

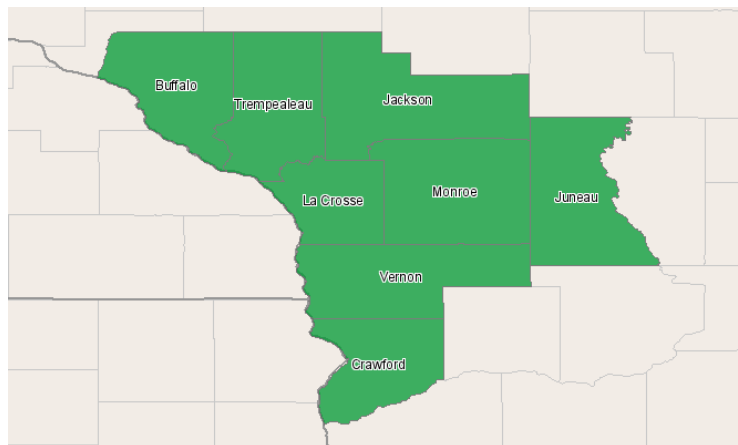
# Western Technical College



400 Seventh Street  
La Crosse, Wisconsin 54601  
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## Occupation Report for ESIM Program August 28, 2012 2012 Third Quarter Data for 2013-2017 Projections

Western Technical College District



## Region Info

Name: Western Technical College District

Description: Western district counties

County Areas: Buffalo, Wisconsin (55011), Crawford, Wisconsin (55023), Jackson, Wisconsin (55053), Juneau, Wisconsin (55057), La Crosse, Wisconsin (55063), Monroe, Wisconsin (55081), Trempealeau, Wisconsin (55121), Vernon, Wisconsin (55123)

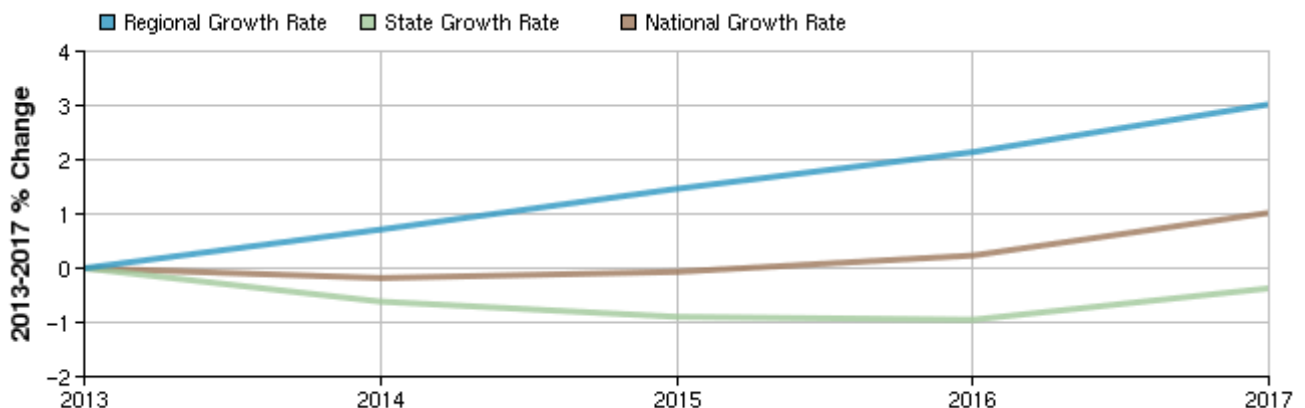
## Selected Occupations

Occupation	Education Level
Industrial Engineering Technicians (SOC 17-3026)	Associate's degree
Electricians (SOC 47-2111)	Long-term on-the-job training
First-Line Supervisors/Managers of Mechanics, Installers, and Repairers (SOC 49-1011)	Work experience in a related occupation
Computer, Automated Teller, and Office Machine Repairers (SOC 49-2011)	Postsecondary vocational award
Electrical and Electronics Repairers, Commercial and Industrial Equipment (SOC 49-2094)	Postsecondary vocational award
Electronic Home Entertainment Equipment Installers and Repairers (SOC 49-2097)	Postsecondary vocational award
Maintenance Workers, Machinery (SOC 49-9043)	Moderate-term on-the-job training

## Executive Summary

Basic Information	
2013 Occupational Jobs	1,375
2017 Occupational Jobs	1,416
Total Change	41
Total % Change	3.06%
Openings	192
2012 Median Hourly Earnings	\$21.56

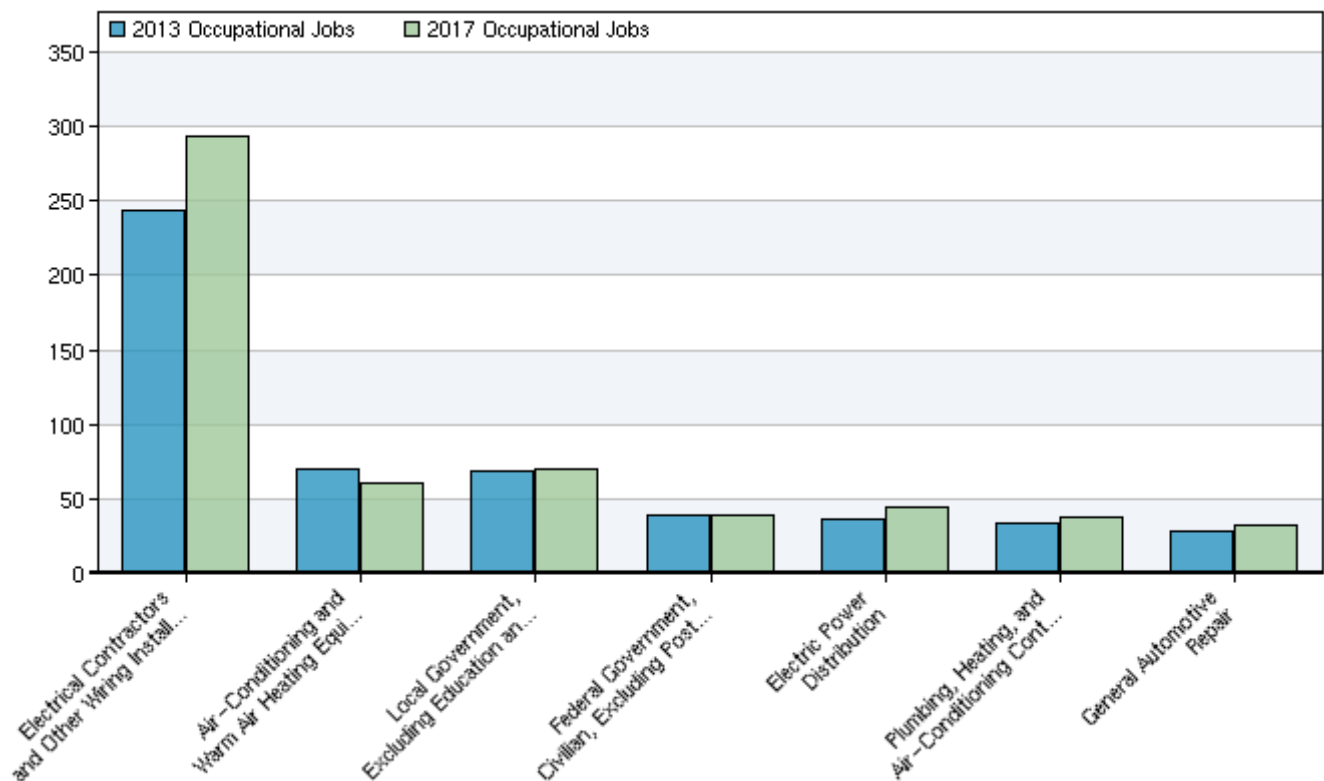
## Occupational Change Summary



Region	2013 Jobs	2017 Jobs	Change	% Change	Openings	2012 Median Hourly Earnings
Regional Total	1,375	1,416	41	3%	192	\$21.56
State Total	28,739	28,632	-107	0%	3,447	\$23.18
National Total	1,491,064	1,506,274	15,210	1%	186,797	\$22.70

Source: EMSI Complete Employment - 2012.2

## Top Industries for Selected Occupations

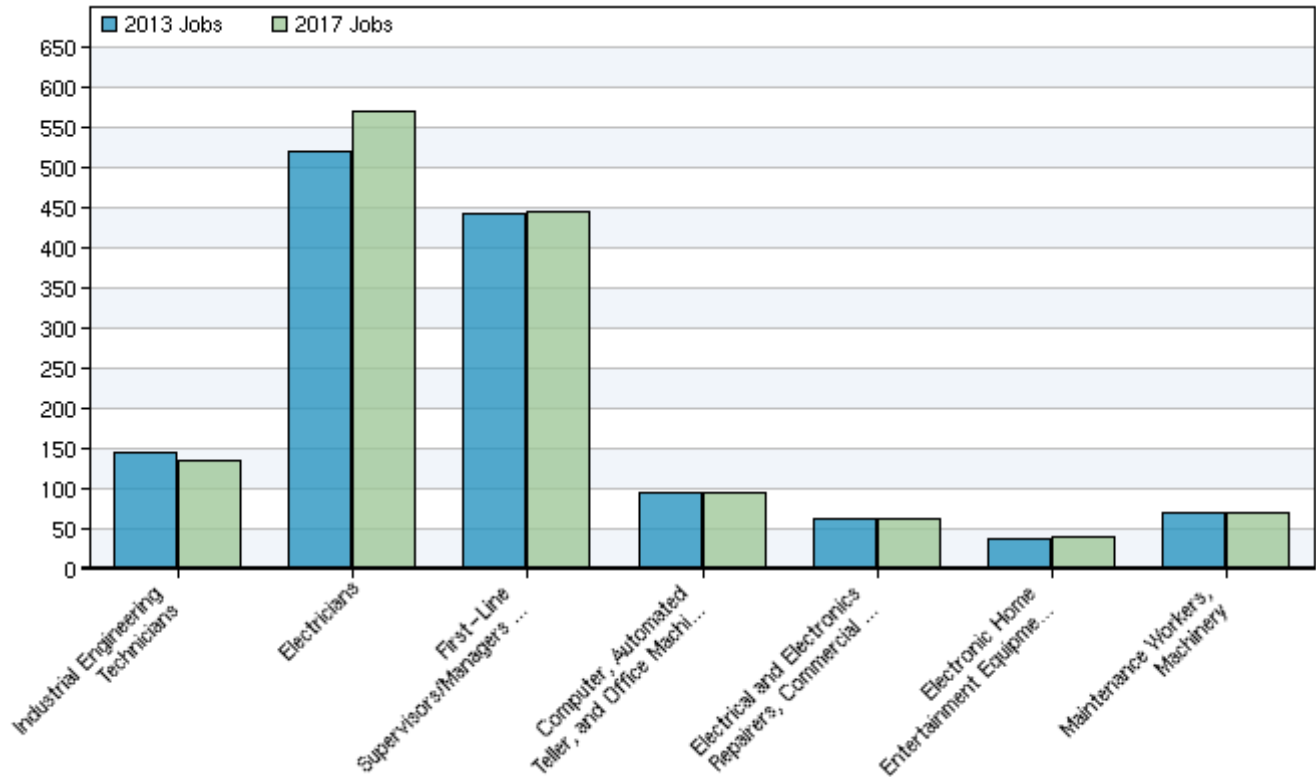


NAICS Code	Name	2013 Jobs	2017 Jobs	Change	% Change
238210	Electrical Contractors and Other Wiring Installation Contractors	244	294	50	20%
333415	Air-Conditioning and Warm Air Heating Equipment and Commercial and Industrial Refrigeration Equipment Manufacturing	70	61	-9	-13%
903999	Local Government, Excluding Education and Hospitals	69	70	1	1%
901199	Federal Government, Civilian, Excluding Postal	39	39	0	0%

NAICS Code	Name	2013 Jobs	2017 Jobs	Change	% Change
	Service				
221122	Electric Power Distribution	37	44	7	19%
238220	Plumbing, Heating, and Air-Conditioning Contractors	34	37	3	9%
811111	General Automotive Repair	29	32	3	10%

Source: EMSI Complete Employment - 2012.2

## Occupational Breakdown



SOC Code	Description	2013 Jobs	2017 Jobs	Openings	2012 Median Hourly Earnings
17-3026	Industrial Engineering Technicians	145	135	13	\$16.29
47-2111	Electricians	521	569	101	\$22.78
49-1011	First-Line Supervisors/Managers of Mechanics, Installers, and Repairers	442	446	52	\$24.85
49-2011	Computer, Automated Teller, and Office Machine Repairers	95	94	11	\$17.57
49-2094	Electrical and Electronics Repairers, Commercial and Industrial Equipment	63	62	6	\$18.18
49-2097	Electronic Home Entertainment Equipment Installers and Repairers	37	39	4	\$11.75
49-9043	Maintenance Workers, Machinery	71	71	5	\$17.02
	Total	1,375	1,416	192	\$21.56

SOC Code	Description	2013 Jobs	2017 Jobs	Openings	2012 Median Hourly Earnings

Source: EMSI Complete Employment - 2012.2

## Data Sources and Calculations

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### Industry Data

In order to capture a complete picture of industry employment, EMSI basically combines covered employment data from Quarterly Census of Employment and Wages (QCEW) produced by the Department of Labor with total employment data in Regional Economic Information System (REIS) published by the Bureau of Economic Analysis (BEA), augmented with County Business Patterns (CBP) and Nonemployer Statistics (NES) published by the U.S. Census Bureau. Projections are based on the latest available EMSI industry data, 15-year past local trends in each industry, growth rates in statewide and (where available) sub-state area industry projections published by individual state agencies, and (in part) growth rates in national projections from the Bureau of Labor Statistics.

### Occupation Data

Organizing regional employment information by occupation provides a workforce-oriented view of the regional economy. EMSI's occupation data are based on EMSI's industry data and regional staffing patterns taken from the Occupational Employment Statistics program (U.S. Bureau of Labor Statistics). Wage information is partially derived from the American Community Survey. The occupation-to-program (SOC-to-CIP) crosswalk is based on one from the U.S. Department of Education, with customizations by EMSI.

### State Data Sources

This report uses state data from the following agencies: Wisconsin Department of Workforce Development, Bureau of Workforce Information.