

# Occupation Overview

EMSI Q2 2015 Data Set

Medical Lab Tech  
October 2015

## Western Technical College



400 Seventh Street  
La Crosse, Wisconsin 54601  
608.785.9200

# Parameters

## Occupations

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Code	Description
29-2012	Medical and Clinical Laboratory Technicians

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## Regions

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Code	Description
55011	Buffalo County, WI
55023	Crawford County, WI
55053	Jackson County, WI
55057	Juneau County, WI
55063	La Crosse County, WI
55081	Monroe County, WI
55121	Trempealeau County, WI
55123	Vernon County, WI

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## Timeframe

2016 - 2020

## Datarun

2015.2 – Employees

## Medical Lab Tech 2015 (AED) in 8 Counties

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**Medical and Clinical Laboratory Technicians (SOC 29-2012):** Perform routine medical laboratory tests for the diagnosis, treatment, and prevention of disease. May work under the supervision of a medical technologist.

**Sample of Reported Job Titles:** Medical Laboratory Technician (MLT) Laboratory Technician Phlebotomist Medical Technician Medical Laboratory Technicians (Medical Lab Technician) Medical Laboratory Technician (Medical Lab Tech) Laboratory Supervisor Laboratory Assistant (Lab Assistant) Clinical Laboratory Technician (Clinical Lab Technician) Clinical Laboratory Scientist

**Related O\*NET Occupation:** Medical and Clinical Laboratory Technicians (29-2012.00)

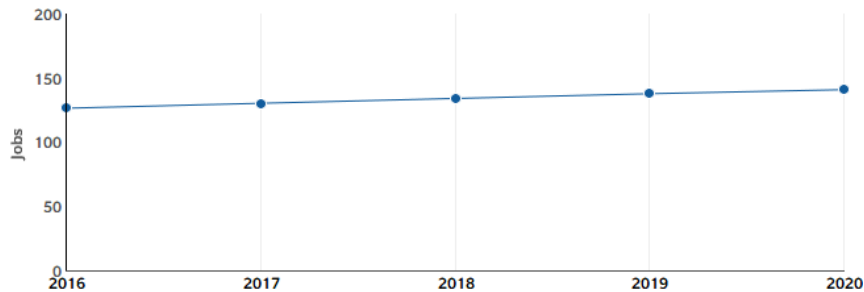
SOC	Description	2016 Jobs	2020 Jobs	2016 - 2020 Change	2016 - 2020 % Change	Openings	Annual Openings	Median Hourly Earnings
29-2012	Medical and Clinical Laboratory Technicians	127	141	14	11%	29	7	\$17.76

### Occupation Summary for Medical Lab Tech 2015 (AED)

<b>123</b> Jobs (2015) 26% below National average	<b>11.4%</b> % Change (2016-2020) Nation: 9.4%	<b>\$17.76/hr</b> Median Hourly Earnings Nation: \$18.45/hr
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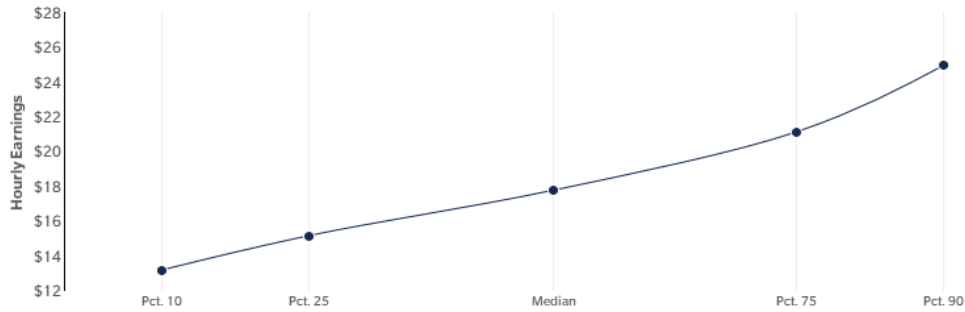
### Growth for Medical and Clinical Laboratory Technicians (29-2012)

<b>127</b> 2016 Jobs	<b>141</b> 2020 Jobs	<b>14</b> Change (2016-2020)	<b>11.4%</b> % Change (2016-2020)
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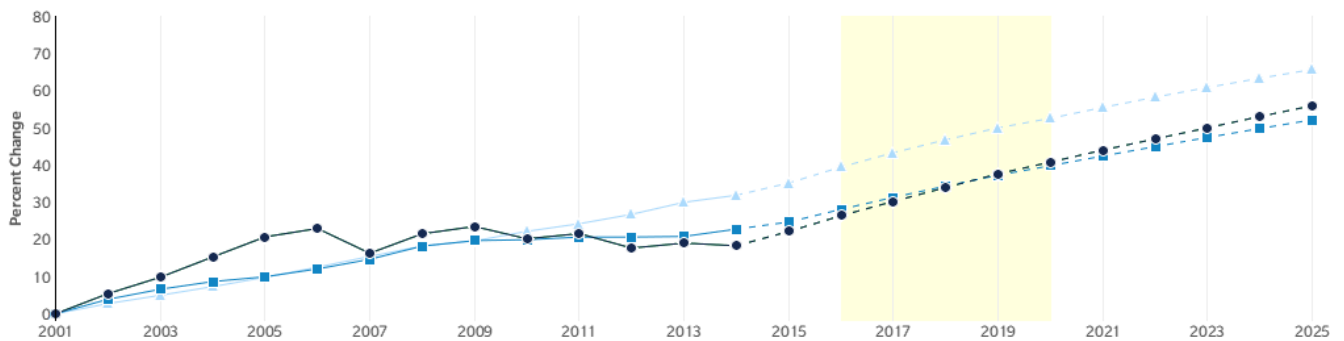


# Percentile Earnings for Medical and Clinical Laboratory Technicians (29-2012)

<b>\$15.15/hr</b> 25th Percentile Earnings	<b>\$17.76/hr</b> Median Earnings	<b>\$21.13/hr</b> 75th Percentile Earnings
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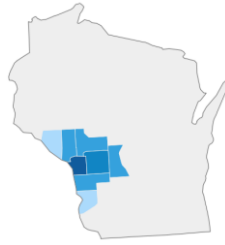


## Regional Trends



	Region	2016 Jobs	2020 Jobs	Change	% Change
●	Region	127	141	14	11.0%
●	State	2,855	3,116	261	9.1%
●	Nation	169,921	185,880	15,959	9.4%
●	Western Technical College District	127	141	14	11.0%

## Regional Breakdown



County	2020 Jobs
La Crosse County, WI	75
Monroe County, WI	22
Vernon County, WI	11
Trempealeau County, WI	11
Jackson County, WI	<10

## Occupation Gender Breakdown



Gender	2015 Jobs	2015 Percent
Males	30	24.4%
Females	93	75.6%

## Occupation Age Breakdown



	Age	2015 Jobs	2015 Percent
●	14-18	0	0.2%
●	19-24	9	7.0% ■
●	25-34	27	22.0% ■■
●	35-44	23	19.0% ■■
●	45-54	31	25.3% ■■■
●	55-64	28	23.2% ■■■
●	65+	4	3.4% ■

## Occupation Race/Ethnicity Breakdown



	Race/Ethnicity	2015 Jobs	2015 Percent
●	White	115	93.8% ■■■■■
●	Asian	4	3.2% ■
●	Black or African American	2	1.3%
●	Hispanic or Latino	1	0.9%
●	Two or More Races	1	0.5%
●	American Indian or Alaska Native	0	0.3%
●	Native Hawaiian or Other Pacific Islander	0	0.0%

## National Educational Attainment



	Education Level	2015 Percent
●	Less than high school diploma	1.0%
●	High school diploma or equivalent	10.9%
●	Some college, no degree	18.6%
●	Associate's degree	17.1%
●	Bachelor's degree	44.1%
●	Master's degree	5.5%
●	Doctoral or professional degree	2.7%

## Occupational Programs

	1 Programs (2014)	6 Completions (2014)	7 Openings (2014)
<b>CIP Code</b>	<b>Program</b>	<b>Completions (2014)</b>	
51.1004	Clinical/Medical Laboratory Technician	6	

## Industries Employing Medical Lab Tech 2015 (AED)

Industry	Occupation Jobs in Industry (2015)	% of Occupation in Industry (2015)	% of Total Jobs in Industry (2015)
General Medical and Surgical Hospitals	83	67.8%	0.9%
Offices of Physicians (except Mental Health Specialists)	17	13.9%	0.8%
Federal Government, Civilian, Excluding Postal Service	<10	6.4%	0.2%
Blood and Organ Banks	<10	1.7%	4.4%
Offices of Physicians, Mental Health Specialists	<10	1.3%	0.6%

# Appendix A - Data Sources and Calculations

## Occupation Data

EMSI occupation employment data are based on final EMSI industry data and final EMSI staffing patterns. Wage estimates are based on Occupational Employment Statistics (QCEW and Non-QCEW Employees classes of worker) and the American Community Survey (Self-Employed and Extended Proprietors). Occupational wage estimates also affected by county-level EMSI earnings by industry.

## Location Quotient

Location quotient (LQ) is a way of quantifying how concentrated a particular industry, cluster, occupation, or demographic group is in a region as compared to the nation. It can reveal what makes a particular region unique in comparison to the national average.

## Institution Data

The institution data in this report is taken directly from the national IPEDS database published by the U.S. Department of Education's National Center for Education Statistics.

## Completers Data

The completers data in this report is taken directly from the national IPEDS database published by the U.S. Department of Education's National Center for Education Statistics.

## Staffing Patterns Data

The staffing pattern data in this report are compiled from several sources using a specialized process. For QCEW and Non-QCEW Employees classes of worker, sources include Occupational Employment Statistics, the National Industry-Occupation Employment Matrix, and the American Community Survey. For the Self-Employed and Extended Proprietors classes of worker, the primary source is the American Community Survey, with a small amount of information from Occupational Employment Statistics.

## Industry Data

EMSI industry data have various sources depending on the class of worker. (1) For QCEW Employees, EMSI primarily uses the QCEW (Quarterly Census of Employment and Wages), with supplemental estimates from County Business Patterns and Current Employment Statistics. (2) Non-QCEW employees data are based on a number of sources including QCEW, Current Employment Statistics, County Business Patterns, BEA State and Local Personal Income reports, the National Industry-Occupation Employment Matrix (NIOEM), the American Community Survey, and Railroad Retirement Board statistics. (3) Self-Employed and Extended Proprietor classes of worker data are primarily based on the American Community Survey, Nonemployer Statistics, and BEA State and Local Personal Income Reports. Projections for QCEW and Non-QCEW Employees are informed by NIOEM and long-term industry projections published by individual states.

## State Data Sources

This report uses state data from the following agencies: Illinois Department of Employment Security, Employment Projections; Iowa Workforce Development; Michigan Department of Labor and Economic Growth, Bureau of Labor Market Information and Strategic Initiatives; Minnesota Department of Employment and Economic Development; Wisconsin Department of Workforce Development, Bureau of Workforce Information