

Electro-Mechanical Technology

Five Year Trend

Five Year Enrollment Change	117.4%		FY 2008 FTEs	14.96
Five Year FTEs Change	231.1%		FY 2009 FTEs	17.53
Five Year Graduate Change	200.0%		FY 2010 FTEs	27.03
FY 2007 Enrollee	23		FY 2011 FTEs	32.33
FY 2008 Enrollee	28		FY 2007 Graduate	3
FY 2009 Enrollee	28		FY 2008 Graduate	1
FY 2010 Enrollee	46		FY 2009 Graduate	6
FY 2011 Enrollee	50		FY 2010 Graduate	6
FY 2007 FTEs	9.76		FY 2011 Graduate	9

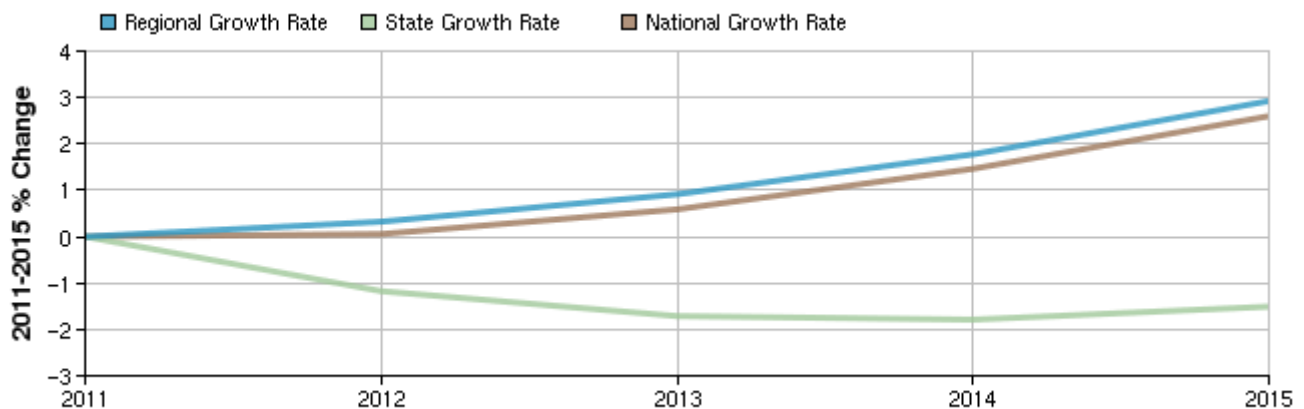
Selected Occupations

Occupation	Education Level
Industrial engineers (SOC 17-2112)	Bachelor's degree
Electro-mechanical technicians (SOC 17-3024)	Associate's degree
Electrical and electronics repairers, commercial and industrial equipment (SOC 49-2094)	Postsecondary vocational award
Industrial machinery mechanics (SOC 49-9041)	Long-term on-the-job training

Executive Summary

Basic Information	
2011 Occupational Jobs	549
2015 Occupational Jobs	565
Total Change	16
Total % Change	3.10%
Openings	64
2011 Median Hourly Earnings	\$24.60

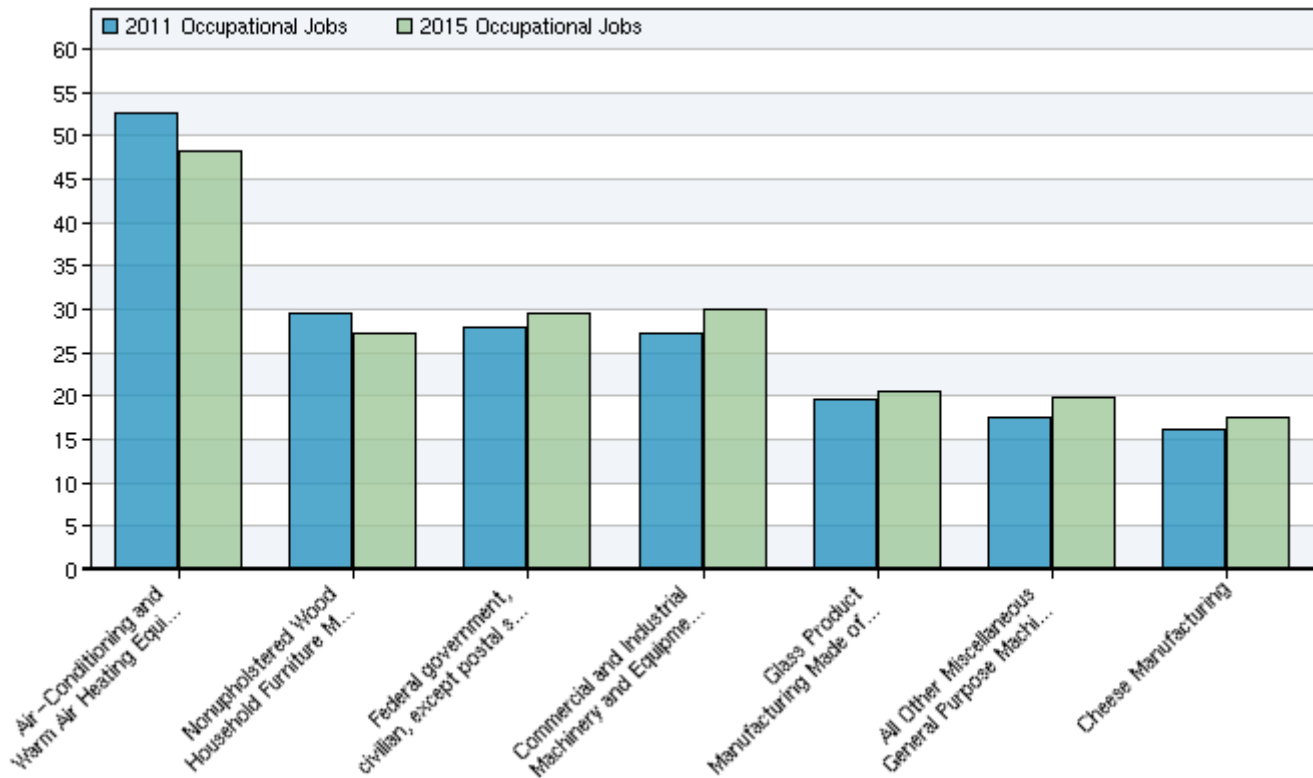
Occupational Change Summary



Region	2011 Jobs	2015 Jobs	Change	% Change	Openings	2011 Median Hourly Earnings
Regional Total	549	565	16	3%	64	\$24.60
State Total	15,975	15,734	-241	-2%	1,560	\$26.11
National Total	599,736	615,322	15,586	3%	72,501	\$27.05

Source: EMSI Complete Employment - 2011.3

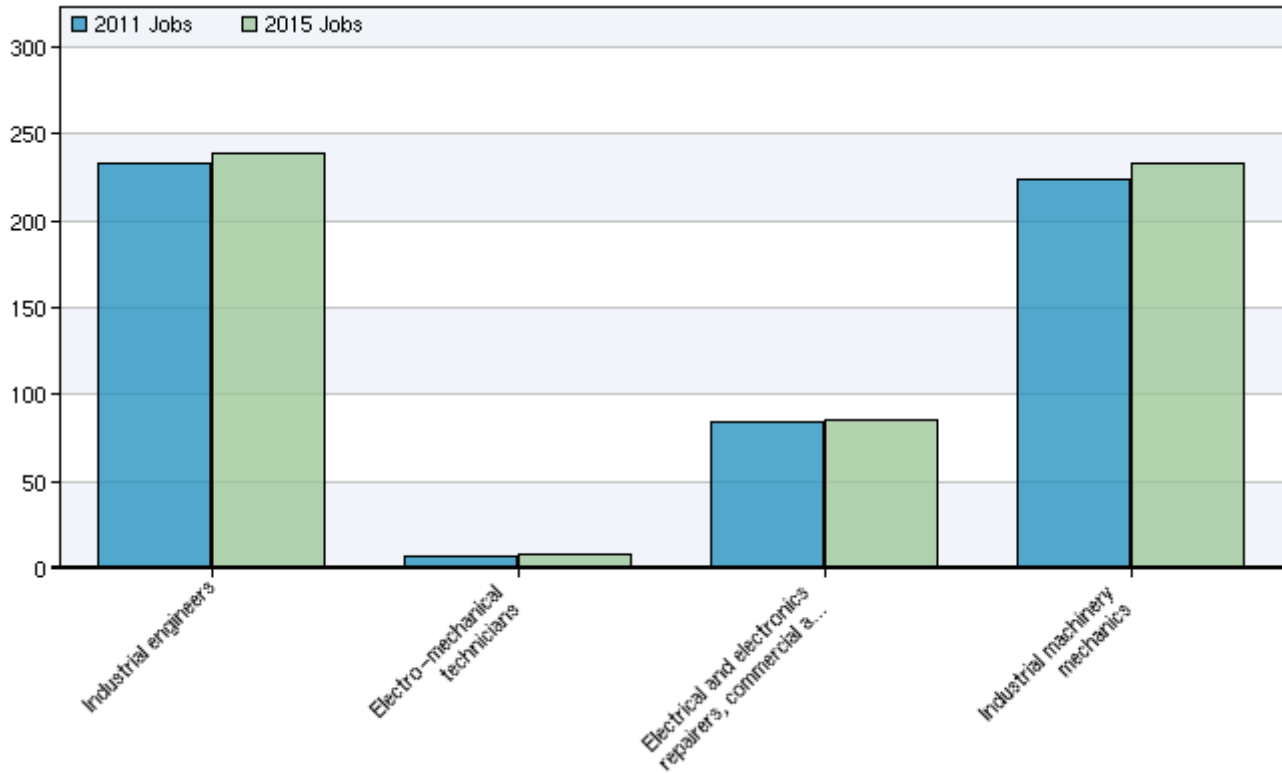
Top Industries for Selected Occupations



NAICS Code	Name	2011 Jobs	2015 Jobs	Change	% Change
333415	Air-Conditioning and Warm Air Heating Equipment and Commercial and Industrial Refrigeration Equipment Manufacturing	53	48	-5	-9%
337122	No upholstered Wood Household Furniture Manufacturing	29	27	-2	-7%
911000	Federal government, civilian, except postal service	28	30	2	7%
811310	Commercial and Industrial Machinery and Equipment (except Automotive and Electronic) Repair and Maintenance	27	30	3	11%
327215	Glass Product Manufacturing Made of Purchased Glass	20	21	1	5%
333999	All Other Miscellaneous General Purpose Machinery Manufacturing	18	20	2	11%
311513	Cheese Manufacturing	16	17	1	6%

Source: EMSI Complete Employment - 2011.3

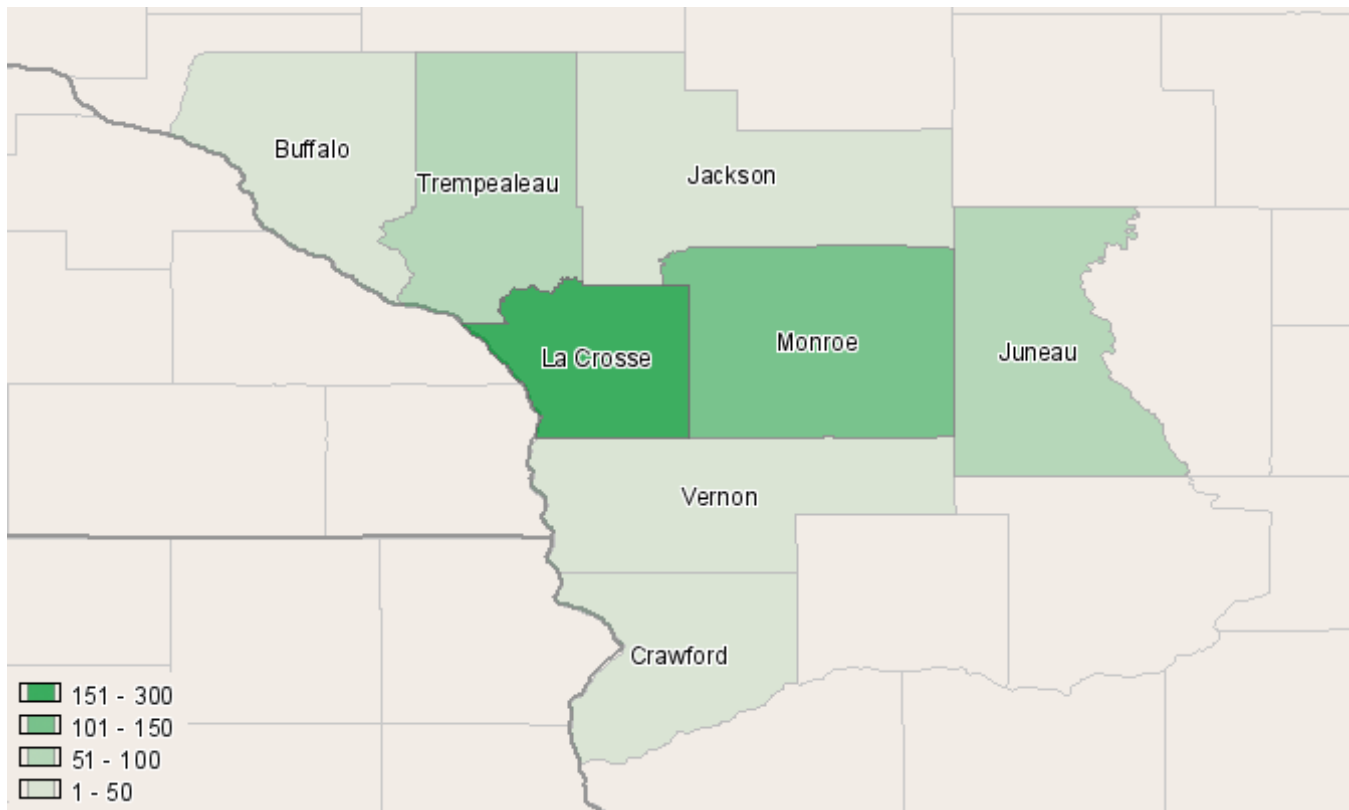
Occupational Breakdown



SOC Code	Description	2011 Jobs	2015 Jobs	Openings	2011 Median Hourly Earnings
17-2112	Industrial engineers	233	239	33	\$32.46
17-3024	Electro-mechanical technicians	<10	<10	--	--
49-2094	Electrical and electronics repairers, commercial and industrial equipment	84	85	8	\$19.70
49-9041	Industrial machinery mechanics	224	233	22	\$18.39
	Total	549	565	64	\$24.60

Source: EMSI Complete Employment - 2011.3

Occupation Distribution



County	2011 Jobs
La Crosse, WI (55063)	201
Monroe, WI (55081)	114
Trempealeau, WI (55121)	79
Juneau, WI (55057)	51
Crawford, WI (55023)	37
Jackson, WI (55053)	27
Vernon, WI (55123)	24
Buffalo, WI (55011)	17

Source: EMSI Complete Employment - 2011.3

Three Year Graduate Employers

Electro-Mechanical Technology

2007-2008

Graduates	1
Graduates Responding	1
Employed in Related Occupations	0
Employed in Non-Related Occupations	0
Seeking Employment	0
Not in Labor Market	1

2007-2008

Graduates	1
Graduates Responding	1
Employed in Related Occupations	0
Employed in Non-Related Occupations	0
Seeking Employment	0
Not in Labor Market	1

2009-2010

Graduates	9
Graduates Responding	7
Employed in Related Occupations	5
Employed in Non-Related Occupations	2
Seeking Employment	0
Not in Labor Market	0
Continuing Education	0

Electrical Plumber Technician	Inland, La Crosse, WI
Electronics Technician	Reconyx, Inc, Holmen, WI
Industrial Electrician	Voltmer Electric, Decorah, IA
Installer	Energy Performance Specialists, McFarland, WI
Maintenance	Mcloone, La Crosse, WI

Region Information

Region: 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)

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 Non-employer 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.

Occupational 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