

Occupation Overview

EMSI Q2 2015 Data Set

Wood Tech Program
October 2015

Western Technical College



400 Seventh Street
La Crosse, Wisconsin 54601
608.785.9200

Parameters

Occupations

Code	Description
47-2031	Carpenters
47-2061	Construction Laborers
47-2141	Painters, Construction and Maintenance
47-2181	Roofers
47-4099	Construction and Related Workers, All Other
51-7011	Cabinetmakers and Bench Carpenters

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

Wood Tech 2015 (AED) in 8 Counties

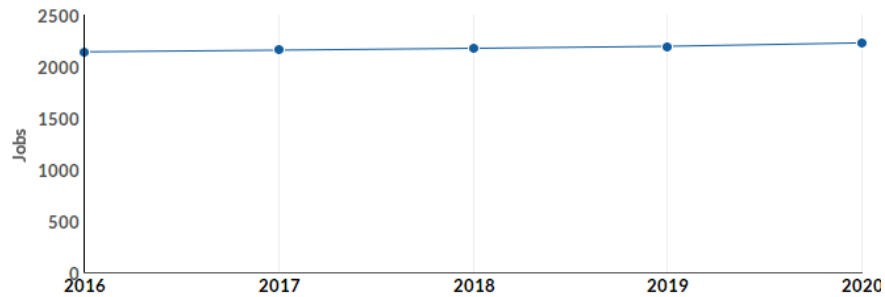
SOC	Description	2016 Jobs	2020 Jobs	2016 - 2020 Change	2016 - 2020 % Change	Openings	Annual Openings	Median Hourly Earnings
47-2031	Carpenters	784	799	15	2%	66	17	\$18.30
47-2061	Construction Laborers	836	885	49	6%	133	33	\$16.08
47-2141	Painters, Construction and Maintenance	74	74	0	0%	<10	Insf. Data	\$15.42
47-2181	Roofers	189	213	24	13%	43	11	\$18.84
47-4099	Construction and Related Workers, All Other	20	21	1	5%	<10	Insf. Data	\$16.21
51-7011	Cabinetmakers and Bench Carpenters	242	239	(3)	(1%)	10	3	\$15.40
		2,145	2,232	87	4%	262	66	\$17.05

Occupation Summary for Wood Tech 2015 (AED)

2,133 Jobs (2015) 3% above National average	4.1% % Change (2016-2020) Nation: 4.1%	\$17.05/hr Median Hourly Earnings Nation: \$16.90/hr
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Growth

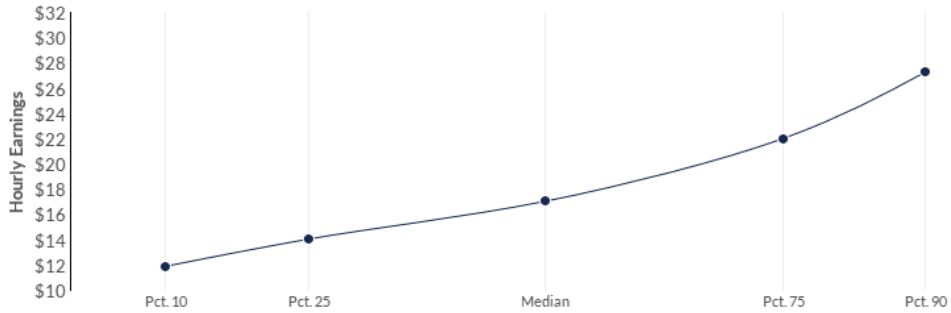
2,145 2016 Jobs	2,232 2020 Jobs	87 Change (2016-2020)	4.1% % Change (2016-2020)
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Occupation	2016 Jobs	2020 Jobs	Change	% Change
Carpenters (47-2031)	784	799	15	2%
Construction Laborers (47-2061)	836	885	49	6%
Painters, Construction and Maintenance (47-2141)	74	74	0	0%
Roofers (47-2181)	189	213	24	13%
Construction and Related Workers, All Other (47-4099)	20	21	1	5%
Cabinetmakers and Bench Carpenters (51-7011)	242	239	-3	-1%

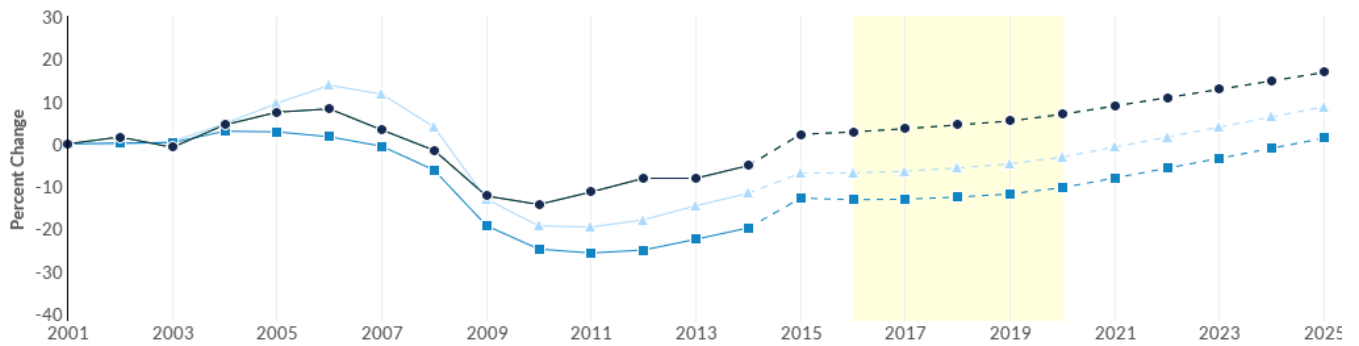
Percentile Earnings

\$14.05/hr 25th Percentile Earnings	\$17.05/hr Median Earnings	\$22.00/hr 75th Percentile Earnings
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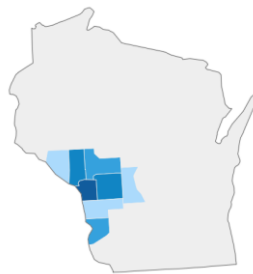
Occupation	25th Percentile Earnings	Median Earnings	75th Percentile Earnings
Carpenters (47-2031)	\$15.06	\$18.30	\$23.90
Construction Laborers (47-2061)	\$13.18	\$16.08	\$21.29
Painters, Construction and Maintenance (47-2141)	\$11.92	\$15.42	\$19.43
Roofers (47-2181)	\$15.60	\$18.84	\$22.96
Construction and Related Workers, All Other (47-4099)	\$13.27	\$16.21	\$19.94
Cabinetmakers and Bench Carpenters (51-7011)	\$13.15	\$15.40	\$18.36

Regional Trends



	Region	2016 Jobs	2020 Jobs	Change	% Change
●	Region	2,145	2,232	87	4.1%
■	State	36,547	37,743	1,196	3.3%
▲	Nation	2,058,263	2,142,269	84,006	4.1%
●	Western Technical College District	2,145	2,232	87	4.1%

Regional Breakdown



County	2020 Jobs
La Crosse County, WI	907
Trempealeau County, WI	403
Monroe County, WI	281
Jackson County, WI	257
Crawford County, WI	134

Occupation Gender Breakdown



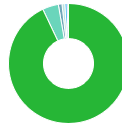
	Gender	2015 Jobs	2015 Percent
•	Males	2,076	97.3%
•	Females	58	2.7%

Occupation Age Breakdown



	Age	2015 Jobs	2015 Percent
•	14-18	35	1.6%
•	19-24	270	12.6%
•	25-34	667	31.2%
•	35-44	484	22.7%
•	45-54	447	20.9%
•	55-64	201	9.4%
•	65+	31	1.4%

Occupation Race/Ethnicity Breakdown



	Race/Ethnicity	2015 Jobs	2015 Percent
●	White	1,983	93.0%
●	Hispanic or Latino	92	4.3%
●	Asian	21	1.0%
●	Black or African American	16	0.8%
●	American Indian or Alaska Native	14	0.6%
●	Two or More Races	7	0.3%
●	Native Hawaiian or Other Pacific Islander	0	0.0%

Occupational Programs

1 Programs (2014)		11 Completions (2014)	188 Openings (2014)
CIP Code	Program	Completions (2014)	
46.0201	Carpentry/Carpenter	11	

Industries Employing Wood Tech 2015 (AED)

Industry	Occupation Group Jobs in Industry (2015)	% of Occupation Group in Industry (2015)	% of Total Jobs in Industry (2015)
Commercial and Institutional Building Construction	227	10.6%	36.9%
Nonupholstered Wood Household Furniture Manufacturing	206	9.7%	5.3%
Highway, Street, and Bridge Construction	205	9.6%	30.0%
Roofing Contractors	187	8.8%	63.2%
New Single-Family Housing Construction (except For-Sale Builders)	163	7.6%	55.1%

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