

Occupation Overview

EMSI Q2 2015 Data Set

Landscape Horticulture Program
October 2015

Western Technical College



400 Seventh Street
La Crosse, Wisconsin 54601
608.785.9200

Parameters

Occupations

Code	Description
17-1012	Landscape Architects
19-4093	Forest and Conservation Technicians
37-1011	First-Line Supervisors of Housekeeping and Janitorial Workers
37-1012	First-Line Supervisors of Landscaping, Lawn Service, and Groundskeeping Workers
37-3012	Pesticide Handlers, Sprayers, and Applicators, Vegetation
37-3013	Tree Trimmers and Pruners
37-3019	Grounds Maintenance Workers, All Other

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

Landscape Horticulture 2015 (AED) in 8 Counties

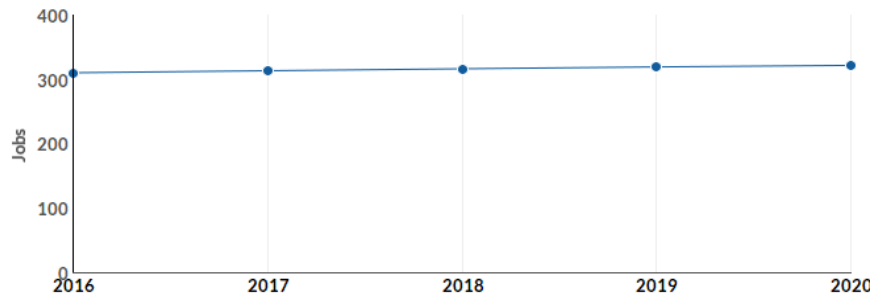
SOC	Description	2016 Jobs	2020 Jobs	2016 - 2020 Change	2016 - 2020 % Change	Openings	Annual Openings	Median Hourly Earnings
17-1012	Landscape Architects	<10	<10	Insf. Data	Insf. Data	<10	Insf. Data	Insf. Data
19-4093	Forest and Conservation Technicians	67	67	0	0%	11	3	\$18.64
37-1011	First-Line Supervisors of Housekeeping and Janitorial Workers	125	129	4	3%	16	4	\$18.89
37-1012	First-Line Supervisors of Landscaping, Lawn Service, and Groundskeeping Workers	54	57	3	6%	<10	Insf. Data	\$23.14
37-3012	Pesticide Handlers, Sprayers, and Applicators, Vegetation	35	37	2	6%	<10	Insf. Data	\$16.44
37-3013	Tree Trimmers and Pruners	13	14	1	8%	<10	Insf. Data	\$16.68
37-3019	Grounds Maintenance Workers, All Other	10	11	1	10%	<10	Insf. Data	\$16.12
		311	322	11	4%	44	11	\$19.24

Occupation Summary for Landscape Horticulture 2015 (AED)

307 Jobs (2015) 26% below National average	3.7% % Change (2016-2020) Nation: 5.3%	\$19.24/hr Median Hourly Earnings Nation: \$18.33/hr
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Growth

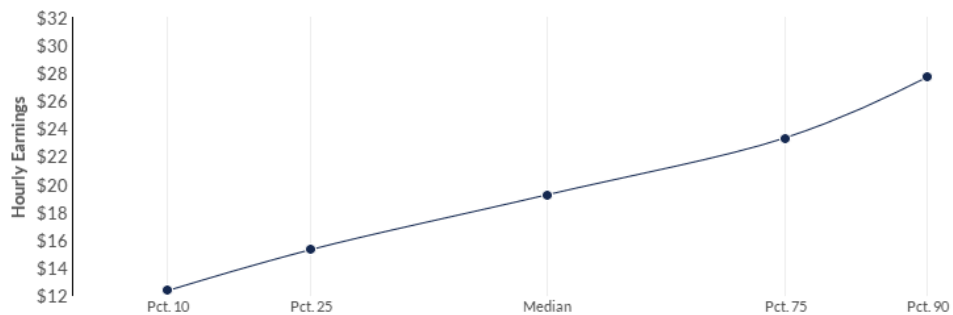
311 2016 Jobs	322 2020 Jobs	11 Change (2016-2020)	3.7% % Change (2016-2020)
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Occupation	2016 Jobs	2020 Jobs	Change	% Change
Landscape Architects (17-1012)	7	8	1	14%
Forest and Conservation Technicians (19-4093)	67	67	0	0%
First-Line Supervisors of Housekeeping and Janitorial Workers (37-1011)	125	129	4	3%
First-Line Supervisors of Landscaping, Lawn Service, and Groundskeeping Workers (37-1012)	54	57	3	6%
Pesticide Handlers, Sprayers, and Applicators, Vegetation (37-3012)	35	37	2	6%
Tree Trimmers and Pruners (37-3013)	13	14	1	8%
Grounds Maintenance Workers, All Other (37-3019)	10	11	1	10%

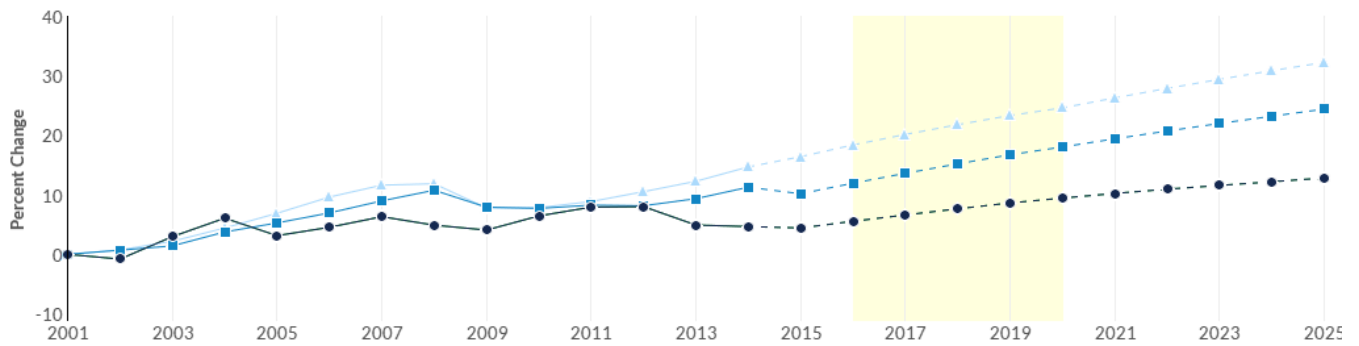
Percentile Earnings

\$15.27/hr 25th Percentile Earnings	\$19.24/hr Median Earnings	\$23.32/hr 75th Percentile Earnings
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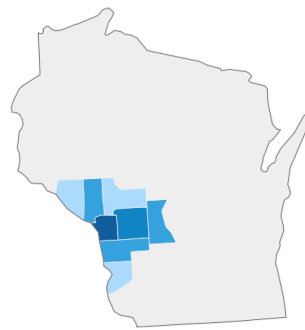
Occupation	25th Percentile Earnings	Median Earnings	75th Percentile Earnings
Landscape Architects (17-1012)	\$22.57	\$26.30	\$30.74
Forest and Conservation Technicians (19-4093)	\$15.43	\$18.64	\$21.76
First-Line Supervisors of Housekeeping and Janitorial Workers (37-1011)	\$14.44	\$18.89	\$23.32
First-Line Supervisors of Landscaping, Lawn Service, and Groundskeeping Workers (37-1012)	\$18.16	\$23.14	\$28.56
Pesticide Handlers, Sprayers, and Applicators, Vegetation (37-3012)	\$14.03	\$16.44	\$18.69
Tree Trimmers and Pruners (37-3013)	\$13.25	\$16.68	\$21.04
Grounds Maintenance Workers, All Other (37-3019)	\$12.36	\$16.12	\$20.95

Regional Trends



	Region	2016 Jobs	2020 Jobs	Change	% Change
●	Region	311	322	11	3.5%
●	State	6,475	6,827	352	5.4%
●	Nation	421,777	444,010	22,233	5.3%
●	Western Technical College District	311	322	11	3.5%

Regional Breakdown



County	2020 Jobs
La Crosse County, WI	147
Monroe County, WI	59
Trempealeau County, WI	37
Juneau County, WI	25
Vernon County, WI	19

Occupation Gender Breakdown



	Gender	2015 Jobs	2015 Percent
•	Males	212	68.8%
•	Females	96	31.2%

Occupation Age Breakdown



	Age	2015 Jobs	2015 Percent
•	14-18	8	2.7%
•	19-24	38	12.2%
•	25-34	50	16.4%
•	35-44	56	18.2%
•	45-54	79	25.8%
•	55-64	58	19.0%
•	65+	17	5.6%

Occupation Race/Ethnicity Breakdown



	Race/Ethnicity	2015 Jobs	2015 Percent
●	White	278	90.4%
●	Black or African American	10	3.2%
●	Hispanic or Latino	9	2.8%
●	American Indian or Alaska Native	4	1.5%
●	Asian	4	1.5%
●	Two or More Races	2	0.6%
●	Native Hawaiian or Other Pacific Islander	0	0.0%

Occupational Programs

	3 Programs (2014)	278 Completions (2014)	11 Openings (2014)
CIP Code	Program	Completions (2014)	
52.0201	Business Administration and Management, General	251	
52.0299	Business Administration, Management and Operations, Other	23	
01.0605	Landscaping and Groundskeeping	4	

Industries Employing Landscape Horticulture 2015 (AED)

Industry	Occupation Group Jobs in Industry (2015)	% of Occupation Group in Industry (2015)	% of Total Jobs in Industry (2015)
Federal Government, Civilian, Excluding Postal Service	55	18.0%	1.8%
Local Government, Excluding Education and Hospitals	39	12.7%	0.5%
Landscaping Services	35	11.2%	14.8%
Hotels (except Casino Hotels) and Motels	23	7.4%	1.5%
Janitorial Services	18	6.0%	4.5%

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