

Occupation Overview

Emsi Q1 2017 Data Set

March 2017

Western Technical College



400 Seventh Street
La Crosse, Wisconsin 54601
608.785.9200

Parameters

Occupations

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

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

2018 - 2022

Datarun

2017.1 – Employees

4 Occupations in Western Technical College District

SOC	Description	2018 Jobs	2022 Jobs	2018 - 2022 Change	2018 - 2022 % Change	2018 - 2022 Openings	Annual Openings	Median Hourly Earnings
15-1151	Computer User Support Specialists	326	341	15	5%	34	9	\$19.47
15-1152	Computer Network Support Specialists	160	165	5	3%	14	4	\$23.80
15-1199	Computer Occupations, All Other	138	141	3	2%	10	3	\$33.94
43-9011	Computer Operators	34	33	(1)	(3%)	<10	Insf. Data	\$18.80
		658	680	22	3%	59	15	\$23.54

Occupation Summary for 4 Occupations

640 Jobs (2016) 44% below National average	3.3% % Change (2018-2022) Nation: 4.7%	\$23.54/hr Median Hourly Earnings Nation: \$28.43/hr
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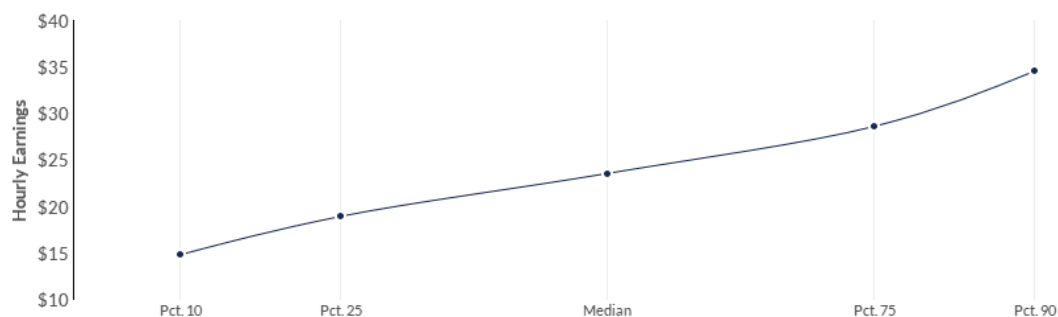
Growth

658 2018 Jobs	680 2022 Jobs	22 Change (2018-2022)	3.3% % Change (2018-2022)
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Occupation	2018 Jobs	2022 Jobs	Change	% Change
Computer User Support Specialists (15-1151)	326	341	15	5%
Computer Network Support Specialists (15-1152)	160	165	5	3%
Computer Occupations, All Other (15-1199)	138	141	3	2%
Computer Operators (43-9011)	34	33	-1	-3%

Percentile Earnings

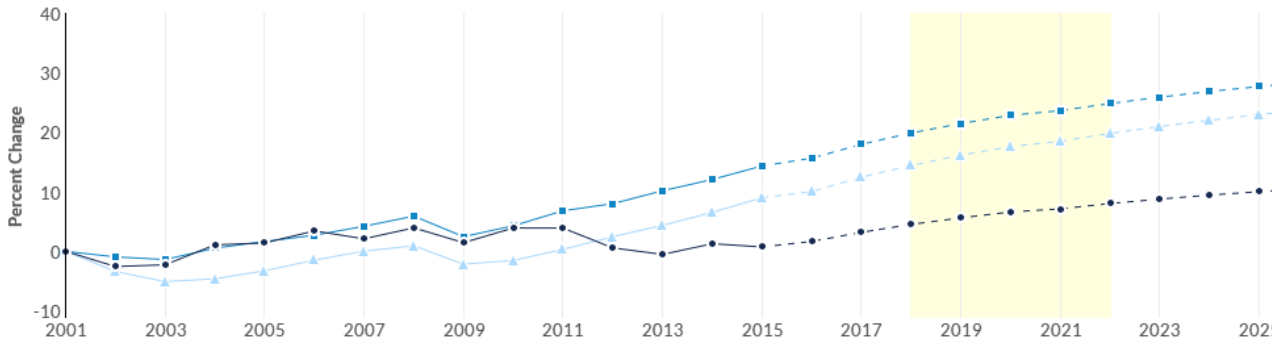
\$18.91/hr 25th Percentile Earnings	\$23.54/hr Median Earnings	\$28.60/hr 75th Percentile Earnings
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Occupation	25th Percentile Earnings	Median Earnings	75th Percentile Earnings
Computer User Support Specialists (15-1151)	\$15.58	\$19.47	\$23.53
Computer Network Support Specialists (15-1152)	\$19.40	\$23.80	\$28.89

Occupation	25th Percentile Earnings	Median Earnings	75th Percentile Earnings
Computer Occupations, All Other (15-1199)	\$27.08	\$33.94	\$41.46
Computer Operators (43-9011)	\$15.18	\$18.80	\$23.21

Regional Trends



	Region	2018 Jobs	2022 Jobs	Change	% Change
●	Region	658	680	22	3.3%
●	State	20,711	21,567	856	4.1%
●	Nation	1,197,200	1,253,291	56,091	4.7%

Regional Breakdown

County	2022 Jobs
La Crosse County, WI	407
Monroe County, WI	90
Trempealeau County, WI	54
Vernon County, WI	35
Crawford County, WI	30

Occupation Gender Breakdown

	Gender	2016 Jobs	2016 Percent
•	Males	454	70.9%
•	Females	186	29.1%

Occupation Age Breakdown

	Age	2016 Jobs	2016 Percent
•	14-18	4	0.5%
•	19-24	58	9.0%
•	25-34	164	25.6%
•	35-44	148	23.1%
•	45-54	159	24.8%
•	55-64	97	15.1%
•	65+	11	1.8%

Occupation Race/Ethnicity Breakdown

	Race/Ethnicity	2016 Jobs	2016 Percent
•	White	566	88.4%
•	Asian	32	4.9%
•	Black or African American	14	2.2%
•	Hispanic or Latino	14	2.2%
•	Two or More Races	9	1.4%
•	American Indian or Alaska Native	5	0.8%
•	Native Hawaiian or Other Pacific Islander	0	0.0%

Occupational Programs

8	79	17
Programs (2015)	Completions (2015)	Openings (2015)

CIP Code	Program	Completions (2015)
11.0101	Computer and Information Sciences, General	40
11.0901	Computer Systems Networking and Telecommunications	18
11.0201	Computer Programming/Programmer, General	11
11.1006	Computer Support Specialist	8
11.1001	Network and System Administration/Administrator	2

Industries Employing 4 Occupations

Industry	Occupation Group Jobs in Industry (2016)	% of Occupation Group in Industry (2016)	% of Total Jobs in Industry (2016)
Federal Government, Civilian, Excluding Postal Service	67	10.4%	2.1%
Corporate, Subsidiary, and Regional Managing Offices	54	8.5%	2.4%
Colleges, Universities, and Professional Schools (Local Government)	48	7.6%	2.8%
Local Government, Excluding Education and Hospitals	33	5.2%	0.4%
Colleges, Universities, and Professional Schools (State Government)	24	3.7%	1.7%

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.

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.

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