

Occupation Overview

EMSI Q2 2015 Data Set

IT-Computer Support Technician Program

October 2015

Western Technical College



400 Seventh Street
La Crosse, Wisconsin 54601
608.785.9200

Parameters

Occupations

Code	Description
15-1151	Computer User Support Specialists
43-9011	Computer Operators

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

2 Occupations in 8 Counties

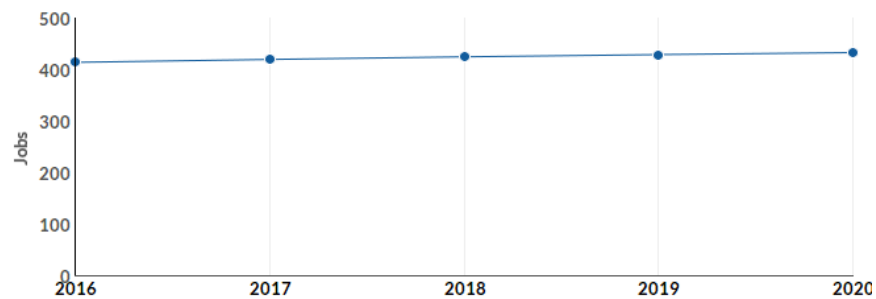
SOC	Description	2016 Jobs	2020 Jobs	2016 - 2020 Change	2016 - 2020 % Change	Openings	Annual Openings	Median Hourly Earnings
15-1151	Computer User Support Specialists	364	384	20	5%	44	11	\$18.59
43-9011	Computer Operators	50	49	(1)	(2%)	<10	Insf. Data	\$19.91
		414	433	19	5%	46	12	\$18.76

Occupation Summary for 2 Occupations

408 Jobs (2015) 42% below National average	4.6% % Change (2016-2020) Nation: 6.3%	\$18.76/hr Median Hourly Earnings Nation: \$22.54/hr
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Growth

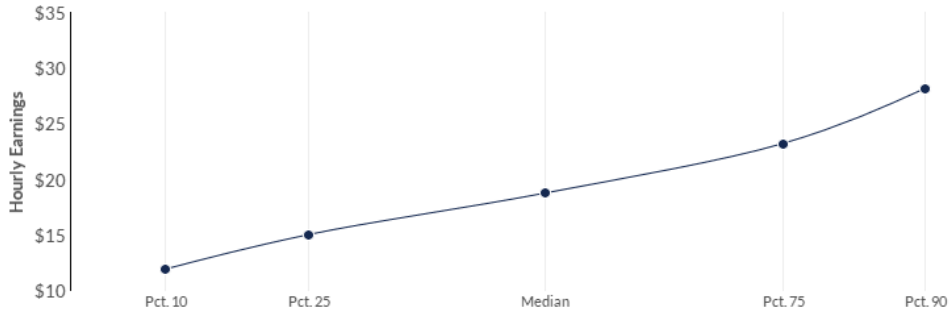
414 2016 Jobs	433 2020 Jobs	19 Change (2016-2020)	4.6% % Change (2016-2020)
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Occupation	2016 Jobs	2020 Jobs	Change	% Change
Computer User Support Specialists (15-1151)	364	384	20	5%
Computer Operators (43-9011)	50	49	-1	-2%

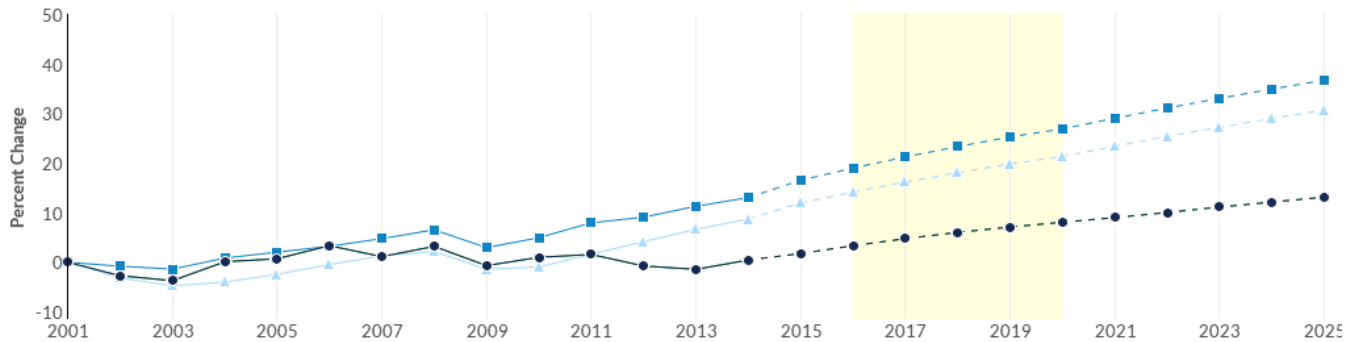
Percentile Earnings

\$15.00/hr 25th Percentile Earnings	\$18.76/hr Median Earnings	\$23.20/hr 75th Percentile Earnings
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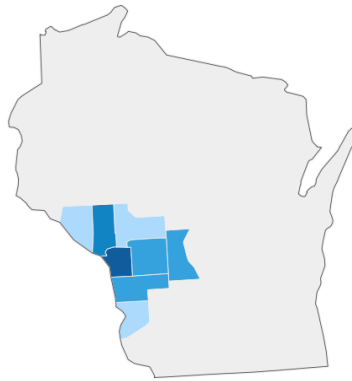
Occupation	25th Percentile Earnings	Median Earnings	75th Percentile Earnings
Computer User Support Specialists (15-1151)	\$14.94	\$18.59	\$23.07
Computer Operators (43-9011)	\$15.42	\$19.91	\$24.12

Regional Trends



Region	2016 Jobs	2020 Jobs	Change	% Change
● Region	414	433	19	4.6%
● State	12,739	13,585	846	6.6%
● Nation	717,533	762,658	45,125	6.3%
● Western Technical College District	414	433	19	4.6%

Regional Breakdown



County	2020 Jobs
La Crosse County, WI	288
Trempealeau County, WI	60
Monroe County, WI	23
Juneau County, WI	17
Vernon County, WI	15

Occupation Gender Breakdown



Gender	2015 Jobs	2015 Percent
Males	278	68.2%
Females	130	31.8%

Occupation Age Breakdown



	Age	2015 Jobs	2015 Percent
●	14-18	2	0.5%
●	19-24	46	11.4% █
●	25-34	108	26.4% █
●	35-44	97	23.9% █
●	45-54	89	21.8% █
●	55-64	58	14.1% █
●	65+	7	1.8%

Occupation Race/Ethnicity Breakdown



	Race/Ethnicity	2015 Jobs	2015 Percent
●	White	374	91.7% █
●	Asian	16	4.0% █
●	Black or African American	8	2.0% █
●	Hispanic or Latino	5	1.3%
●	Two or More Races	2	0.5%
●	American Indian or Alaska Native	2	0.4%
●	Native Hawaiian or Other Pacific Islander	0	0.0%

Occupational Programs

7 Programs (2014)		48 Completions (2014)	13 Openings (2014)
CIP Code	Program	Completions (2014)	
11.0901	Computer Systems Networking and Telecommunications	25	
11.1006	Computer Support Specialist	14	
11.0201	Computer Programming/Programmer, General	6	
11.1001	Network and System Administration/Administrator	3	
11.0501	Computer Systems Analysis/Analyst	0	

Industries Employing 2 Occupations

Industry	Occupation Group Jobs in Industry (2015)	% of Occupation Group in Industry (2015)	% of Total Jobs in Industry (2015)
Colleges, Universities, and Professional Schools (Local Government)	40	9.9%	2.2%
Corporate, Subsidiary, and Regional Managing Offices	32	7.9%	1.5%
Nonupholstered Wood Household Furniture Manufacturing	24	5.9%	0.6%
Local Government, Excluding Education and Hospitals	18	4.3%	0.2%
Software Publishers	17	4.1%	8.4%

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