

Occupation Overview

EMSI Q2 2015 Data Set

Supervisory Management Associate Degree Program
October 2015

Western Technical College



400 Seventh Street
La Crosse, Wisconsin 54601
608.785.9200

Parameters

Occupations

Code	Description
11-1021	General and Operations Managers
11-2022	Sales Managers
11-3051	Industrial Production Managers
11-3071	Transportation, Storage, and Distribution Managers
11-9071	Gaming Managers
11-9081	Lodging Managers
11-9111	Medical and Health Services Managers
11-9199	Managers, All Other
41-1012	First-Line Supervisors of Non-Retail Sales 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

Supervisory Management Associate Degree 2015 (AED) in 8 Counties

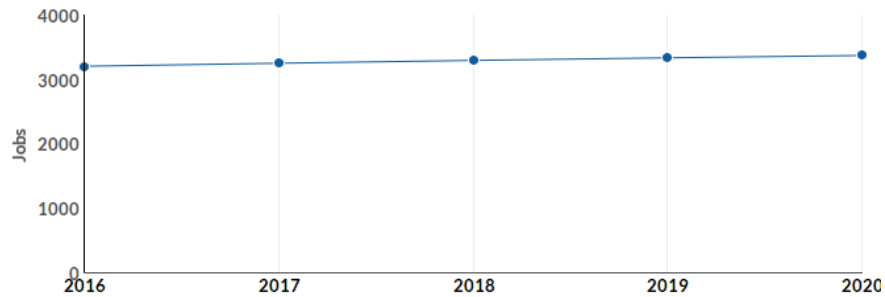
SOC	Description	2016 Jobs	2020 Jobs	2016 - 2020 Change	2016 - 2020 % Change	Openings	Annual Openings	Median Hourly Earnings
11-1021	General and Operations Managers	1,672	1,768	96	6%	227	57	\$33.89
11-2022	Sales Managers	269	279	10	4%	34	9	\$37.27
11-3051	Industrial Production Managers	240	248	8	3%	26	7	\$39.93
11-3071	Transportation, Storage, and Distribution Managers	120	129	9	8%	20	5	\$33.97
11-9071	Gaming Managers	0	0	0	0%	0	0	\$0.00
11-9081	Lodging Managers	16	17	1	6%	<10	Insf. Data	\$17.79
11-9111	Medical and Health Services Managers	376	404	28	7%	67	17	\$35.58
11-9199	Managers, All Other First-Line	283	291	8	3%	33	8	\$31.94
41-1012	Supervisors of Non-Retail Sales Workers	232	240	8	3%	20	5	\$27.46
		3,208	3,376	168	5%	429	107	\$34.10

Occupation Summary for Supervisory Management Associate Degree 2015 (AED)

3,155 Jobs (2015) 17% below National average	5.2% % Change (2016-2020) Nation: 3.9%	\$34.10/hr Median Hourly Earnings Nation: \$46.28/hr
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Growth

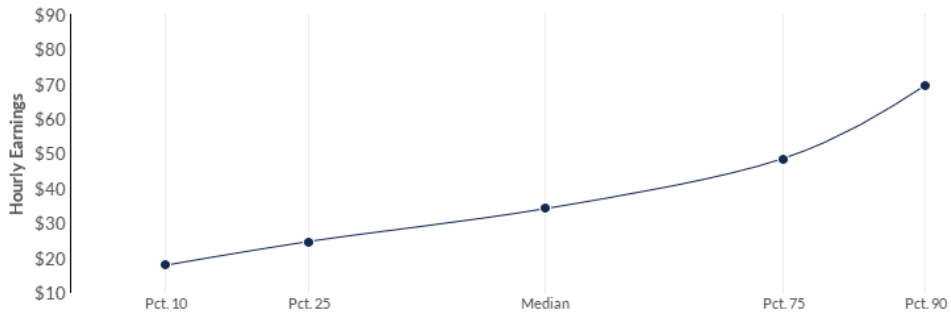
3,208 2016 Jobs	3,376 2020 Jobs	168 Change (2016-2020)	5.2% % Change (2016-2020)
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Occupation	2016 Jobs	2020 Jobs	Change	% Change
General and Operations Managers (11-1021)	1,672	1,768	96	6%
Sales Managers (11-2022)	269	279	10	4%
Industrial Production Managers (11-3051)	240	248	8	3%
Transportation, Storage, and Distribution Managers (11-3071)	120	129	9	8%
Gaming Managers (11-9071)	0	0	0	0%
Lodging Managers (11-9081)	16	17	1	6%
Medical and Health Services Managers (11-9111)	376	404	28	7%
Managers, All Other (11-9199)	283	291	8	3%
First-Line Supervisors of Non-Retail Sales Workers (41-1012)	232	240	8	3%

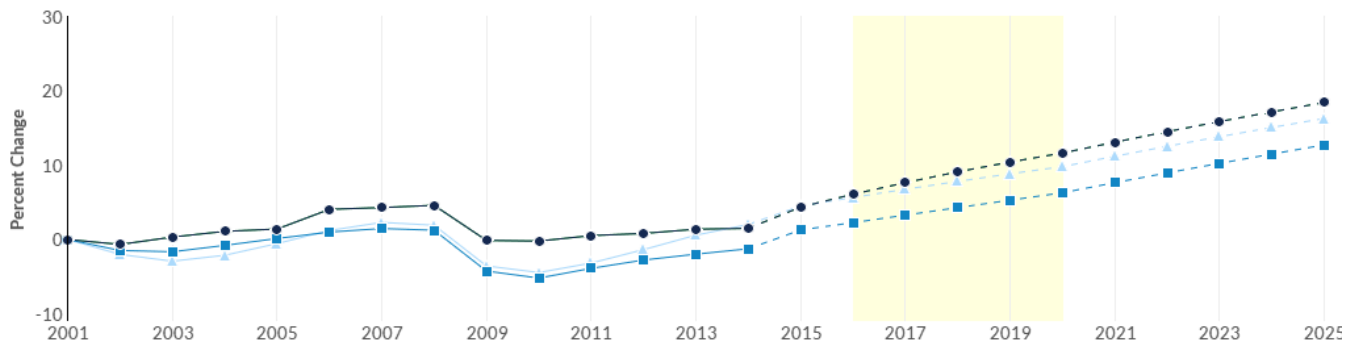
Percentile Earnings

\$24.59/hr 25th Percentile Earnings	\$34.10/hr Median Earnings	\$48.47/hr 75th Percentile Earnings
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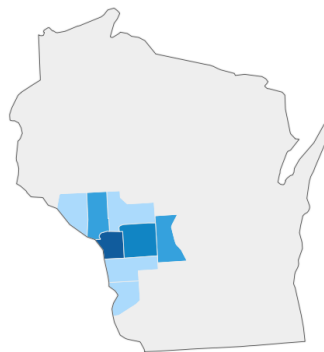
Occupation	25th Percentile Earnings	Median Earnings	75th Percentile Earnings
General and Operations Managers (11-1021)	\$22.74	\$33.89	\$50.84
Sales Managers (11-2022)	\$30.45	\$37.27	\$52.70
Industrial Production Managers (11-3051)	\$31.53	\$39.93	\$52.37
Transportation, Storage, and Distribution Managers (11-3071)	\$23.24	\$33.97	\$49.15
Gaming Managers (11-9071)	\$23.41	\$29.62	\$37.09
Lodging Managers (11-9081)	\$13.78	\$17.79	\$23.00
Medical and Health Services Managers (11-9111)	\$28.34	\$35.58	\$44.68
Managers, All Other (11-9199)	\$24.13	\$31.94	\$42.57
First-Line Supervisors of Non-Retail Sales Workers (41-1012)	\$20.05	\$27.46	\$37.54

Regional Trends



	Region	2016 Jobs	2020 Jobs	Change	% Change
●	Region	3,208	3,376	168	5.2%
●	State	72,230	75,071	2,841	3.9%
●	Nation	3,840,741	3,991,291	150,550	3.9%
●	Western Technical College District	3,208	3,376	168	5.2%

Regional Breakdown



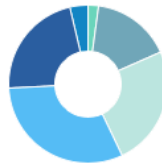
County	2020 Jobs
La Crosse County, WI	1,685
Monroe County, WI	509
Trempealeau County, WI	346
Juneau County, WI	217
Vernon County, WI	194

Occupation Gender Breakdown



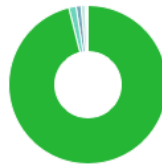
	Gender	2015 Jobs	2015 Percent	
•	Males	2,101	66.6%	<div style="width: 66.6%;"></div>
•	Females	1,055	33.4%	<div style="width: 33.4%;"></div>

Occupation Age Breakdown



	Age	2015 Jobs	2015 Percent	
•	14-18	1	0.0%	
•	19-24	67	2.1%	
•	25-34	512	16.2%	<div style="width: 16.2%;"></div>
•	35-44	775	24.5%	<div style="width: 24.5%;"></div>
•	45-54	987	31.3%	<div style="width: 31.3%;"></div>
•	55-64	697	22.1%	<div style="width: 22.1%;"></div>
•	65+	117	3.7%	<div style="width: 3.7%;"></div>

Occupation Race/Ethnicity Breakdown



	Race/Ethnicity	2015 Jobs	2015 Percent
●	White	3,032	96.1%
●	Asian	46	1.5%
●	Hispanic or Latino	32	1.0%
●	Black or African American	26	0.8%
●	Two or More Races	10	0.3%
●	American Indian or Alaska Native	9	0.3%
●	Native Hawaiian or Other Pacific Islander	0	0.0%

Occupational Programs

	15 Programs (2014)	478 Completions (2014)	149 Openings (2014)
CIP Code	Program	Completions (2014)	
52.0201	Business Administration and Management, General	251	
52.1401	Marketing/Marketing Management, General	109	
51.2208	Community Health and Preventive Medicine	50	
52.0299	Business Administration, Management and Operations, Other	23	
44.0401	Public Administration	20	

Industries Employing Supervisory Management Associate Degree 2015 (AED)

Industry	Occupation Group Jobs in Industry (2015)	% of Occupation Group in Industry (2015)	% of Total Jobs in Industry (2015)
General Medical and Surgical Hospitals	216	6.8%	2.2%
Corporate, Subsidiary, and Regional Managing Offices	178	5.6%	8.3%
Federal Government, Civilian, Excluding Postal Service	161	5.1%	5.1%
Local Government, Excluding Education and Hospitals	124	3.9%	1.5%
Nonupholstered Wood Household Furniture Manufacturing	114	3.6%	2.9%

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