

Surgical Technology Occupation Overview

Emsi Q1 2018 Data Set

March 2018

Western Technical College



400 Seventh Street
La Crosse, Wisconsin 54601
608.785.9200

Parameters

Occupations

| Code | Description |
|---------|------------------------|
| 29-2055 | Surgical Technologists |

Regions

| 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 |

Timeframe

2019 - 2023

Datarun

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

HPS 105121 STEC in Western 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

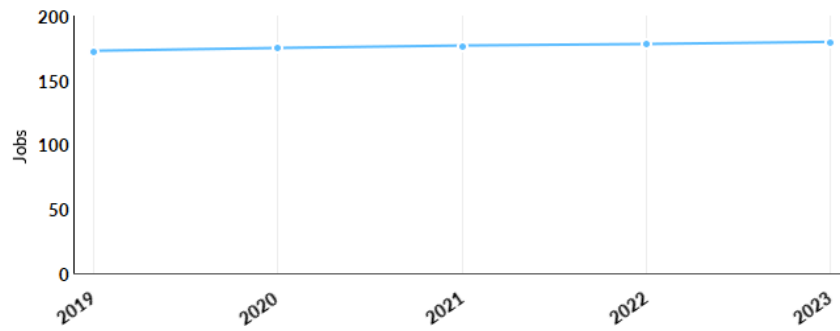
Related O*NET Occupation: Surgical Technologists (29-2055.00)

Occupation Summary for HPS 105121 STEC

| | | |
|---|---|---|
| 173 Jobs (2019) 61% above National average | 4.0% % Change (2019-2023) Nation: 5.6% | \$23.27/hr Median Hourly Earnings Nation: \$21.74/hr |
|---|---|---|

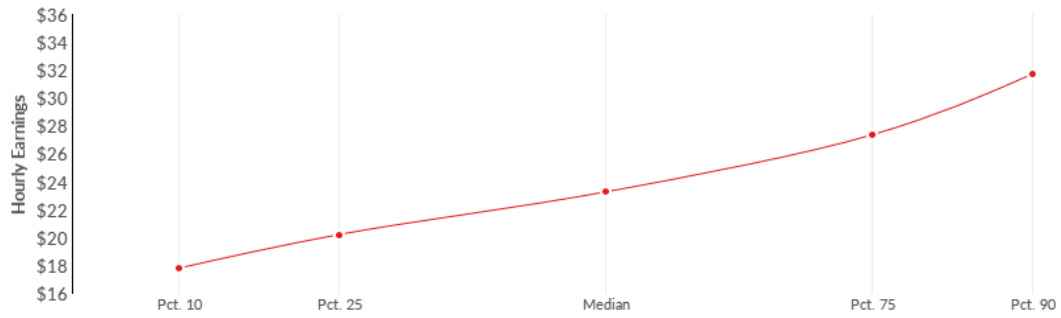
Growth for Surgical Technologists (29-2055)

| | | | |
|-------------------------|-------------------------|--------------------------------|-------------------------------------|
| 173 2019 Jobs | 180 2023 Jobs | 7 Change (2019-2023) | 4.0% % Change (2019-2023) |
|-------------------------|-------------------------|--------------------------------|-------------------------------------|

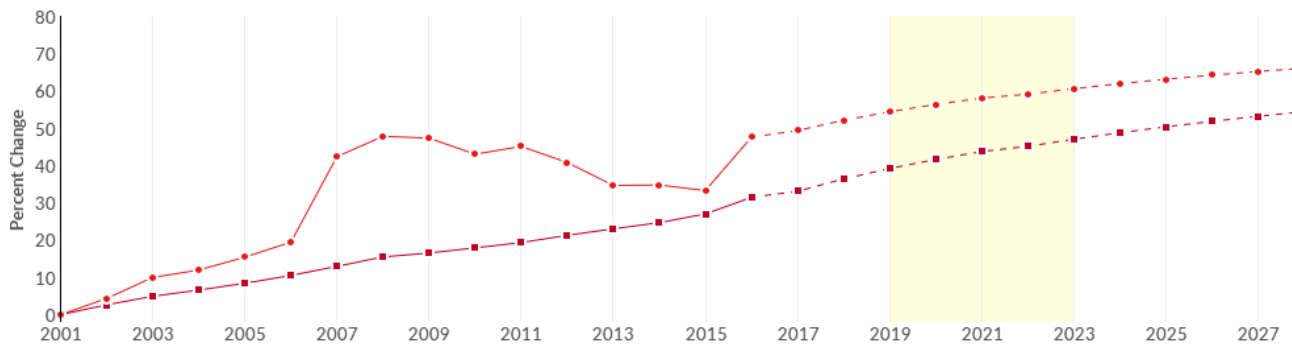


Percentile Earnings for Surgical Technologists (29-2055)

| | | |
|---|--------------------------------------|---|
| \$20.21/hr 25th Percentile Earnings | \$23.27/hr Median Earnings | \$27.37/hr 75th Percentile Earnings |
|---|--------------------------------------|---|

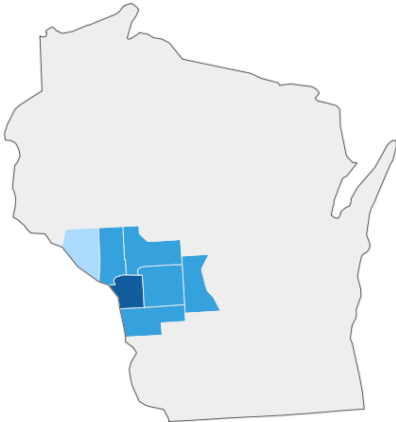


Regional Trends



| | Region | 2019 Jobs | 2023 Jobs | Change | % Change |
|---|--------|-----------|-----------|--------|----------|
| ● | Region | 173 | 180 | 7 | 4.0% |
| ● | Nation | 114,373 | 120,830 | 6,457 | 5.6% |

Regional Breakdown



| County | 2023 Jobs |
|----------------------|-----------|
| La Crosse County, WI | 148 |
| Monroe County, WI | 10 |
| Vernon County, WI | <10 |
| Jackson County, WI | <10 |
| Juneau County, WI | <10 |

Occupation Gender Breakdown



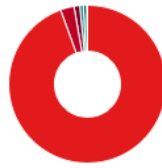
| | Gender | 2017 Jobs | 2017 Percent |
|---|---------|-----------|---|
| ● | Males | 37 | 22.3%  |
| ● | Females | 130 | 77.7%  |

Occupation Age Breakdown



| | Age | 2017 Jobs | 2017 Percent |
|---|-------|-----------|--------------|
| ● | 14-18 | 0 | 0.1% |
| ● | 19-24 | 20 | 12.0% █ |
| ● | 25-34 | 54 | 32.1% █ |
| ● | 35-44 | 37 | 22.0% █ |
| ● | 45-54 | 30 | 18.0% █ |
| ● | 55-64 | 23 | 13.6% █ |
| ● | 65+ | 3 | 2.0% █ |

Occupation Race/Ethnicity Breakdown










| | Race/Ethnicity | 2017 Jobs | 2017 Percent |
|---|---|-----------|--|
| ● | White | 158 | 94.4%  |
| ● | Asian | 5 | 2.8%  |
| ● | Hispanic or Latino | 2 | 1.2%  |
| ● | Black or African American | 1 | 0.7%  |
| ● | Two or More Races | 1 | 0.7%  |
| ● | American Indian or Alaska Native | 0 | 0.2%  |
| ● | Native Hawaiian or Other Pacific Islander | 0 | 0.0%  |

Occupational Programs

| 2 | 20 | 15 |
|-----------------|--|--------------------|
| Programs (2016) | Completions (2016) | Openings (2016) |
| CIP Code | Program | Completions (2016) |
| 51.0909 | Surgical Technology/Technologist | 14 |
| 51.1012 | Sterile Processing Technology/Technician | 6 |

National Educational Attainment



| | Education Level | 2017 Percent |
|---|-----------------------------------|--|
| • | Less than high school diploma | 1.8%  |
| • | High school diploma or equivalent | 20.1%  |
| • | Some college, no degree | 34.7%  |
| • | Associate's degree | 21.6%  |
| • | Bachelor's degree | 18.2%  |
| • | Master's degree | 2.5%  |
| • | Doctoral or professional degree | 1.1%  |

Industries Employing HPS 105121 STEC

| Industry | Occupation Jobs in Industry (2017) | % of Occupation in Industry (2017) | % of Total Jobs in Industry (2017) |
|--|---|---|---|
| General Medical and Surgical Hospitals | 147 | 87.9% | 1.5% |
| Offices of Physicians (except Mental Health Specialists) | 10 | 6.2% | 0.5% |
| Offices of Dentists | <10 | 1.4% | 0.3% |
| Offices of Physicians, Mental Health Specialists | <10 | 1.1% | 0.7% |
| HMO Medical Centers | <10 | 0.7% | 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.

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