

IT Computer Support Specialist Occupation Overview

Emsi Q1 2018 Data Set

March 2018

Western Technical College



400 Seventh Street
La Crosse, Wisconsin 54601
608.785.9200

Parameters

Occupations

Code	Description
15-1151	Computer User Support Specialists
15-1152	Computer Network Support Specialists
15-1199	Computer Occupations, All Other
43-9011	Computer Operators

Regions

Code	Description
55011	Buffalo 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

2019 - 2023

Datarun

2018.1 – QCEW Employees, Non-QCEW Employees, and Self-Employed

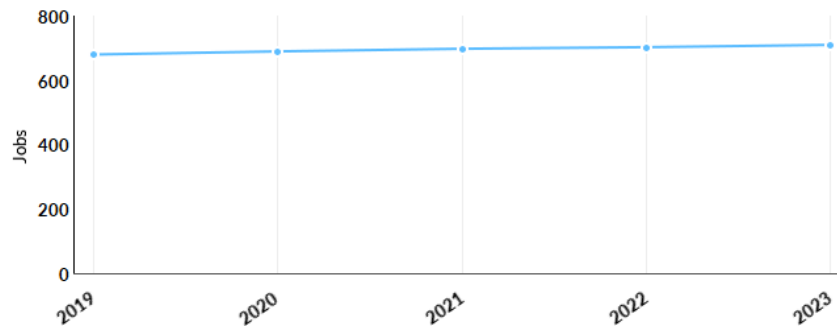
BUS 101543 ITCS in Western District

Occupation Summary for BUS 101543 ITCS

679 Jobs (2019) 44% below National average	4.4% % Change (2019-2023) Nation: 4.6%	\$23.02/hr Median Hourly Earnings Nation: \$27.07/hr
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Growth

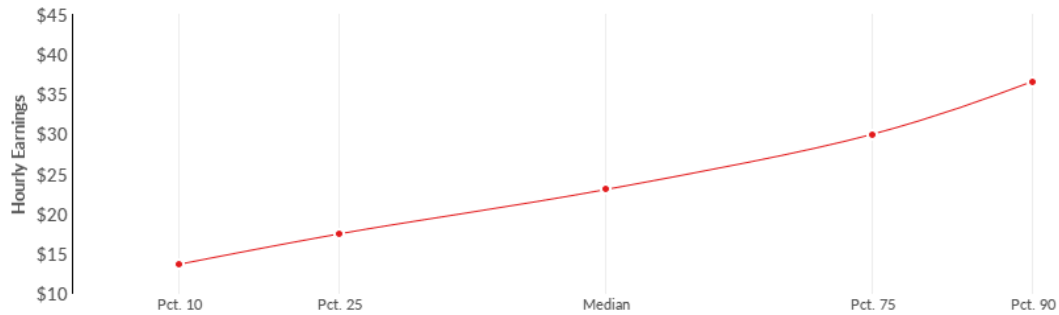
679 2019 Jobs	709 2023 Jobs	30 Change (2019-2023)	4.4% % Change (2019-2023)
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Occupation	2019 Jobs	2023 Jobs	Change	% Change
Computer User Support Specialists (15-1151)	407	428	21	5%
Computer Network Support Specialists (15-1152)	105	111	6	6%
Computer Occupations, All Other (15-1199)	146	150	4	3%
Computer Operators (43-9011)	21	20	-1	-5%

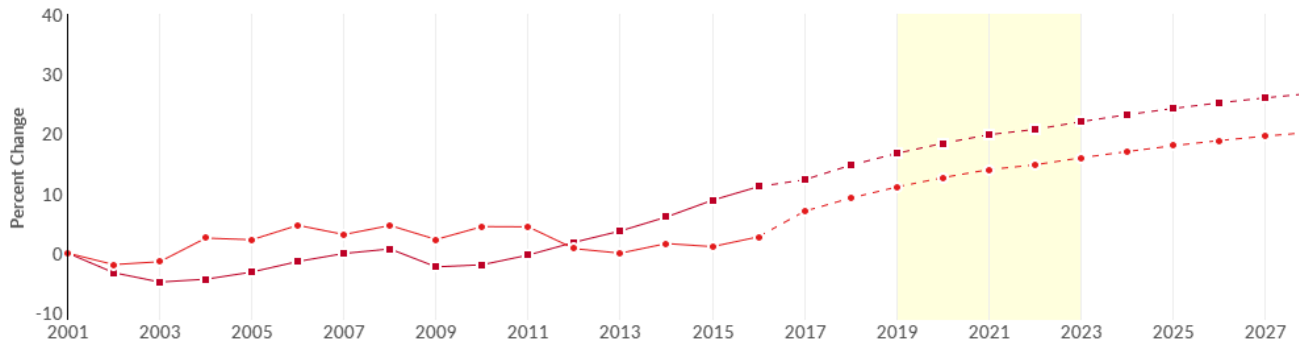
Percentile Earnings

\$17.45/hr 25th Percentile Earnings	\$23.02/hr Median Earnings	\$29.96/hr 75th Percentile Earnings
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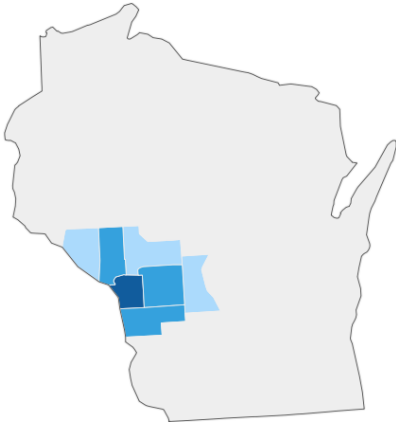
Occupation	25th Percentile Earnings	Median Earnings	75th Percentile Earnings
Computer User Support Specialists (15-1151)	\$16.03	\$20.30	\$25.60
Computer Network Support Specialists (15-1152)	\$19.17	\$24.35	\$30.90
Computer Occupations, All Other (15-1199)	\$26.74	\$32.96	\$39.63
Computer Operators (43-9011)	\$13.87	\$17.74	\$21.77

Regional Trends



	Region	2019 Jobs	2023 Jobs	Change	% Change
●	Region	679	709	30	4.4%
●	Nation	1,292,538	1,351,435	58,897	4.6%

Regional Breakdown



County	2023 Jobs
La Crosse County, WI	450
Monroe County, WI	96
Trempealeau County, WI	52
Vernon County, WI	43
Juneau County, WI	29

Occupation Gender Breakdown



	Gender	2017 Jobs	2017 Percent	
●	Males	471	72.0%	<div style="width: 72%;"></div>
●	Females	183	28.0%	<div style="width: 28%;"></div>

Occupation Age Breakdown



	Age	2017 Jobs	2017 Percent
●	14-18	3	0.5%
●	19-24	77	11.7% █
●	25-34	174	26.6% █
●	35-44	149	22.8% █
●	45-54	141	21.6% █
●	55-64	97	14.9% █
●	65+	13	2.0% █

Occupation Race/Ethnicity Breakdown



	Race/Ethnicity	2017 Jobs	2017 Percent
●	White	567	86.6% 
●	Asian	46	7.1% 
●	Black or African American	19	3.0% 
●	Hispanic or Latino	12	1.8% 
●	Two or More Races	7	1.1% 
●	American Indian or Alaska Native	3	0.4% 
●	Native Hawaiian or Other Pacific Islander	0	0.0% 

Occupational Programs

8		89	74
Programs (2016)		Completions (2016)	Openings (2016)
CIP Code	Program	Completions (2016)	
11.0101	Computer and Information Sciences, General	29	
11.0201	Computer Programming/Programmer, General	28	
11.1006	Computer Support Specialist	17	
11.0901	Computer Systems Networking and Telecommunications	12	
11.1001	Network and System Administration/Administrator	3	

Industries Employing BUS 101543 ITCS

Industry	Occupation Group Jobs in Industry (2017)	% of Occupation Group in Industry (2017)	% of Total Jobs in Industry (2017)
Colleges, Universities, and Professional Schools (Local Government)	67	10.2%	3.3%
Federal Government, Civilian, Excluding Postal Service	64	9.8%	2.0%
Corporate, Subsidiary, and Regional Managing Offices	51	7.9%	2.2%
Local Government, Excluding Education and Hospitals	30	4.6%	0.4%
General Medical and Surgical Hospitals	28	4.3%	0.3%

Appendix A - Data Sources and Calculations

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.

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.

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.

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