

Occupation Overview

EMSI Q2 2015 Data Set

Farm Business Production Management Program
October 2015

Western Technical College



400 Seventh Street
La Crosse, Wisconsin 54601
608.785.9200

Parameters

Occupations

Code	Description
11-9013	Farmers, Ranchers, and Other Agricultural Managers
45-1011	First-Line Supervisors of Farming, Fishing, and Forestry 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

Farm Business Production Management 2015 (AED) in 8 Counties

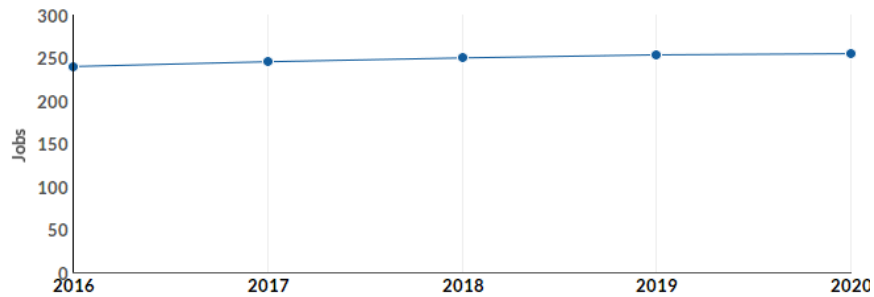
SOC	Description	2016 Jobs	2020 Jobs	2016 - 2020 Change	2016 - 2020 % Change	Openings	Annual Openings	Median Hourly Earnings
11-9013	Farmers, Ranchers, and Other Agricultural Managers	161	172	11	7%	22	6	\$24.62
45-1011	First-Line Supervisors of Farming, Fishing, and Forestry Workers	80	84	4	5%	11	3	\$27.65
		240	255	15	6%	33	8	\$25.63

Occupation Summary for Farm Business Production Management 2015 (AED)

233 Jobs (2015) 104% above National average	6.2% % Change (2016-2020) Nation: 1.5%	\$25.63/hr Median Hourly Earnings Nation: \$28.07/hr
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Growth

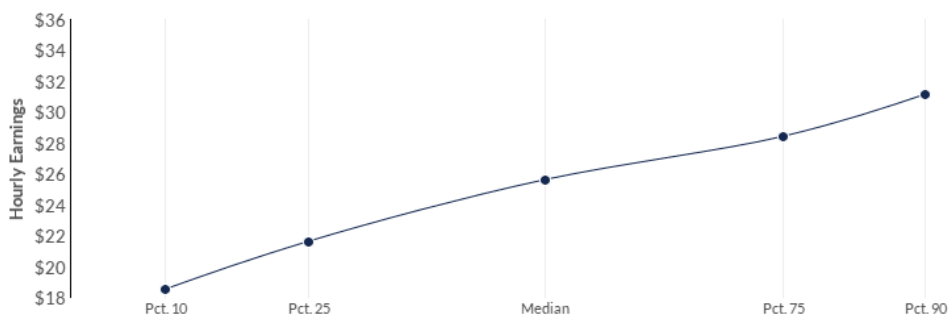
240 2016 Jobs	255 2020 Jobs	15 Change (2016-2020)	6.2% % Change (2016-2020)
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Occupation	2016 Jobs	2020 Jobs	Change	% Change
Farmers, Ranchers, and Other Agricultural Managers (11-9013)	161	172	11	7%
First-Line Supervisors of Farming, Fishing, and Forestry Workers (45-1011)	80	84	4	5%

Percentile Earnings

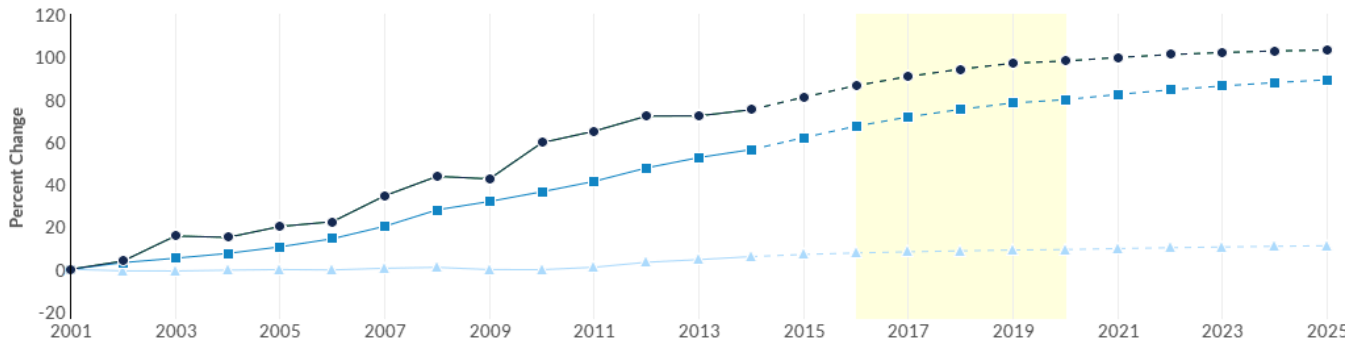
\$21.62/hr 25th Percentile Earnings	\$25.63/hr Median Earnings	\$28.43/hr 75th Percentile Earnings
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Occupation	25th Percentile Earnings	Median Earnings	75th Percentile Earnings
Farmers, Ranchers, and Other Agricultural Managers (11-9013)	\$22.28	\$24.62	\$26.80
First-Line Supervisors of Farming, Fishing, and Forestry Workers (45-1011)	\$20.30	\$27.65	\$31.67

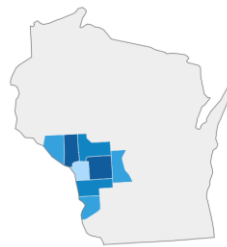
Occupation	25th Percentile Earnings	Median Earnings	75th Percentile Earnings
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Regional Trends



	Region	2016 Jobs	2020 Jobs	Change	% Change
●	Region	240	255	15	6.3%
●	State	3,147	3,381	234	7.4%
●	Nation	114,618	116,328	1,710	1.5%
●	Western Technical College District	240	255	15	6.3%

Regional Breakdown



County	2020 Jobs
Trempealeau County, WI	57
Monroe County, WI	49
Jackson County, WI	35
Vernon County, WI	32
Buffalo County, WI	25

Occupation Gender Breakdown



	Gender	2015 Jobs	2015 Percent
•	Males	183	78.5%
•	Females	50	21.5%

Occupation Age Breakdown



	Age	2015 Jobs	2015 Percent
•	14-18	2	0.7%
•	19-24	16	6.7%
•	25-34	39	16.9%
•	35-44	47	20.0%
•	45-54	58	25.0%
•	55-64	47	20.1%
•	65+	25	10.7%

Occupation Race/Ethnicity Breakdown



	Race/Ethnicity	2015 Jobs	2015 Percent
●	White	218	93.4%
●	Hispanic or Latino	9	3.9%
●	Black or African American	3	1.1%
●	Asian	2	1.1%
●	Native Hawaiian or Other Pacific Islander	1	0.4%
●	American Indian or Alaska Native	0	0.2%
●	Two or More Races	0	0.0%

Occupational Programs

	2 Programs (2014)	4 Completions (2014)	12 Openings (2014)
CIP Code	Program		Completions (2014)
01.0104	Farm/Farm and Ranch Management		4
01.0199	Agricultural Business and Management, Other		0

Industries Employing Farm Business Production Management 2015 (AED)

Industry	Occupation Group Jobs in Industry (2015)	% of Occupation Group in Industry (2015)	% of Total Jobs in Industry (2015)
Animal Production and Aquaculture	131	56.1%	13.1%
Crop Production	72	30.8%	9.4%
Farm Labor Contractors and Crew Leaders	<10	2.6%	2.8%
Support Activities for Animal Production	<10	1.8%	5.7%
Farm Supplies Merchant Wholesalers	<10	1.3%	0.4%

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