
</tr>
<tr>
<td>July 2020</td>
<td>57.06%</td>
</tr>
</tbody>
</table>
Unemployment Rate Trends

Oklahoma had a July 2020 unemployment rate of 7.11%, increasing from 4.41% 5 years before.

<table>
<thead>
<tr>
<th>Timeframe</th>
<th>Unemployment Rate</th>
</tr>
</thead>
<tbody>
<tr>
<td>2015</td>
<td>4.41%</td>
</tr>
<tr>
<td>2016</td>
<td>4.80%</td>
</tr>
<tr>
<td>2017</td>
<td>4.22%</td>
</tr>
<tr>
<td>2018</td>
<td>3.42%</td>
</tr>
<tr>
<td>2019</td>
<td>3.29%</td>
</tr>
<tr>
<td>January - April 2020</td>
<td>5.89%</td>
</tr>
<tr>
<td>May 2020</td>
<td>12.62%</td>
</tr>
<tr>
<td>June 2020</td>
<td>6.69%</td>
</tr>
<tr>
<td>July 2020</td>
<td>7.11%</td>
</tr>
</tbody>
</table>
Population Characteristics

**Millennials**
- Oklahoma has 804,628 millennials (ages 25-39). The national average for an area this size is 810,645.

**Retiring Soon**
- Retirement risk is about average in Oklahoma. The national average for an area this size is 1,141,387 people 55 or older, while there are 1,112,996 here.

**Racial Diversity**
- Racial diversity is low in Oklahoma. The national average for an area this size is 1,562,215 racially diverse people, while there are 1,366,899 here.

**Veterans**
- Oklahoma has 273,677 veterans. The national average for an area this size is 224,308.

**Violent Crime**
- Oklahoma has 4.69 violent crimes per 1,000 people. The national rate is 3.57 per 1,000 people.

**Property Crime**
- Oklahoma has 28.84 property crimes per 1,000 people. The national rate is 20.68 per 1,000 people.
Place of Work vs Place of Residence

Understanding where talent in Oklahoma currently works compared to where talent lives can help you optimize site decisions.

<table>
<thead>
<tr>
<th>County</th>
<th>Name</th>
<th>2019 Employment</th>
</tr>
</thead>
<tbody>
<tr>
<td>40109</td>
<td>Oklahoma County, OK</td>
<td>519,065</td>
</tr>
<tr>
<td>40143</td>
<td>Tulsa County, OK</td>
<td>399,755</td>
</tr>
<tr>
<td>40027</td>
<td>Cleveland County, OK</td>
<td>99,170</td>
</tr>
<tr>
<td>40031</td>
<td>Comanche County, OK</td>
<td>56,411</td>
</tr>
<tr>
<td>40017</td>
<td>Canadian County, OK</td>
<td>43,461</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>County</th>
<th>Name</th>
<th>2019 Workers</th>
</tr>
</thead>
<tbody>
<tr>
<td>40109</td>
<td>Oklahoma County, OK</td>
<td>404,351</td>
</tr>
<tr>
<td>40143</td>
<td>Tulsa County, OK</td>
<td>339,830</td>
</tr>
<tr>
<td>40027</td>
<td>Cleveland County, OK</td>
<td>126,785</td>
</tr>
<tr>
<td>40017</td>
<td>Canadian County, OK</td>
<td>69,722</td>
</tr>
<tr>
<td>40031</td>
<td>Comanche County, OK</td>
<td>58,687</td>
</tr>
</tbody>
</table>
Industry Characteristics

Largest Industries

- Government
- Health Care and Social Assistance
- Retail Trade
- Accommodation and Food Services
- Manufacturing
- Support and Waste Management and Remediation Services
- Construction
- Other Services (except Public Administration)
- Professional, Scientific, and Technical Services
- Finance and Insurance
- Transportation and Warehousing
- Wholesale Trade
- Mining, Quarrying, and Oil and Gas Extraction
- Educational Services
- Real Estate and Rental and Leasing
- Arts, Entertainment, and Recreation
- Agriculture, Forestry, Fishing and Hunting
- Information
- Management of Companies and Enterprises
- Utilities

Economy Overview

Emsi Q3 2020 Data Set | www.economicmodeling.com
Top Growing Industries

- Accommodation and Food Services
- Health Care and Social Assistance
- Transportation and Warehousing
- Construction
- Professional, Scientific, and Technical Services
- Government
- Arts, Entertainment, and Recreation
- Educational Services
- Other Services (except Public Administration)
- Real Estate and Rental and Leasing
- Manufacturing
- Management of Companies and Enterprises
- Administrative and Support and Waste Management and Remediation Services
- Finance and Insurance

Industry Jobs Growth
Top Industry LQ

- Mining, Quarrying, and Oil and Gas Extraction
- Utilities
- Government
- Construction
- Agriculture, Forestry, Fishing and Hunting
- Other Services (except Public Administration)
- Retail Trade
- Accommodation and Food Services
- Manufacturing
- Administrative and Support and Waste Management and Remediation Services
- Wholesale Trade
- Transportation and Warehousing
- Health Care and Social Assistance
- Real Estate and Rental and Leasing
- Finance and Insurance
- Management of Companies and Enterprises
- Professional, Scientific, and Technical Services
- Arts, Entertainment, and Recreation
- Information
- Educational Services
Top Industry GRP

- Mining, Quarrying, and Oil and Gas Extraction
- Government
- Manufacturing
- Health Care and Social Assistance
- Finance and Insurance
- Retail Trade
- Wholesale Trade
- Professional, Scientific, and Technical Services
- Construction
- Transportation and Warehousing
- Administrative and Support and Waste Management and Remediation Services
- Real Estate and Rental and Leasing
- Utilities
- Accommodation and Food Services
- Information
- Other Services (except Public Administration)
- Agriculture, Forestry, Fishing and Hunting
- Management of Companies and Enterprises
- Arts, Entertainment, and Recreation
- Educational Services
Top Industry Earnings

2019 Earnings Per Worker

Utilities
Mining, Quarrying, and Oil and Gas Extraction
Management of Companies and Enterprises
Finance and Insurance
Professional, Scientific, and Technical Services
Manufacturing
Wholesale Trade
Information
Transportation and Warehousing
Government
Construction
Health Care and Social Assistance
Real Estate and Rental and Leasing
Agriculture, Forestry, Fishing and Hunting
Administrative and Support and Waste Management and Remediation Services
Educational Services
Arts, Entertainment, and Recreation
Retail Trade
Other Services (except Public Administration)
Accommodation and Food Services
Largest Industries

- Government
- Health Care and Social Assistance
- Retail Trade
- Accommodation and Food Services
- Manufacturing
- Support and Waste Management and Remediation Services
- Construction
- Other Services (except Public Administration)
- Professional, Scientific, and Technical Services
- Finance and Insurance
- Transportation and Warehousing
- Wholesale Trade
- Mining, Quarrying, and Oil and Gas Extraction
- Educational Services
- Real Estate and Rental and Leasing
- Arts, Entertainment, and Recreation
- Agriculture, Forestry, Fishing and Hunting
- Information
- Management of Companies and Enterprises
- Utilities
### Business Characteristics

#### 189,465 Companies Employ Your Workers

Online profiles for your workers mention 189,465 companies as employers, with the top 10 appearing below. In the last 12 months, 25,532 companies in Oklahoma posted job postings, with the top 10 appearing below.

<table>
<thead>
<tr>
<th>Top Companies</th>
<th>Profiles</th>
</tr>
</thead>
<tbody>
<tr>
<td>University of Oklahoma</td>
<td>7,830</td>
</tr>
<tr>
<td>Wal-Mart, Inc.</td>
<td>7,794</td>
</tr>
<tr>
<td>Oklahoma State University</td>
<td>7,450</td>
</tr>
<tr>
<td>United States Department of th...</td>
<td>6,470</td>
</tr>
<tr>
<td>United States Department of th...</td>
<td>6,243</td>
</tr>
<tr>
<td>Integris Health, Inc.</td>
<td>4,027</td>
</tr>
<tr>
<td>AT&amp;T Inc.</td>
<td>3,581</td>
</tr>
<tr>
<td>Tulsa Public Schools</td>
<td>3,207</td>
</tr>
<tr>
<td>State of Oklahoma</td>
<td>2,911</td>
</tr>
<tr>
<td>American Airlines Group Inc.</td>
<td>2,602</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Top Companies Posting</th>
<th>Unique Postings</th>
</tr>
</thead>
<tbody>
<tr>
<td>CRST International, Inc.</td>
<td>18,810</td>
</tr>
<tr>
<td>Dollar General Corporation</td>
<td>7,937</td>
</tr>
<tr>
<td>HealthCare Employment Netwo...</td>
<td>7,163</td>
</tr>
<tr>
<td>U.S. Xpress, Inc.</td>
<td>5,628</td>
</tr>
<tr>
<td>State of Oklahoma</td>
<td>4,880</td>
</tr>
<tr>
<td>University of Oklahoma</td>
<td>4,142</td>
</tr>
<tr>
<td>Wal-Mart, Inc.</td>
<td>3,829</td>
</tr>
<tr>
<td>Pegasus Transportation, Inc.</td>
<td>3,665</td>
</tr>
<tr>
<td>R.E. Garrison Trucking, Inc.</td>
<td>3,645</td>
</tr>
<tr>
<td>Pizza Hut, Inc.</td>
<td>3,637</td>
</tr>
</tbody>
</table>
Business Size

*Business Data by DatabaseUSA.com is third-party data provided by Emsi to its customers as a convenience, and Emsi does not endorse or warrant its accuracy or consistency with other published Emsi data. In most cases, the Business Count will not match total companies with profiles on the summary tab.*
Workforce Characteristics

Largest Occupations

- Office and Administrative Support
- Sales and Related
- Food Preparation and Serving Related
- Transportation and Material Moving
- Production
- Construction and Extraction
- Management
- Healthcare Practitioners and Technical
- Educational Instruction and Library
- Installation, Maintenance, and Repair
- Business and Financial Operations
- Healthcare Support
- Building and Grounds Cleaning and Maintenance
- Personal Care and Service
- Protective Service
- Computer and Mathematical
- Community and Social Service
- Architecture and Engineering
- Arts, Design, Entertainment, Sports, and Media
- Military-only
- Legal
- Life, Physical, and Social Science
- Farming, Fishing, and Forestry

Emsi Q3 2020 Data Set | www.economicmodeling.com
Top Growing Occupations

- Food Preparation and Serving Related
- Business and Financial Operations
- Transportation and Material Moving
- Management
- Healthcare Practitioners and Technical
- Installation, Maintenance, and Repair
- Computer and Mathematical
- Healthcare Support
- Community and Social Service
- Personal Care and Service
- Arts, Design, Entertainment, Sports, and Media
- Protective Service
- Educational Instruction and Library
- Building and Grounds Cleaning and Maintenance
- Architecture and Engineering
Top Occupation LQ

- Military-only
- Construction and Extraction
- Installation, Maintenance, and Repair
- Production
- Food Preparation and Serving Related
- Community and Social Service
- Office and Administrative Support
- Architecture and Engineering
- Healthcare Practitioners and Technical
- Sales and Related
- Management
- Educational Instruction and Library
- Legal
- Transportation and Material Moving
- Protective Service
- Building and Grounds Cleaning and Maintenance
- Life, Physical, and Social Science
- Farming, Fishing, and Forestry
- Personal Care and Service
- Business and Financial Operations
- Healthcare Support
- Arts, Design, Entertainment, Sports, and Media
- Computer and Mathematical
Top Posted Occupations

- Transportation and Material Moving
- Sales and Related
- Healthcare Practitioners and Technical
- Office and Administrative Support
- Food Preparation and Serving Related
- Management
- Computer and Mathematical
- Installation, Maintenance, and Repair
- Business and Financial Operations
- Healthcare Support
- Production
- Architecture and Engineering
- Educational Instruction and Library
- Community and Social Service
- Personal Care and Service
- Construction and Extraction
- Building and Grounds Cleaning and Maintenance
- Arts, Design, Entertainment, Sports, and Media
- Protective Service
- Life, Physical, and Social Science
- Legal
- Farming, Fishing, and Forestry
- Military-only
Underemployment

<table>
<thead>
<tr>
<th>Education Level</th>
<th>Jobs Requiring Ed. Level</th>
<th>Population at Ed. Level</th>
</tr>
</thead>
<tbody>
<tr>
<td>No Formal Education Required</td>
<td></td>
<td></td>
</tr>
<tr>
<td>High School Diploma or Equivalent</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Some College, Non-Degree Award</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Associate's Degree</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Bachelor's Degree</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Graduate Degree and Higher</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
Largest Occupations

- Office and Administrative Support
- Sales and Related
- Food Preparation and Serving Related
- Transportation and Material Moving
- Production
- Construction and Extraction
- Management
- Healthcare Practitioners and Technical
- Educational Instruction and Library
- Installation, Maintenance, and Repair
- Business and Financial Operations
- Healthcare Support
- Building and Grounds Cleaning and Maintenance
- Personal Care and Service
- Protective Service
- Computer and Mathematical
- Community and Social Service
- Architecture and Engineering
- Arts, Design, Entertainment, Sports, and Media
- Military-only
- Legal
- Life, Physical, and Social Science
- Farming, Fishing, and Forestry

Economy Overview

Emsi Q3 2020 Data Set | www.economicmodeling.com
Educational Pipeline

In 2019, there were 57,563 graduates in Oklahoma. This pipeline has grown by 2% over the last 5 years. The highest share of these graduates come from General Studies, "Business Administration and Management, General", and Welding Technology/Welder.

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>University of Oklahoma-Norman Campus</td>
<td>7,163</td>
<td></td>
</tr>
<tr>
<td>Oklahoma State University-Main Campus</td>
<td>6,166</td>
<td></td>
</tr>
<tr>
<td>University of Central Oklahoma</td>
<td>3,135</td>
<td></td>
</tr>
<tr>
<td>Tulsa Community College</td>
<td>2,781</td>
<td></td>
</tr>
<tr>
<td>Oklahoma City Community College</td>
<td>1,949</td>
<td></td>
</tr>
<tr>
<td>Tulsa Technology Center</td>
<td>1,850</td>
<td></td>
</tr>
<tr>
<td>Northeastern State University</td>
<td>1,764</td>
<td></td>
</tr>
<tr>
<td>Southwestern Oklahoma State University</td>
<td>1,326</td>
<td></td>
</tr>
<tr>
<td>Indian Capital Technology Center-</td>
<td>1,304</td>
<td></td>
</tr>
<tr>
<td>Muskogee</td>
<td></td>
<td></td>
</tr>
<tr>
<td>University of Tulsa</td>
<td>1,194</td>
<td></td>
</tr>
</tbody>
</table>

- Certificate
- Associate's
- Bachelor's
- Master's or Higher
In-Demand Skills

- Merchandising
- Flatbed Truck Operation
- Nursing
- Restaurant Operation
- Selling Techniques
- Basic Life Support
- Accounting
- Cash Register
- Auditing
- Customer Satisfaction

Top Hard Skills vs. National Average