

Occupation Overview

30 Occupations in 45 Minute Commute

P.O Box 2819
Muskogee, Oklahoma 74402

Parameters

Occupations

30 items selected. See Appendix A for details.

Regions

Code	Description
40001	Adair County, OK
40021	Cherokee County, OK
40061	Haskell County, OK
40091	McIntosh County, OK
40101	Muskogee County, OK
40111	Okmulgee County, OK
40135	Sequoyah County, OK
40143	Tulsa County, OK
40145	Wagoner County, OK

Timeframe

2013 - 2014

Datarun

2014.3 – QCEW Employees, Non-QCEW Employees, and Self-Employed

Occupation Summary for 30 Occupations

<p>34,247 Jobs (2014) 22% above National average</p>	<p>+2.7% % Change (2013-2014) Nation: +2.5%</p>	<p>\$16.02/hr Median Earnings Nation: \$14.89/hr</p>
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Growth

33,360

2013 Jobs

34,247

2014 Jobs

887

Change (2013-2014)

2.7%

% Change (2013-2014)



Occupation	2013 Jobs	2014 Jobs	Change	% Change
Helpers--Production Workers (51-9198)	2,533	2,602	69	3%
Transportation, Storage, and Distribution Managers (11-3071)	364	371	7	2%
Cutting, Punching, and Press Machine Setters, Operators, and Tenders, Metal and Plastic (51-4031)	913	925	12	1%
Layout Workers, Metal and Plastic (51-4192)	13	14	1	8%
Grinding, Lapping, Polishing, and Buffing Machine Tool Setters, Operators, and Tenders, Metal and Plastic (51-4033)	268	273	5	2%
Power Plant Operators (51-8013)	143	134	-9	-6%
Plant and System Operators, All Other (51-8099)	20	21	1	5%
Laundry and Dry-Cleaning Workers (51-6011)	842	834	-8	-1%
Printing Press Operators (51-5112)	360	363	3	1%
Coating, Painting, and Spraying Machine Setters, Operators, and Tenders (51-9121)	447	459	12	3%
Laborers and Freight, Stock, and Material Movers, Hand (53-7062)	6,972	7,209	237	3%
Team Assemblers (51-2092)	4,572	4,643	71	2%
Packers and Packagers, Hand (53-7064)	975	1,024	49	5%
Machinists (51-4041)	2,202	2,277	75	3%

Grinding and Polishing Workers, Hand (51-9022)	175	179	4	2%
Stationary Engineers and Boiler Operators (51-8021)	162	165	3	2%
Structural Metal Fabricators and Fitters (51-2041)	513	518	5	1%
First-Line Supervisors of Production and Operating Workers (51-1011)	2,362	2,418	56	2%
Conveyor Operators and Tenders (53-7011)	72	75	3	4%
Material Moving Workers, All Other (53-7199)	30	33	3	10%
Assemblers and Fabricators, All Other (51-2099)	404	427	23	6%
Welders, Cutters, Solderers, and Brazers (51-4121)	3,224	3,287	63	2%
First-Line Supervisors of Transportation and Material-Moving Machine and Vehicle Operators (53-1031)	635	652	17	3%
Forging Machine Setters, Operators, and Tenders, Metal and Plastic (51-4022)	73	74	1	1%
Cutting and Slicing Machine Setters, Operators, and Tenders (51-9032)	280	294	14	5%
Adhesive Bonding Machine Operators and Tenders (51-9191)	28	29	1	4%
Inspectors, Testers, Sorters, Samplers, and Weighers (51-9061)	2,528	2,578	50	2%
Electrical and Electronic Equipment Assemblers (51-2022)	636	651	15	2%
Packaging and Filling Machine Operators and Tenders (51-9111)	921	967	46	5%
Paper Goods Machine Setters, Operators, and Tenders (51-9196)	691	752	61	9%

Percentile Earnings

\$12.97/hr

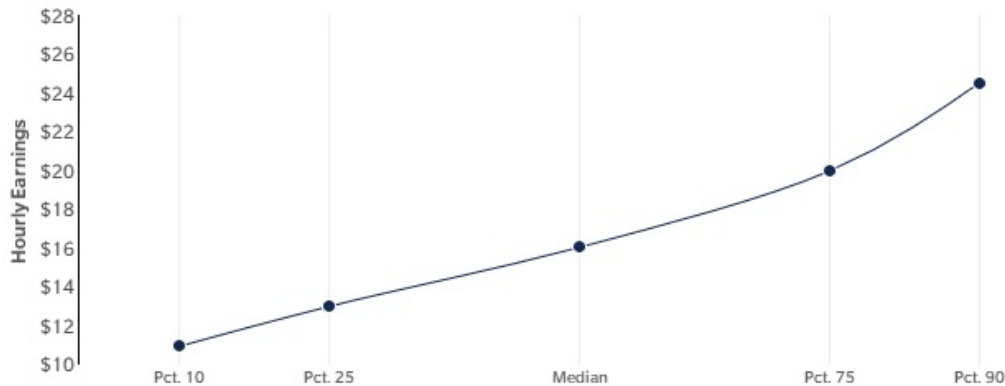
25th Percentile Earnings

\$16.02/hr

Median Earnings

\$19.97/hr

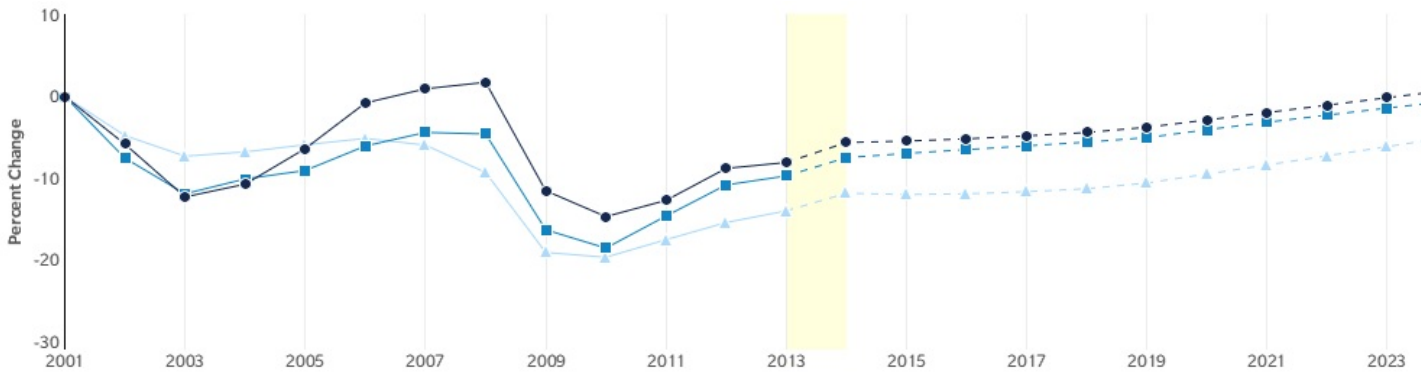
75th Percentile Earnings



Occupation	25th Percentile Earnings	Median Earnings	75th Percentile Earnings
Helpers--Production Workers (51-9198)	\$10.78	\$12.82	\$15.82
Transportation, Storage, and Distribution Managers (11-3071)	\$21.12	\$27.30	\$36.80
Cutting, Punching, and Press Machine Setters, Operators, and Tenders, Metal and Plastic (51-4031)	\$12.12	\$14.85	\$17.64
Layout Workers, Metal and Plastic (51-4192)	\$19.47	\$23.77	\$27.39
Grinding, Lapping, Polishing, and Buffing Machine Tool Setters, Operators, and Tenders, Metal and Plastic (51-4033)	\$11.24	\$13.55	\$16.33
Power Plant Operators (51-8013)	\$26.21	\$29.97	\$36.11
Plant and System Operators, All Other (51-8099)	\$23.83	\$30.02	\$36.06
Laundry and Dry-Cleaning Workers (51-6011)	\$8.59	\$9.45	\$11.09
Printing Press Operators (51-5112)	\$13.02	\$15.38	\$18.73
Coating, Painting, and Spraying Machine Setters, Operators, and Tenders (51-9121)	\$14.18	\$16.73	\$19.96
Laborers and Freight, Stock, and Material Movers, Hand (53-7062)	\$9.33	\$11.22	\$14.19
Team Assemblers (51-2092)	\$11.20	\$14.78	\$19.04
Packers and Packagers, Hand (53-7064)	\$8.22	\$9.05	\$10.71
Machinists (51-4041)	\$14.40	\$17.78	\$21.39

Grinding and Polishing Workers, Hand (51-9022)	\$10.39	\$12.04	\$15.55
Stationary Engineers and Boiler Operators (51-8021)	\$21.23	\$25.35	\$28.84
Structural Metal Fabricators and Fitters (51-2041)	\$13.80	\$17.02	\$20.54
First-Line Supervisors of Production and Operating Workers (51-1011)	\$20.93	\$26.58	\$34.08
Conveyor Operators and Tenders (53-7011)	\$13.02	\$14.75	\$17.23
Material Moving Workers, All Other (53-7199)	\$9.53	\$13.14	\$18.83
Assemblers and Fabricators, All Other (51-2099)	\$10.24	\$12.88	\$16.84
Welders, Cutters, Solderers, and Brazers (51-4121)	\$16.25	\$19.60	\$23.00
First-Line Supervisors of Transportation and Material-Moving Machine and Vehicle Operators (53-1031)	\$17.78	\$23.50	\$31.07
Forging Machine Setters, Operators, and Tenders, Metal and Plastic (51-4022)	\$20.46	\$23.33	\$26.11
Cutting and Slicing Machine Setters, Operators, and Tenders (51-9032)	\$11.29	\$14.17	\$17.23
Adhesive Bonding Machine Operators and Tenders (51-9191)	\$13.71	\$17.25	\$21.09
Inspectors, Testers, Sorters, Samplers, and Weighers (51-9061)	\$16.54	\$21.20	\$27.79
Electrical and Electronic Equipment Assemblers (51-2022)	\$11.69	\$13.05	\$14.46
Packaging and Filling Machine Operators and Tenders (51-9111)	\$8.66	\$10.32	\$13.01
Paper Goods Machine Setters, Operators, and Tenders (51-9196)	\$16.81	\$21.47	\$25.91

Regional Trends



Region	2013 Jobs	2014 Jobs	% Change
● Region	33,360	34,247	2.7%
■ State	109,143	111,854	2.5%
▲ Nation	8,773,339	8,993,187	2.5%

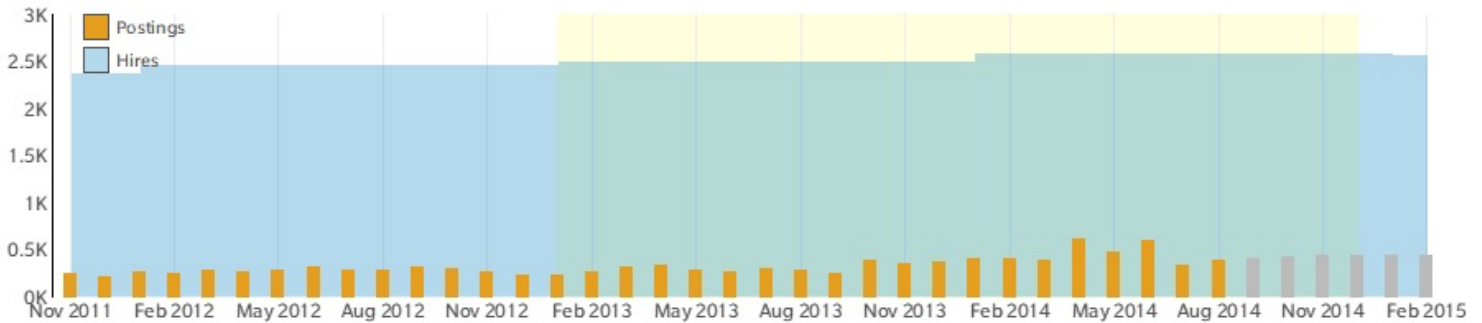
Postings vs. Hires

371

Avg. Monthly Postings (Jan 2013 - Dec 2014)

2,556

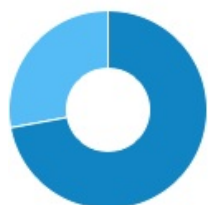
Avg. Monthly Hires (Jan 2013 - Dec 2014)



Occupation	Avg Monthly Postings (Jan 2013 - Dec 2014)	Avg Monthly Hires (Jan 2013 - Dec 2014)
First-Line Supervisors of Production and Operating Workers	74	97
Laborers and Freight, Stock, and Material Movers, Hand	53	774
Welders, Cutters, Solderers, and Brazers	41	173
Machinists	37	119
First-Line Supervisors of Transportation and Material-Moving Machine and Vehicle Operators	32	37
Inspectors, Testers, Sorters, Samplers, and Weighers	23	151
Helpers--Production Workers	22	298
Assemblers and Fabricators, All Other	19	54
Electrical and Electronic Equipment Assemblers	15	38
Transportation, Storage, and Distribution Managers	11	16
Team Assemblers	9	334
Material Moving Workers, All Other	7	2
Cutting, Punching, and Press Machine Setters, Operators, and Tenders, Metal and Plastic	7	58
Coating, Painting, and Spraying Machine Setters, Operators, and Tenders	5	19

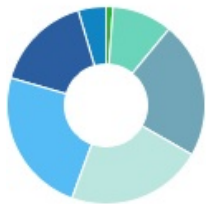
Packers and Packagers, Hand	4	115
Packaging and Filling Machine Operators and Tenders	3	97
Laundry and Dry-Cleaning Workers	2	73
Stationary Engineers and Boiler Operators	2	4
Structural Metal Fabricators and Fitters	2	22
Power Plant Operators	2	2
Printing Press Operators	1	18
Grinding, Lapping, Polishing, and Buffing Machine Tool Setters, Operators, and Tenders, Metal and Plastic	1	11
Cutting and Slicing Machine Setters, Operators, and Tenders	1	11
Plant and System Operators, All Other	1	1
Paper Goods Machine Setters, Operators, and Tenders	0	18
Layout Workers, Metal and Plastic	0	1
Forging Machine Setters, Operators, and Tenders, Metal and Plastic	0	3
Grinding and Polishing Workers, Hand	0	8
Conveyor Operators and Tenders	0	4
Adhesive Bonding Machine Operators and Tenders	0	1

Occupation Gender Breakdown



Gender	2014 Jobs	2014 Percent
Male	24,691	72.1%
Female	9,556	27.9%

Occupation Age Breakdown



	Age Group	2014 Jobs	2014 Percent
■	14-18	395	1.2% ■
■	19-24	3,362	9.8% ■
■	25-34	7,652	22.3% ■
■	35-44	7,627	22.3% ■
■	45-54	8,178	23.9% ■
■	55-64	5,475	16.0% ■
■	65+	1,558	4.5% ■

Occupational Programs

16
Programs (2013)

2,145
Completions (2013)

1,693
Openings (2013)

Program	Completions (2013)
Welding Technology/Welder	904
Business Administration and Management, General	792
Quality Control Technology/Technician	160
Business/Commerce, General	66
Mechanical Engineering	50

Industries Employing these Occupations

Industry	Occupation Group Jobs in Industry (2014)	% of Occupation Group in Industry (2014)	% of Total Jobs in Industry (2014)
Temporary Help Services	3,060	8.9%	36.0%
Professional Employer Organizations	1,815	5.3%	36.1%
Power Boiler and Heat Exchanger Manufacturing	1,426	4.2%	53.7%
Oil and Gas Field Machinery and Equipment Manufacturing	1,257	3.7%	46.9%
Machine Shops	1,219	3.6%	55.6%

Appendix A - Occupations

Code	Description
11-3071	Transportation, Storage, and Distribution Managers
51-1011	First-Line Supervisors of Production and Operating Workers
51-2022	Electrical and Electronic Equipment Assemblers
51-2041	Structural Metal Fabricators and Fitters
51-2092	Team Assemblers
51-2099	Assemblers and Fabricators, All Other
51-4022	Forging Machine Setters, Operators, and Tenders, Metal and Plastic
51-4031	Cutting, Punching, and Press Machine Setters, Operators, and Tenders, Metal and Plastic
51-4033	Grinding, Lapping, Polishing, and Buffing Machine Tool Setters, Operators, and Tenders, Metal and Plastic
51-4041	Machinists
51-4121	Welders, Cutters, Solderers, and Brazers
51-4192	Layout Workers, Metal and Plastic
51-5112	Printing Press Operators
51-6011	Laundry and Dry-Cleaning Workers
51-8013	Power Plant Operators
51-8021	Stationary Engineers and Boiler Operators
51-8099	Plant and System Operators, All Other
51-9022	Grinding and Polishing Workers, Hand
51-9032	Cutting and Slicing Machine Setters, Operators, and Tenders
51-9061	Inspectors, Testers, Sorters, Samplers, and Weighers
51-9111	Packaging and Filling Machine Operators and Tenders
51-9121	Coating, Painting, and Spraying Machine Setters, Operators, and Tenders
51-9191	Adhesive Bonding Machine Operators and Tenders
51-9196	Paper Goods Machine Setters, Operators, and Tenders
51-9198	Helpers--Production Workers
53-1031	First-Line Supervisors of Transportation and Material-Moving Machine and Vehicle Operators

53-7011 Conveyor Operators and Tenders

53-7062 Laborers and Freight, Stock, and Material Movers, Hand

53-7064 Packers and Packagers, Hand

53-7199 Material Moving Workers, All Other

Appendix B - Data Sources and Calculations

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.

State Data Sources

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

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.

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.

Staffing Patterns Data

The staffing pattern data in this report are compiled from several sources using a specialized process. For QCEW and Non-QCEW Employees classes of worker, sources include Occupational Employment Statistics, the National Industry-Occupation Employment Matrix, and the American Community Survey. For the Self-Employed and Extended Proprietors classes of worker, the primary source is the American Community Survey, with a small amount of information from Occupational Employment Statistics.

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 and Current Employment Statistics. (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.