

Occupation Overview

EMSI Q2 2015 Data Set

Early Childhood Education Program
October 2015

Western Technical College



400 Seventh Street
La Crosse, Wisconsin 54601
608.785.9200

Parameters

Occupations

Code	Description
25-2011	Preschool Teachers, Except Special Education
39-9011	Childcare Workers

Regions

Code	Description
55011	Buffalo County, WI
55023	Crawford County, WI
55053	Jackson County, WI
55057	Juneau County, WI
55063	La Crosse County, WI
55081	Monroe County, WI
55121	Trempealeau County, WI
55123	Vernon County, WI

Timeframe

2016 - 2020

Datarun

2015.2 – Employees

Early Childhood Education (2 years) 6/2013 (AED) in 8 Counties

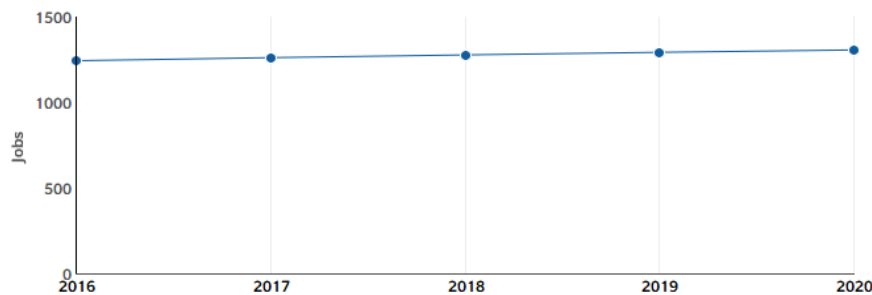
SOC	Description	2016 Jobs	2020 Jobs	2016 - 2020 Change	2016 - 2020 % Change	Median Hourly Earnings	Annual Openings	Openings
25-2011	Preschool Teachers, Except Special Education	405	426	21	5%	\$12.24	18	71
39-9011	Childcare Workers	841	883	42	5%	\$8.89	36	144
		1,246	1,309	63	5%	\$9.98	54	215

Occupation Summary for Early Childhood Education (2 years) 6/2013 (AED)

1,224 Jobs (2015) 3% above National average	5.0% % Change (2016-2020) Nation: 5.3%	\$9.98/hr Median Hourly Earnings Nation: \$10.96/hr
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Growth

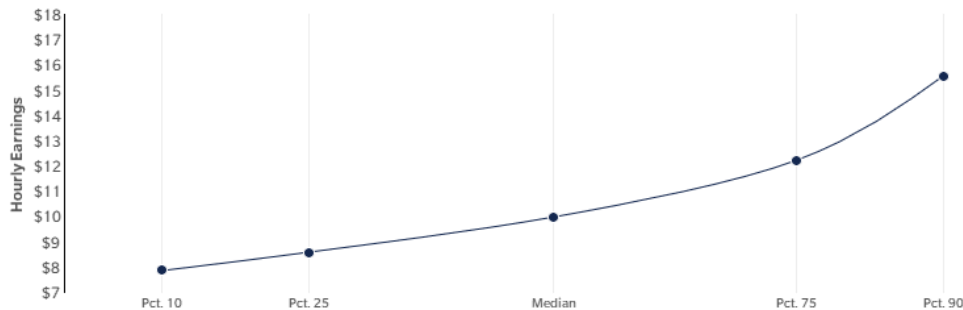
1,246 2016 Jobs	1,309 2020 Jobs	63 Change (2016-2020)	5.0% % Change (2016-2020)
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Occupation	2016 Jobs	2020 Jobs	Change	% Change
Preschool Teachers, Except Special Education (25-2011)	405	426	21	5%
Childcare Workers (39-9011)	841	883	42	5%

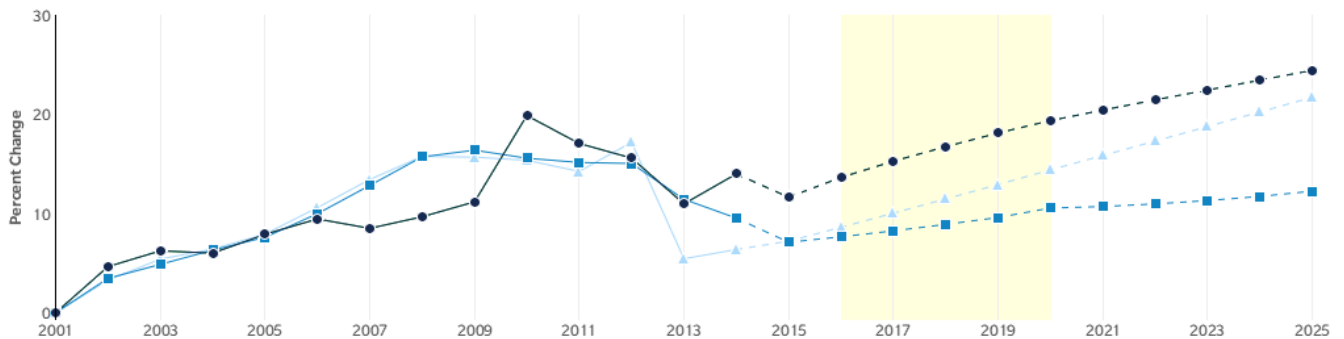
Percentile Earnings

\$8.59/hr 25th Percentile Earnings	\$9.98/hr Median Earnings	\$12.23/hr 75th Percentile Earnings
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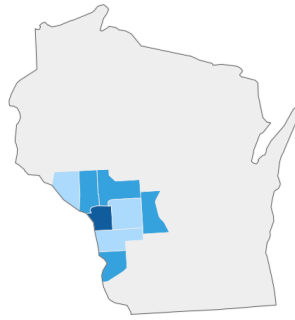
Occupation	25th Percentile Earnings	Median Earnings	75th Percentile Earnings
Preschool Teachers, Except Special Education (25-2011)	\$9.83	\$12.24	\$16.30
Childcare Workers (39-9011)	\$7.99	\$8.89	\$10.28

Regional Trends



Region	2016 Jobs	2020 Jobs	Change	% Change
● Region	1,246	1,309	63	5.1%
● State	26,083	26,785	702	2.7%
● Nation	1,194,193	1,257,902	63,709	5.3%
● Western Technical College District	1,246	1,309	63	5.1%

Regional Breakdown



County	2020 Jobs
La Crosse County, WI	814
Trempealeau County, WI	112
Crawford County, WI	81
Jackson County, WI	79
Juneau County, WI	74

Occupation Gender Breakdown



Gender	2015 Jobs	2015 Percent
Males	86	7.0%
Females	1,138	93.0%

Occupation Age Breakdown



	Age	2015 Jobs	2015 Percent
●	14-18	45	3.7% ■
●	19-24	342	27.9% ■■
●	25-34	267	21.8% ■■
●	35-44	197	16.1% ■■
●	45-54	178	14.6% ■■
●	55-64	138	11.2% ■■
●	65+	58	4.7% ■

Occupation Race/Ethnicity Breakdown



	Race/Ethnicity	2015 Jobs	2015 Percent
●	White	1,137	92.9% ■■■■■
●	Black or African American	36	3.0% ■
●	Hispanic or Latino	19	1.6% ■
●	Asian	16	1.3% ■
●	Two or More Races	9	0.8% ■
●	American Indian or Alaska Native	6	0.5%
●	Native Hawaiian or Other Pacific Islander	0	0.0%

Occupational Programs

3 Programs (2014)		25 Completions (2014)	37 Openings (2014)
CIP Code	Program	Completions (2014)	
13.1210	Early Childhood Education and Teaching	25	
19.0709	Child Care Provider/Assistant	0	
13.0101	Education, General	0	

Industries Employing Early Childhood Education (2 years) 6/2013 (AED)

Industry	Occupation Group Jobs in Industry (2015)	% of Occupation Group in Industry (2015)	% of Total Jobs in Industry (2015)
Child Day Care Services	448	36.6%	70.1%
Elementary and Secondary Schools (Local Government)	196	16.0%	2.5%
Civic and Social Organizations	138	11.3%	16.0%
Religious Organizations	132	10.8%	8.1%
Private Households	61	4.9%	30.2%

Appendix A - 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.

Location Quotient

Location quotient (LQ) is a way of quantifying how concentrated a particular industry, cluster, occupation, or demographic group is in a region as compared to the nation. It can reveal what makes a particular region unique in comparison to the national average.

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.

State Data Sources

This report uses state data from the following agencies: Illinois Department of Employment Security, Employment Projections; Iowa Workforce Development; Michigan Department of Labor and Economic Growth, Bureau of Labor Market Information and Strategic Initiatives; Minnesota Department of Employment and Economic Development; Wisconsin Department of Workforce Development, Bureau of Workforce Information