

# Occupation Overview

Emsi Q1 2017 Data Set

April 2017

## Western Technical College



400 Seventh Street  
La Crosse, Wisconsin 54601  
608.785.9200

# Parameters

## Occupations

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Code	Description
29-2055	Surgical Technologists

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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

2018 - 2022

## Datarun

2017.1 – Employees

## Surgical Technology (2 years) 2017 (AED) in Western Technical College District

**Surgical Technologists (SOC 29-2055):** Assist in operations, under the supervision of surgeons, registered nurses, or other surgical personnel. May help set up operating room, prepare and transport patients for surgery, adjust lights and equipment, pass instruments and other supplies to surgeons and surgeon's assistants, hold retractors, cut sutures, and help count sponges, needles, supplies, and instruments.

**Sample of Reported Job Titles:** Operating Room Technician (OR Tech)Surgical Technologist (Surgical Tech)Surgical TechnicianSurgical Scrub Technologist (Surgical Scrub Tech)Certified Surgical Technologist (CST)Surgical Scrub TechnicianOperating Room Technologist (OR Tech)Operating Room Surgical Technician (OR St)Certified Surgical TechnicianCertified Surgical Tech/First Assistant

**Related O\*NET Occupation:** Surgical Technologists (29-2055.00)

SOC	Description	2018 Jobs	2022 Jobs	2018 - 2022 Change	2018 - 2022 % Change	2018 - 2022 Openings	Annual Openings	Median Hourly Earnings
29-2055	Surgical Technologists	131	133	2	2%	<10	Insf. Data	\$18.85

## Occupation Summary for Surgical Technology (2 years) 2017 (AED)

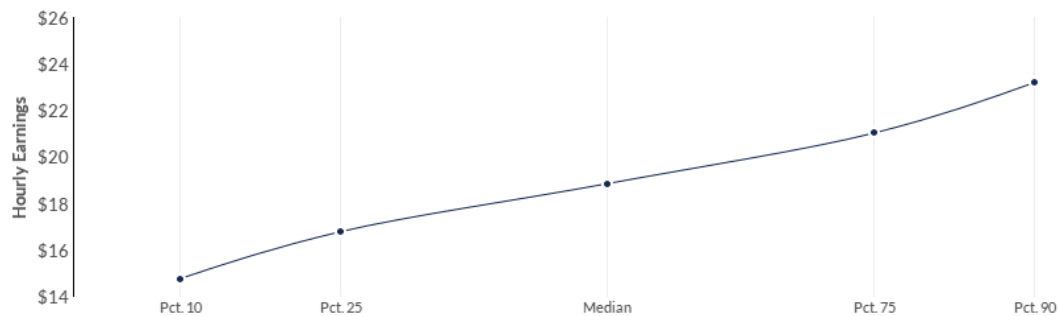
<b>130</b> Jobs (2016) 25% above National average	<b>1.5%</b> % Change (2018-2022) Nation: 5.1%	<b>\$18.85/hr</b> Median Hourly Earnings Nation: \$21.82/hr
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## Growth for Surgical Technologists (29-2055)

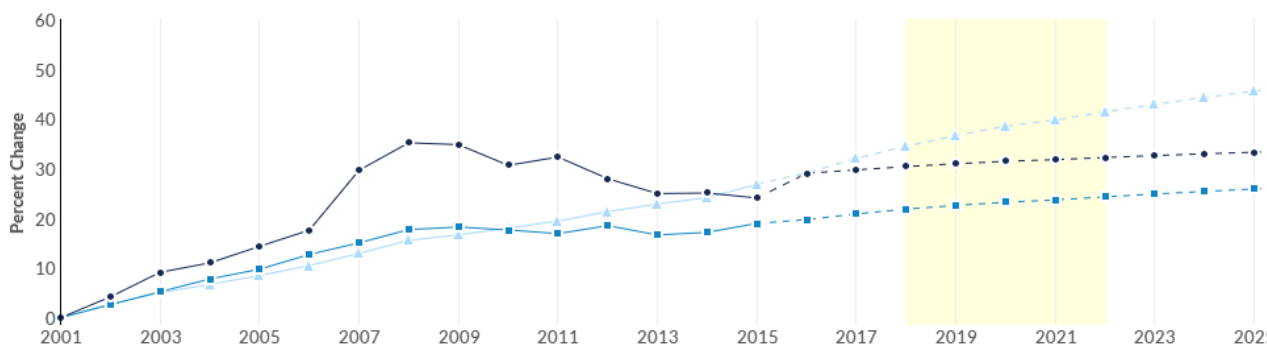
<b>131</b> 2018 Jobs	<b>133</b> 2022 Jobs	<b>2</b> Change (2018-2022)	<b>1.5%</b> % Change (2018-2022)
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## Percentile Earnings for Surgical Technologists (29-2055)

<b>\$16.78/hr</b> 25th Percentile Earnings	<b>\$18.85/hr</b> Median Earnings	<b>\$21.03/hr</b> 75th Percentile Earnings
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## Regional Trends





	Region	2018 Jobs	2022 Jobs	Change	% Change
●	Region	131	133	2	1.5%
●	Wisconsin	2,603	2,656	53	2.0%
●	United States	108,163	113,707	5,544	5.1%

Region	2018 Jobs	2022 Jobs	Change	% Change
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## Regional Breakdown

County	2022 Jobs
La Crosse County, WI	97
Monroe County, WI	<10
Vernon County, WI	<10
Juneau County, WI	<10
Trempealeau County, WI	<10

## Occupation Gender Breakdown

Gender	2016 Jobs	2016 Percent
Males	32	24.9% 
Females	97	75.1% 

## Occupation Age Breakdown

Age	2016 Jobs	2016 Percent
14-18	0	0.1% 
19-24	15	11.6% 
25-34	41	31.4% 
35-44	28	21.9% 
45-54	25	19.5% 
55-64	18	13.6% 
65+	3	2.0% 

Age

2016 Jobs 2016 Percent

## Occupation Race/Ethnicity Breakdown

	Race/Ethnicity	2016 Jobs	2016 Percent
●	White	123	95.2%
●	Asian	3	2.0%
●	Hispanic or Latino	2	1.3%
●	Black or African American	1	0.7%
●	Two or More Races	1	0.6%
●	American Indian or Alaska Native	0	0.2%
●	Native Hawaiian or Other Pacific Islander	0	0.0%

## National Educational Attainment

	Education Level	2016 Percent
●	Less than high school diploma	1.8%
●	High school diploma or equivalent	22.9%
●	Some college, no degree	35.0%
●	Associate's degree	21.4%
●	Bachelor's degree	16.1%
●	Master's degree	1.7%
●	Doctoral or professional degree	1.0%

## Occupational Programs

	2 Programs (2015)	7 Completions (2015)	7 Openings (2015)
CIP Code	Program	Completions (2015)	
51.0909	Surgical Technology/Technologist	4	

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Education Level	2016 Percent
51.1012	Sterile Processing Technology/Technician

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## Industries Employing Surgical Technology (2 years) 2017 (AED)

Industry	Occupation Jobs in Industry (2016)	% of Occupation in Industry (2016)	% of Total Jobs in Industry (2016)
General Medical and Surgical Hospitals	108	83.0%	1.1%
Offices of Physicians (except Mental Health Specialists)	12	9.4%	0.6%
Offices of Dentists	<10	2.4%	0.4%
Offices of Physicians, Mental Health Specialists	<10	1.7%	0.6%
HMO Medical Centers	<10	0.8%	1.4%



# 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.

## 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.

## 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