

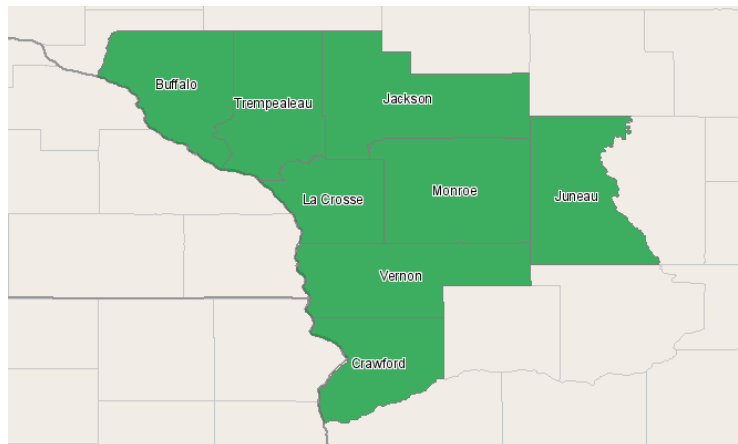
Western Technical College



400 Seventh Street
La Crosse, Wisconsin 54601
608.785.9200

Machine Tool Operation Occupation Report April 27, 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)

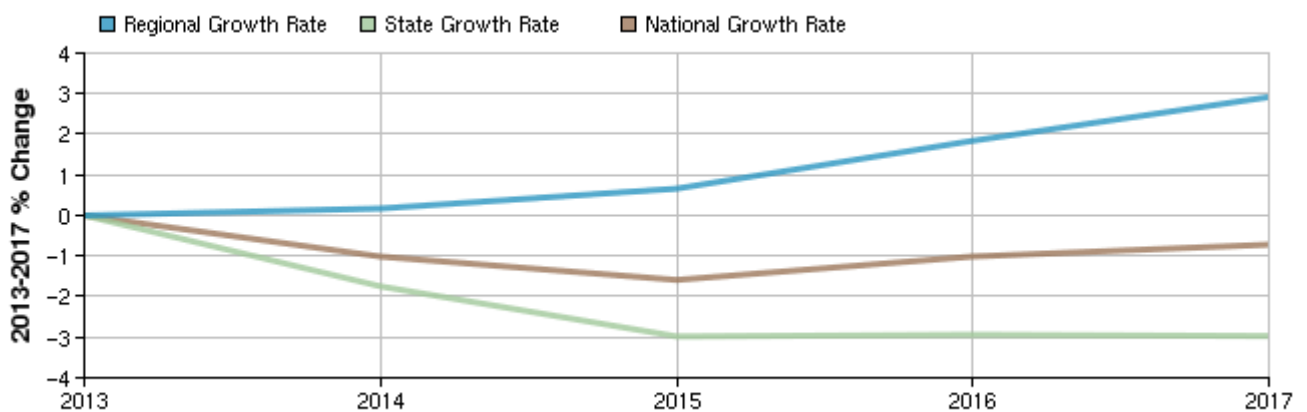
Selected Occupations

Occupation	Education Level
Grinding, lapping, polishing, and buffing machine tool setters, operators, and tenders, metal and plastic (SOC 51-4033)	Moderate-term on-the-job training
Machinists (SOC 51-4041)	Long-term on-the-job training
Tool and die makers (SOC 51-4111)	Long-term on-the-job training

Executive Summary

Basic Information	
2013 Occupational Jobs	1,032
2017 Occupational Jobs	1,062
Total Change	30
Total % Change	3.00%
Openings	96
2011 Median Hourly Earnings	\$18.23

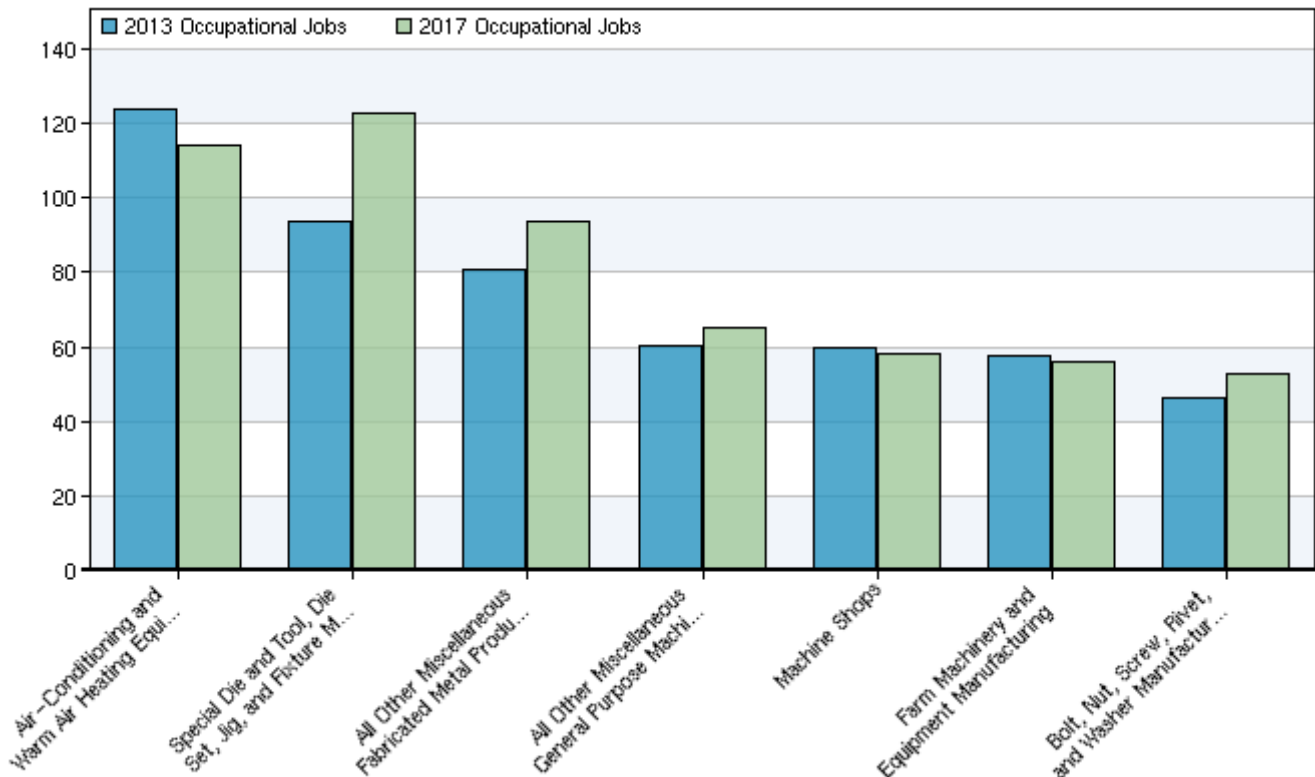
Occupational Change Summary



Region	2013 Jobs	2017 Jobs	Change	% Change	Openings	2011 Median Hourly Earnings
Regional Total	1,032	1,062	30	3%	96	\$18.23
State Total	24,370	23,646	-724	-3%	1,719	\$18.60
National Total	537,839	533,976	-3,863	-1%	40,594	\$18.23

Source: EMSI Complete Employment - 2011.4

Top Industries for Selected Occupations

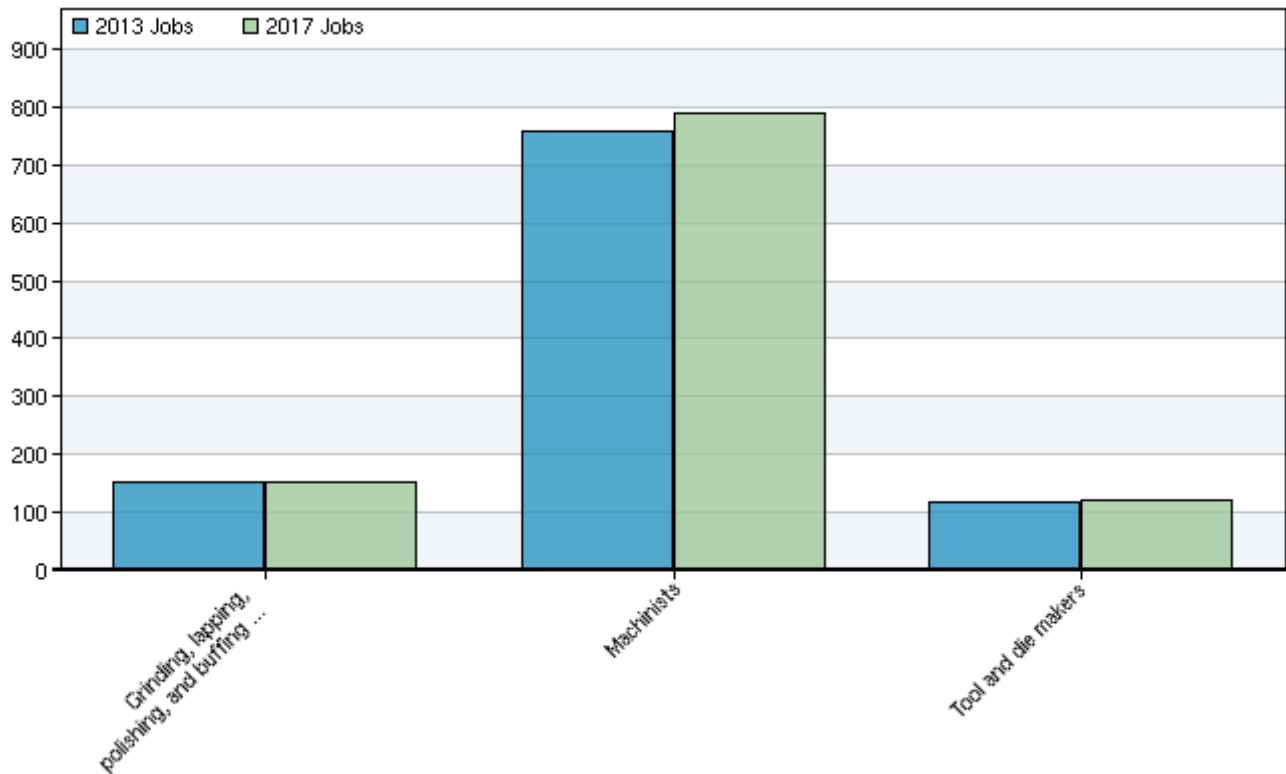


NAICS Code	Name	2013 Jobs	2017 Jobs	Change	% Change
333415	Air-Conditioning and Warm Air Heating Equipment and Commercial and Industrial Refrigeration Equipment Manufacturing	124	114	-10	-8%
333514	Special Die and Tool, Die Set, Jig, and Fixture Manufacturing	94	123	29	31%
332999	All Other Miscellaneous Fabricated Metal Product Manufacturing	81	94	13	16%
333999	All Other Miscellaneous General Purpose Machinery Manufacturing	60	65	5	8%
332710	Machine Shops	60	58	-2	-3%

NAICS Code	Name	2013 Jobs	2017 Jobs	Change	% Change
333111	Farm Machinery and Equipment Manufacturing	58	56	-2	-3%
332722	Bolt, Nut, Screw, Rivet, and Washer Manufacturing	46	53	7	15%

Source: EMSI Complete Employment - 2011.4

Occupational Breakdown



SOC Code	Description	2013 Jobs	2017 Jobs	Openings	2011 Median Hourly Earnings
51-4033	Grinding, lapping, polishing, and buffing machine tool setters, operators, and tenders, metal and plastic	154	151	13	\$14.46
51-4041	Machinists	760	790	73	\$18.53
51-4111	Tool and die makers	118	122	10	\$21.27
	Total	1,032	1,062	96	\$18.23

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.