

# Occupation Overview

Emsi Q1 2019 Data Set

March 2019

## Western Technical College



400 Seventh Street  
La Crosse, Wisconsin 54601  
608.785.9200

# Parameters

## Occupations

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Code	Description
51-4121	Welders, Cutters, Solderers, and Brazers
51-4122	Welding, Soldering, and Brazing Machine Setters, Operators, and Tenders

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## Regions

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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

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## Timeframe

2019 - 2025

## Datarun

2019.1 – Employees

# Basic Welding - March 2019 in Western Technical College District

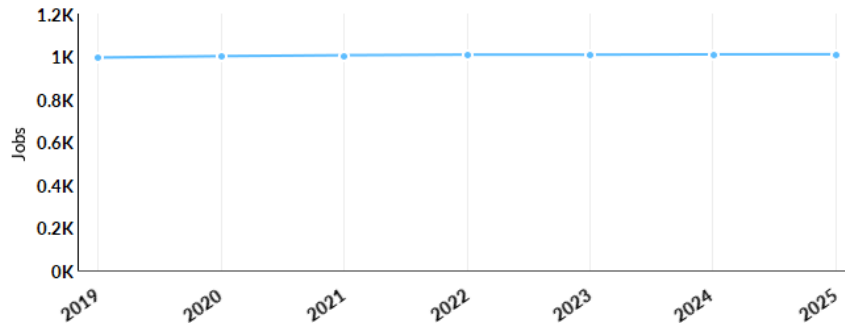
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# Occupation Summary for Basic Welding - March 2019

<b>994</b> Jobs (2019) 131% above National average	<b>1.6%</b> % Change (2019-2025) Nation: 4.3%	<b>\$18.95/hr</b> Median Hourly Earnings Nation: \$19.21/hr
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## Growth

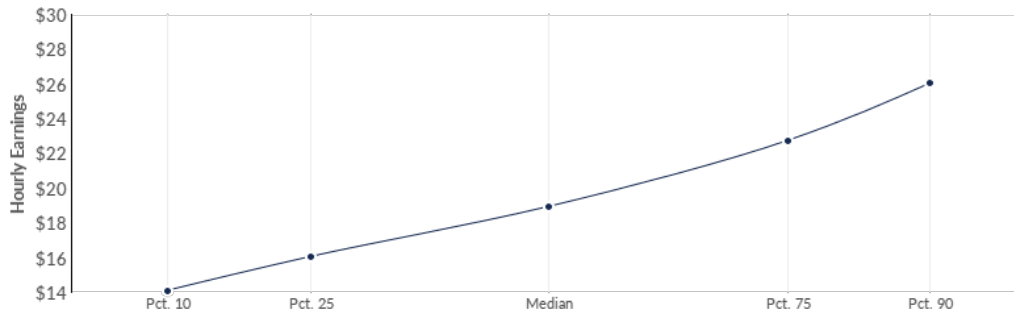
<b>994</b> 2019 Jobs	<b>1,010</b> 2025 Jobs	<b>16</b> Change (2019-2025)	<b>1.6%</b> % Change (2019-2025)
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Occupation	2019 Jobs	2025 Jobs	Change	% Change
Welders, Cutters, Solderers, and Brazers (51-4121)	877	893	16	2%
Welding, Soldering, and Brazing Machine Setters, Operators, and Tenders (51-4122)	117	117	0	0%

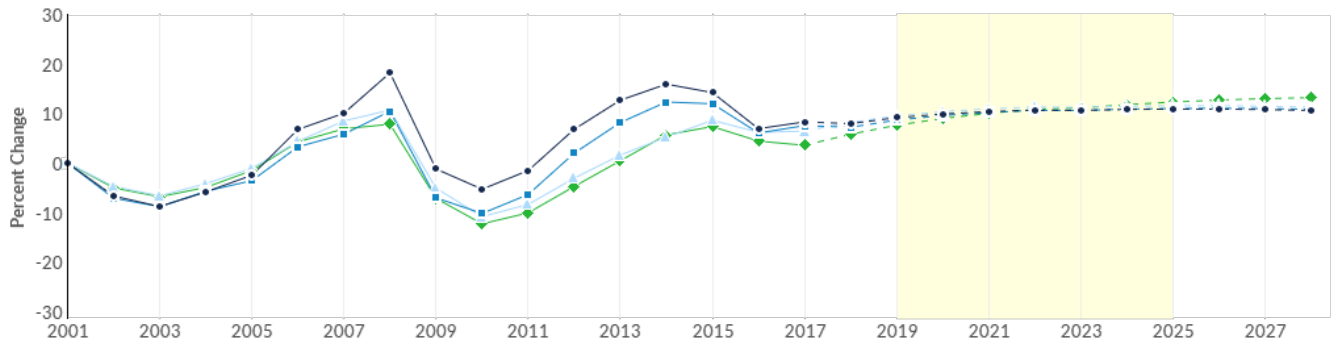
## Percentile Earnings

<b>\$16.06/hr</b> 25th Percentile Earnings	<b>\$18.95/hr</b> Median Earnings	<b>\$22.74/hr</b> 75th Percentile Earnings
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Occupation	25th Percentile Earnings	Median Earnings	75th Percentile Earnings
Welders, Cutters, Solderers, and Brazers (51-4121)	\$16.52	\$19.42	\$23.02
Welding, Soldering, and Brazing Machine Setters, Operators, and Tenders (51-4122)	\$13.51	\$15.74	\$18.51

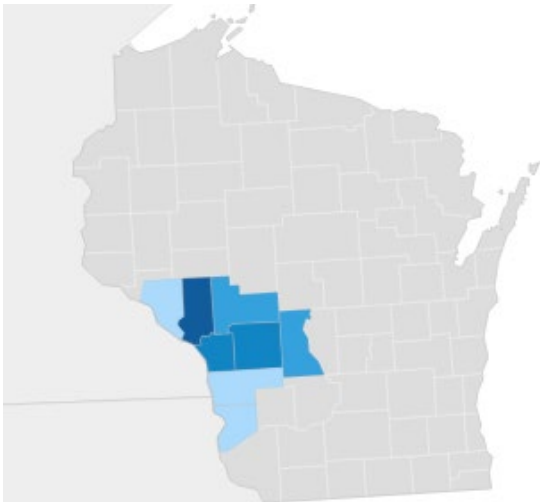
## Regional Trends



	Region	2019 Jobs	2025 Jobs	Change	% Change
●	Region	994	1,010	16	1.6%
●	7 Rivers Region	1,318	1,346	28	2.1%
●	State	15,569	15,862	293	1.9%
●	Nation	439,116	458,202	19,086	4.3%

# Regional Breakdown

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County	2025 Jobs
Trempealeau County, WI	282
La Crosse County, WI	238
Monroe County, WI	189
Juneau County, WI	162
Jackson County, WI	48

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## Job Postings Summary

<p><b>27</b></p> <p><b>Unique Postings</b></p> <p>159 Total Postings</p>	<p><b>6 : 1</b></p> <p><b>Posting Intensity</b></p> <p>Regional Average: 7 : 1</p> 	<p><b>40 days</b></p> <p><b>Median Posting Duration</b></p> <p>Regional Average: 37 days</p>
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There were **159** total job postings for your selection in January 2019, of which **27** were unique. These numbers give us a Posting Intensity of **6-to-1**, meaning that for every 6 postings there is 1 unique job posting. This is lower than the Posting Intensity for all other occupations and companies in the region (7-to-1), indicating that they may not be trying as hard to hire for this position.

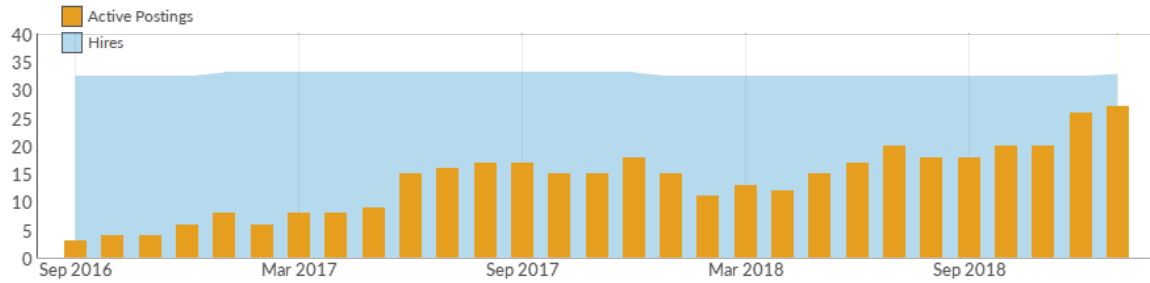
## Job Postings vs. Hires

**27**

**Avg. Monthly Postings (Jan 2019)**

**33**

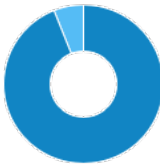
**Avg. Monthly Hires (Jan 2019)**



Occupation	Avg Monthly Postings (Jan 2019)	Avg Monthly Hires (Jan 2019)
Welders, Cutters, Solderers, and Brazers	26	30
Welding, Soldering, and Brazing Machine Setters, Operators, and Tenders	1	3

# Occupation Gender Breakdown

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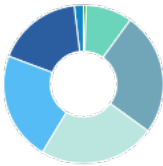


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	Gender	2018 Jobs	2018 Percent
•	Males	924	94.0% 
•	Females	59	6.0% 

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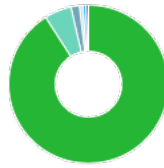
# Occupation Age Breakdown










	Age	2018 Jobs	2018 Percent
●	14-18	6	0.6%
●	19-24	92	9.4% ■
●	25-34	247	25.1% ■■
●	35-44	231	23.5% ■■
●	45-54	218	22.2% ■■
●	55-64	171	17.4% ■■
●	65+	18	1.9%

## Occupation Race/Ethnicity Breakdown

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	Race/Ethnicity	2018 Jobs	2018 Percent
●	White	895	91.0% 
●	Hispanic or Latino	54	5.5% 
●	Asian	17	1.7% 
●	American Indian or Alaska Native	7	0.7% 
●	Black or African American	6	0.6% 
●	Two or More Races	5	0.5% 
●	Native Hawaiian or Other Pacific Islander	0	0.0% 

## Occupational Programs

<b>1</b>			<b>80</b>			<b>115</b>		
Programs (2017)			Completions (2017)			Openings (2017)		
CIP Code	Program							Completions (2017)
48.0508	Welding Technology/Welder							80

## Industries Employing Basic Welding - March 2019

Industry	Occupation Group Jobs in Industry (2018)	% of Occupation Group in Industry (2018)	% of Total Jobs in Industry (2018)
Air-Conditioning and Warm Air Heating Equipment and Commercial and Industrial Refrigeration Equipment Manufacturing	155	15.8%	9.0%
Upholstered Household Furniture Manufacturing	101	10.3%	2.6%
Sheet Metal Work Manufacturing	98	10.0%	19.4%
Metal Tank (Heavy Gauge) Manufacturing	70	7.1%	19.7%
Farm Machinery and Equipment Manufacturing	67	6.8%	11.8%

# 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.

## Emsi Job Postings

Job postings are collected from various sources and processed/enriched to provide information such as standardized company name, occupation, skills, and geography.

## 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: Iowa Workforce Development; Minnesota Department of Employment and Economic Development; Wisconsin Department of Workforce Development, Bureau of Workforce Information