

# Medical Lab Technician Occupation Overview

Emsi Q1 2018 Data Set

March 2018

## 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
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

2019 - 2023

## Datarun

2018.1 – QCEW Employees, Non-QCEW Employees, and Self-Employed

## HPS 105131 MLTC in Western District

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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:** Specimen Processor Medical Laboratory Technician (MLT) Laboratory Technician 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

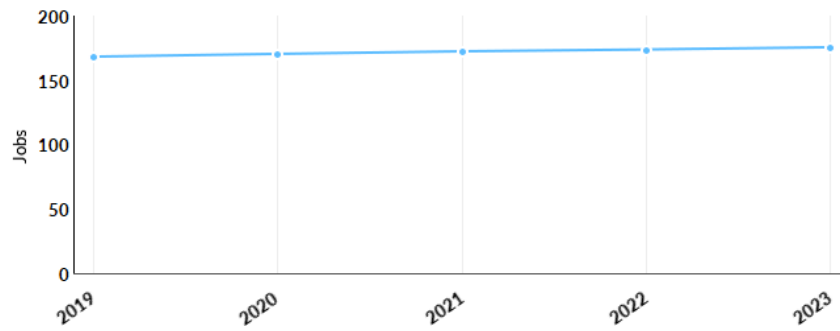
**Related O\*NET Occupation:** Medical and Clinical Laboratory Technicians (29-2012.00)

## Occupation Summary for HPS 105131 MLTC

<b>168</b> Jobs (2019) 5% above National average	<b>4.2%</b> % Change (2019-2023) Nation: 6.5%	<b>\$20.20/hr</b> Median Hourly Earnings Nation: \$18.73/hr
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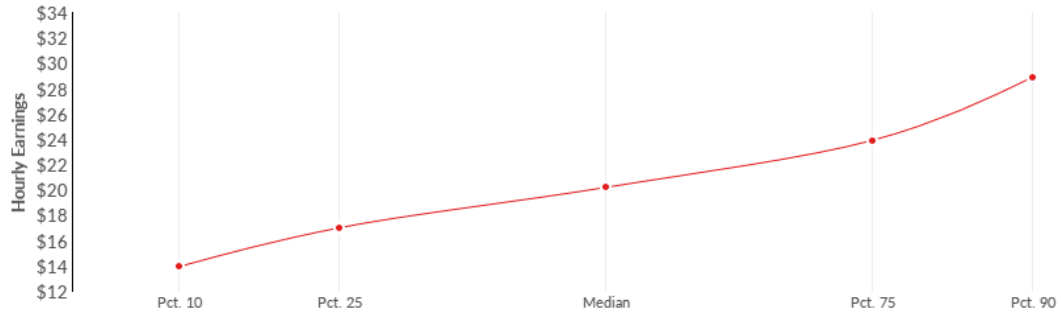
## Growth for Medical and Clinical Laboratory Technicians (29-2012)

<b>168</b> 2019 Jobs	<b>175</b> 2023 Jobs	<b>7</b> Change (2019-2023)	<b>4.2%</b> % Change (2019-2023)
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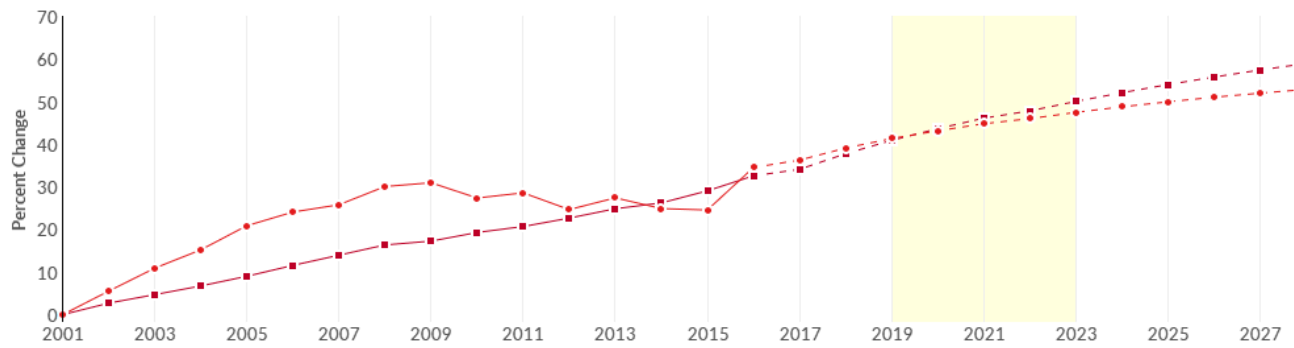


# Percentile Earnings for Medical and Clinical Laboratory Technicians (29-2012)

<b>\$17.01/hr</b> 25th Percentile Earnings	<b>\$20.20/hr</b> Median Earnings	<b>\$23.91/hr</b> 75th Percentile Earnings
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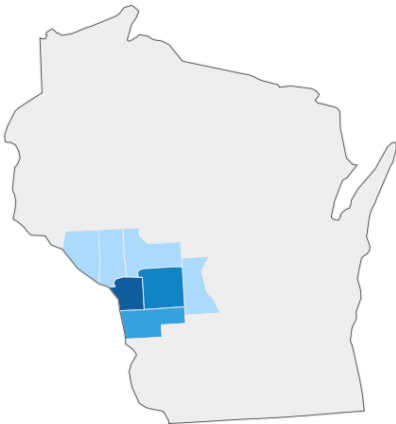
## Regional Trends



	Region	2019 Jobs	2023 Jobs	Change	% Change
●	Region	168	175	7	4.2%
●	Nation	171,666	182,803	11,137	6.5%

# Regional Breakdown

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County	2023 Jobs
La Crosse County, WI	114
Monroe County, WI	25
Vernon County, WI	12
Juneau County, WI	<10
Jackson County, WI	<10

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# Occupation Gender Breakdown

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	Gender	2017 Jobs	2017 Percent
●	Males	37	23.1% 
●	Females	125	76.9% 

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# Occupation Age Breakdown



	Age	2017 Jobs	2017 Percent
●	14-18	0	0.1%
●	19-24	12	7.3% ■
●	25-34	37	22.5% ■■
●	35-44	31	19.2% ■■
●	45-54	37	23.1% ■■
●	55-64	39	23.8% ■■
●	65+	6	3.8% ■

## Occupation Race/Ethnicity Breakdown

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	Race/Ethnicity	2017 Jobs	2017 Percent
●	White	150	92.3% 
●	Asian	7	4.2% 
●	Black or African American	2	1.5% 
●	Hispanic or Latino	2	1.1% 
●	Two or More Races	1	0.6% 
●	American Indian or Alaska Native	0	0.2% 
●	Native Hawaiian or Other Pacific Islander	0	0.0% 

## Occupational Programs

<b>1</b>	<b>10</b>	<b>12</b>
Programs (2016)	Completions (2016)	Openings (2016)
CIP Code	Program	Completions (2016)
51.1004	Clinical/Medical Laboratory Technician	10

# National Educational Attainment



	Education Level	2017 Percent
•	Less than high school diploma	1.4%
•	High school diploma or equivalent	10.5%
•	Some college, no degree	20.0%
•	Associate's degree	19.3%
•	Bachelor's degree	39.0%
•	Master's degree	7.1%
•	Doctoral or professional degree	2.8%

## Industries Employing HPS 105131 MLTC

Industry	Occupation Jobs in Industry (2017)	% of Occupation in Industry (2017)	% of Total Jobs in Industry (2017)
General Medical and Surgical Hospitals	117	72.4%	1.2%
Offices of Physicians (except Mental Health Specialists)	15	9.5%	0.8%
Federal Government, Civilian, Excluding Postal Service	<10	4.6%	0.2%
Blood and Organ Banks	<10	2.8%	6.6%
Research and Development in the Physical, Engineering, and Life Sciences (except Nanotechnology and Biotechnology)	<10	1.5%	1.0%

# Appendix A - Data Sources and Calculations

## 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.

## 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.

## 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.

## 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