

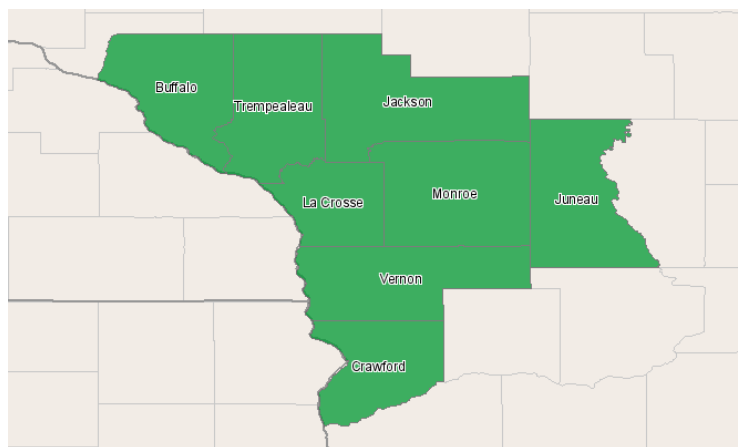
Western Technical College



400 Seventh Street
La Crosse, Wisconsin 54601
608.785.9200

IT Web and Software Developer Occupation Report April 26, 2012

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)

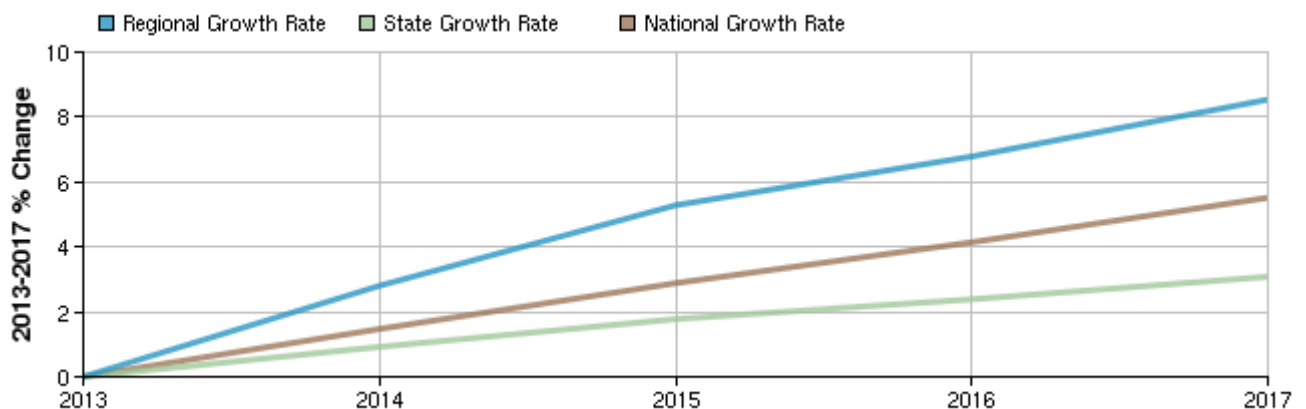
Selected Occupations

Occupation	Education Level
Computer programmers (SOC 15-1021)	Bachelor's degree
Computer software engineers, applications (SOC 15-1031)	Bachelor's degree
Computer software engineers, systems software (SOC 15-1032)	Bachelor's degree
Database administrators (SOC 15-1061)	Bachelor's degree
Computer specialists, all other (SOC 15-1099)	Associate's degree

Executive Summary

Basic Information	
2013 Occupational Jobs	874
2017 Occupational Jobs	949
Total Change	75
Total % Change	8.58%
Openings	122
2011 Median Hourly Earnings	\$27.25

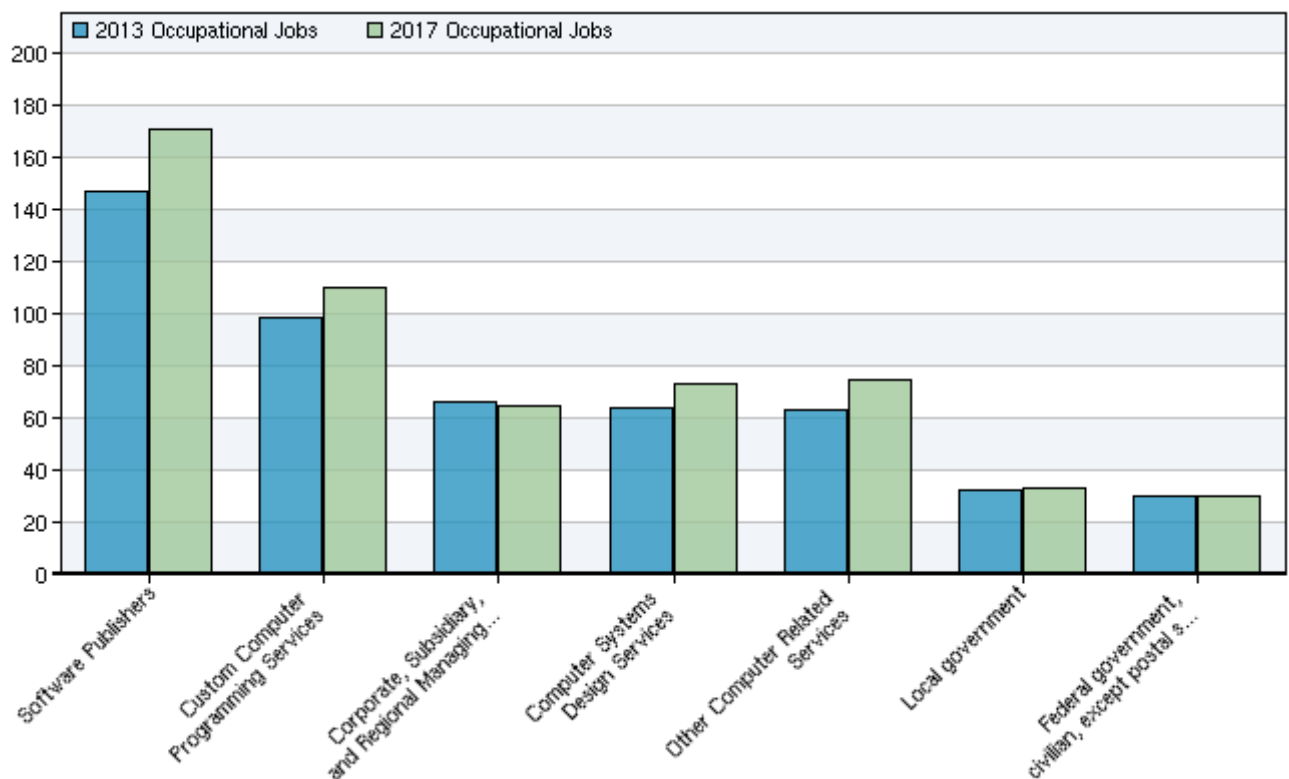
Occupational Change Summary



Region	2013 Jobs	2017 Jobs	Change	% Change	Openings	2011 Median Hourly Earnings
Regional Total	874	949	75	9%	122	\$27.25
State Total	25,837	26,633	796	3%	2,639	\$31.22
National Total	1,822,211	1,922,721	100,510	6%	207,334	\$37.09

Source: EMSI Complete Employment - 2011.4

Top Industries for Selected Occupations

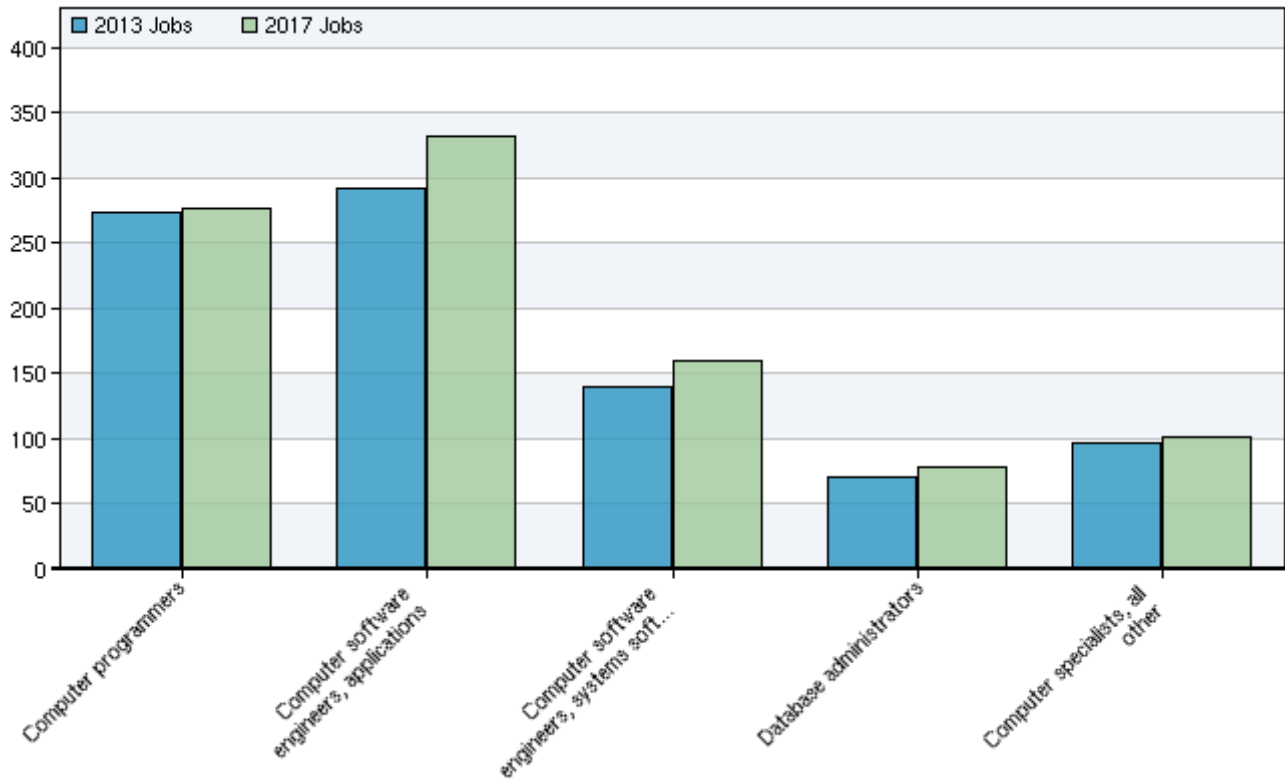


NAICS Code	Name	2013 Jobs	2017 Jobs	Change	% Change
511210	Software Publishers	147	170	23	16%
541511	Custom Computer Programming Services	98	110	12	12%
551114	Corporate, Subsidiary, and Regional Managing Offices	66	65	-1	-2%
541512	Computer Systems Design Services	64	73	9	14%
541519	Other Computer Related Services	63	75	12	19%
930000	Local government	33	33	0	0%

NAICS Code	Name	2013 Jobs	2017 Jobs	Change	% Change
911000	Federal government, civilian, except postal service	30	30	0	0%

Source: EMSI Complete Employment - 2011.4

Occupational Breakdown



SOC Code	Description	2013 Jobs	2017 Jobs	Openings	2011 Median Hourly Earnings
15-1021	Computer programmers	274	277	25	\$25.97
15-1031	Computer software engineers, applications	292	332	49	\$29.15
15-1032	Computer software engineers, systems software	140	160	24	\$29.22
15-1061	Database administrators	71	78	11	\$24.01
15-1099	Computer specialists, all other	97	102	13	\$25.12
	Total	874	949	122	\$27.25

Source: EMSI Complete Employment - 2011.4

Data Sources and Calculations

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.