

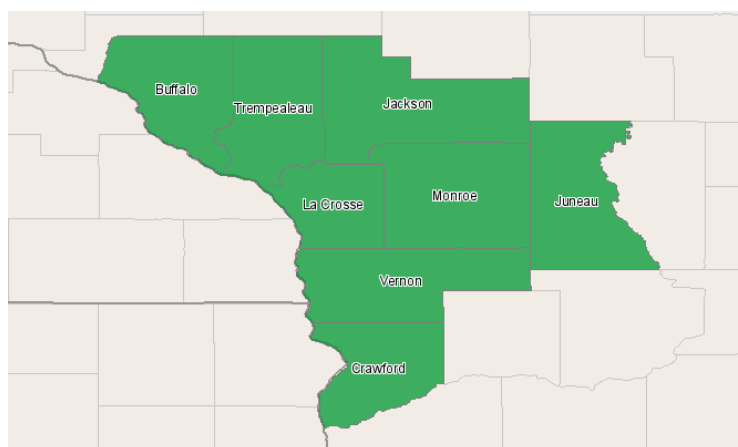
Western Technical College



400 Seventh Street
La Crosse, Wisconsin 54601
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Occupation Report for IT-Web & Software Developer 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)

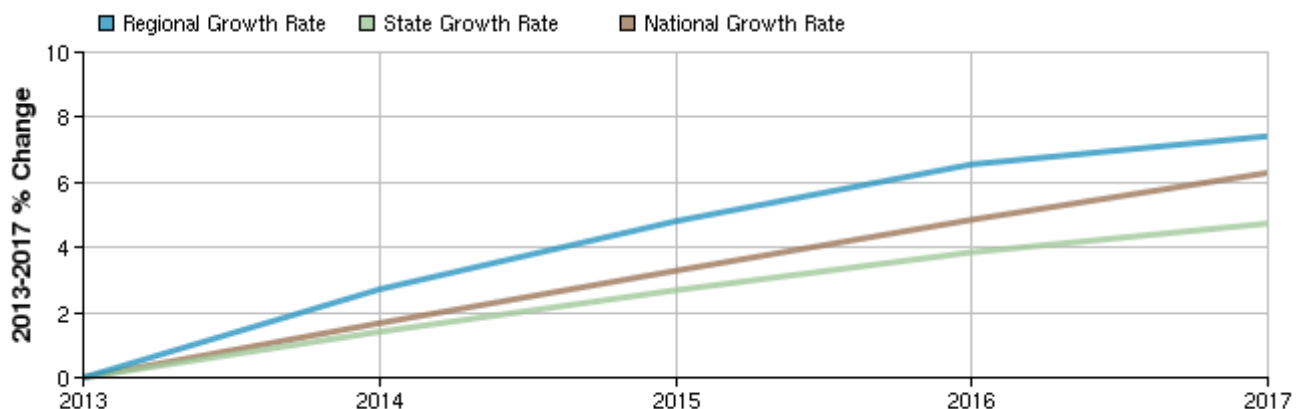
Selected Occupations

Occupation	Education Level
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	652
2017 Occupational Jobs	701
Total Change	49
Total % Change	7.51%
Openings	92
2012 Median Hourly Earnings	\$28.92

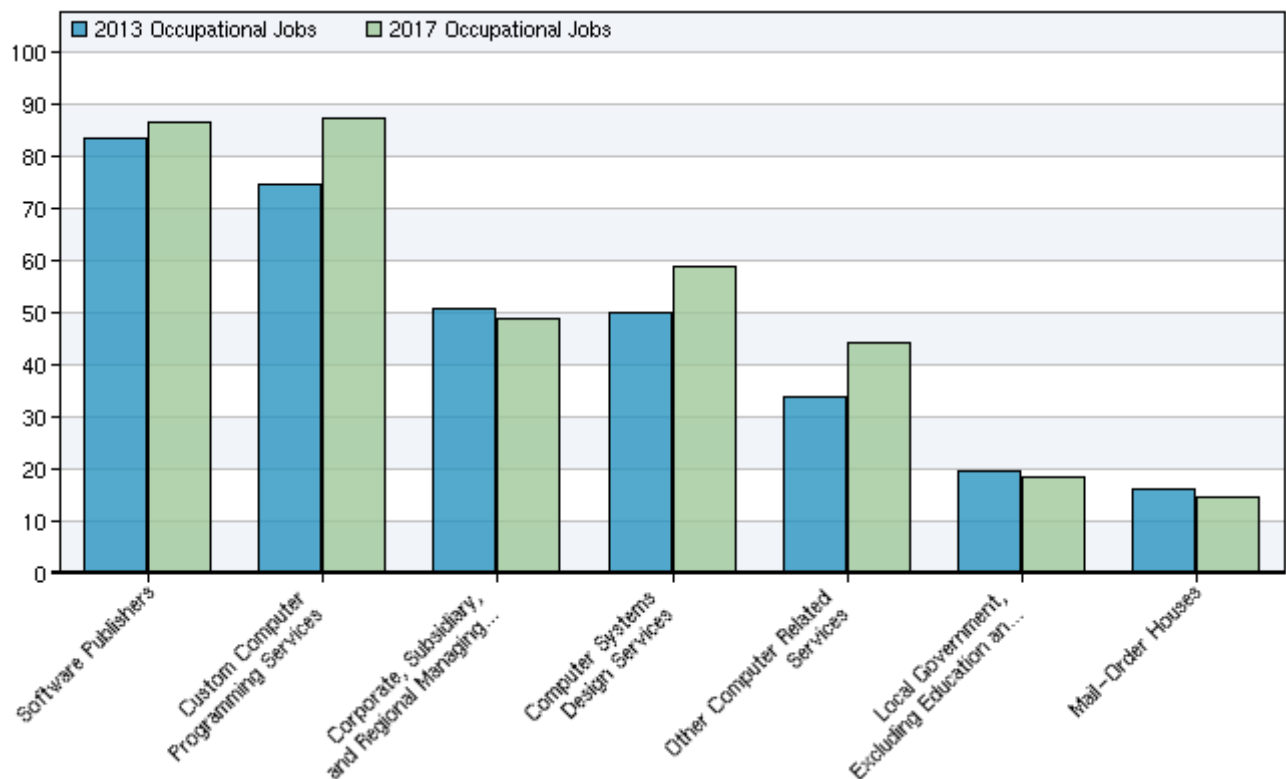
Occupational Change Summary



Region	2013 Jobs	2017 Jobs	Change	% Change	Openings	2012 Median Hourly Earnings
Regional Total	652	701	49	8%	92	\$28.92
State Total	26,488	27,742	1,254	5%	3,040	\$32.70
National Total	1,835,646	1,951,186	115,540	6%	225,432	\$38.90

Source: EMSI Complete Employment - 2012.2

Top Industries for Selected Occupations

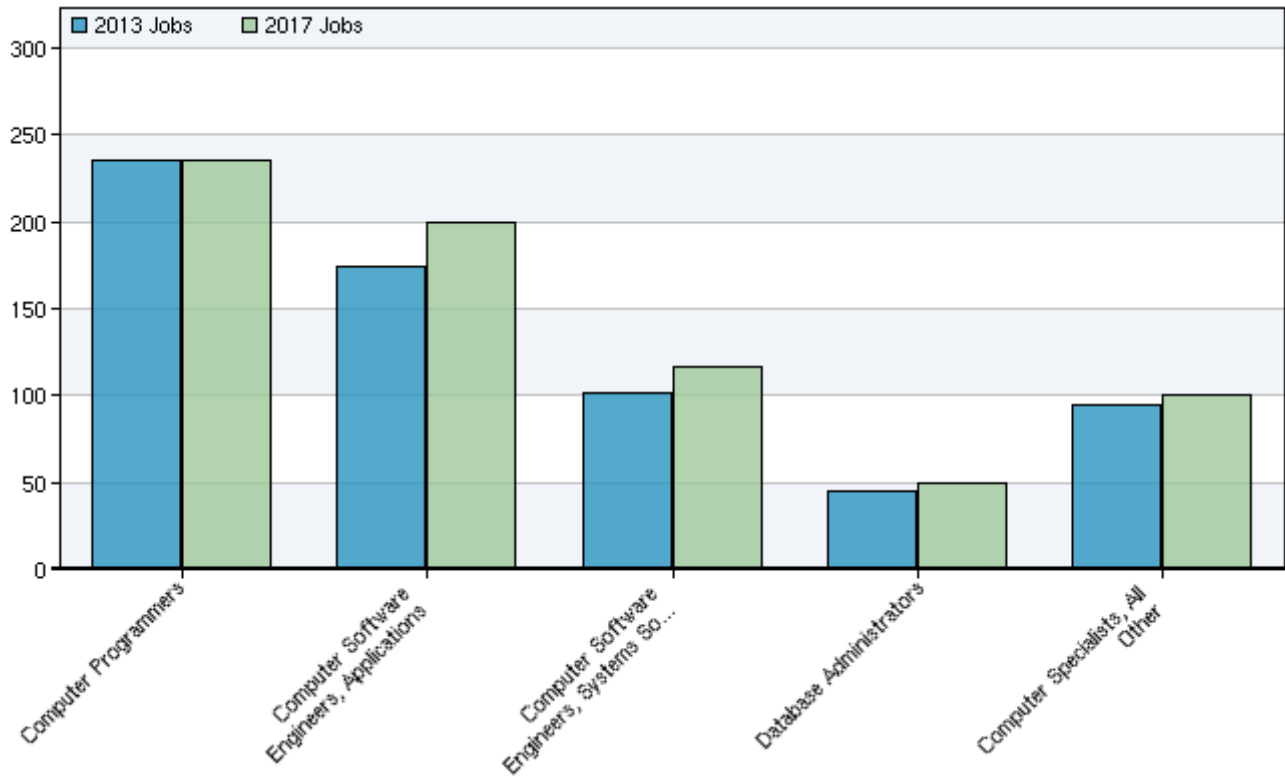


NAICS Code	Name	2013 Jobs	2017 Jobs	Change	% Change
511210	Software Publishers	83	87	4	5%
541511	Custom Computer Programming Services	75	87	12	16%
551114	Corporate, Subsidiary, and Regional Managing Offices	51	49	-2	-4%
541512	Computer Systems Design Services	50	59	9	18%
541519	Other Computer Related Services	34	44	10	29%
903999	Local Government, Excluding Education and Hospitals	20	18	-2	-10%

NAICS Code	Name	2013 Jobs	2017 Jobs	Change	% Change
454113	Mail-Order Houses	16	15	-1	-6%

Source: EMSI Complete Employment - 2012.2

Occupational Breakdown



SOC Code	Description	2013 Jobs	2017 Jobs	Openings	2012 Median Hourly Earnings
15-1021	Computer Programmers	236	235	21	\$25.86
15-1031	Computer Software Engineers, Applications	174	200	32	\$28.77
15-1032	Computer Software Engineers, Systems Software	102	117	19	\$35.92
15-1061	Database Administrators	45	49	7	\$23.97
15-1099	Computer Specialists, All Other	95	100	13	\$31.88
	Total	652	701	92	\$28.92

Source: EMSI Complete Employment - 2012.2

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.