

Occupation Overview

EMSI Q2 2015 Data Set

Paramedic Technician
October 2015

Western Technical College



400 Seventh Street
La Crosse, Wisconsin 54601
608.785.9200

Parameters

Occupations

| Code | Description |
|---------|--|
| 29-2041 | Emergency Medical Technicians and Paramedics |

Regions

| 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 |

Timeframe

2016 - 2020

Datarun

2015.2 – Employees

Paramedic Technician 2015 (AED) in 8 Counties

Emergency Medical Technicians and Paramedics (SOC 29-2041): Assess injuries, administer emergency medical care, and extricate trapped individuals. Transport injured or sick persons to medical facilities.

Sample of Reported Job Titles: ParamedicFlight ParamedicEmergency Medical Technician, Basic (EMT, B)Emergency Medical Technician (EMT)Multi Care Technician (Multi Care Tech)First ResponderEMT/Dispatcher (Emergency Medical Technician/Dispatcher)EMT, Paramedic (Emergency Medical Technician, Paramedic)EMT Intermediate (Emergency Medical Technician, Intermediate)Emergency Medical Technician/Driver (EMT/DRIVER)

Related O*NET Occupation: Emergency Medical Technicians and Paramedics (29-2041.00)

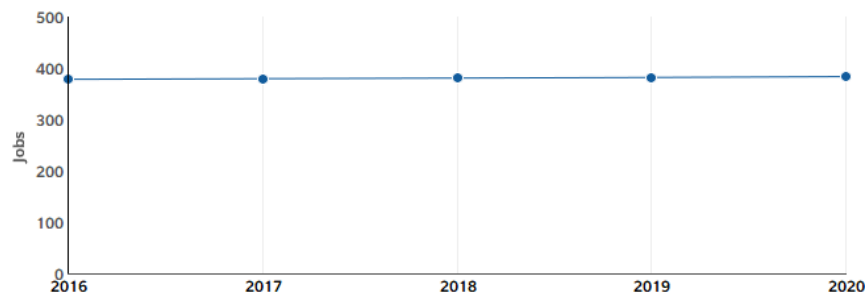
| SOC | Description | 2016 Jobs | 2020 Jobs | 2016 - 2020 Change | 2016 - 2020 % Change | Openings | Annual Openings | Median Hourly Earnings |
|---------|--|-----------|-----------|--------------------|----------------------|----------|-----------------|------------------------|
| 29-2041 | Emergency Medical Technicians and Paramedics | 379 | 384 | 5 | 1% | 52 | 13 | \$14.64 |

Occupation Summary for Paramedic Technician 2015 (AED)

| | | |
|---|---|---|
| 378 Jobs (2015) 54% above National average | 1.4% % Change (2016-2020) Nation: 8.0% | \$14.64/hr Median Hourly Earnings Nation: \$15.24/hr |
|---|---|---|

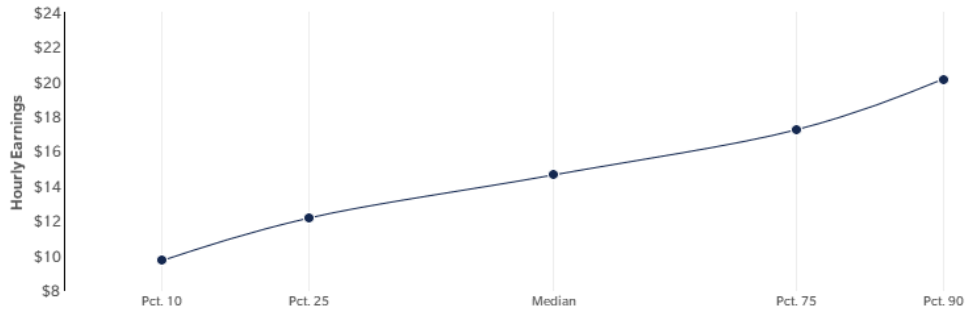
Growth for Emergency Medical Technicians and Paramedics (29-2041)

| | | | |
|-------------------------|-------------------------|--------------------------------|-------------------------------------|
| 379 2016 Jobs | 384 2020 Jobs | 5 Change (2016-2020) | 1.4% % Change (2016-2020) |
|-------------------------|-------------------------|--------------------------------|-------------------------------------|

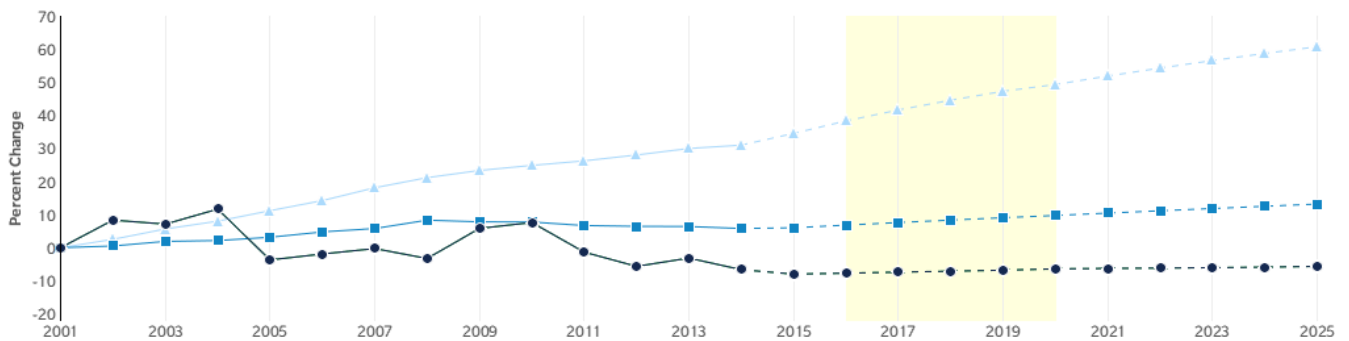


Percentile Earnings for Emergency Medical Technicians and Paramedics (29-2041)

| | | |
|---|--------------------------------------|---|
| \$12.16/hr 25th Percentile Earnings | \$14.64/hr Median Earnings | \$17.25/hr 75th Percentile Earnings |
|---|--------------------------------------|---|

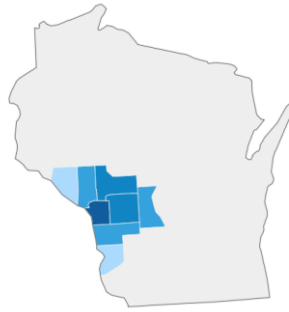


Regional Trends



| Region | 2016 Jobs | 2020 Jobs | Change | % Change |
|--------------------------------------|-----------|-----------|--------|----------|
| ● Region | 379 | 384 | 5 | 1.3% |
| ● State | 5,432 | 5,581 | 149 | 2.7% |
| ● Nation | 251,120 | 271,105 | 19,985 | 8.0% |
| ● Western Technical College District | 379 | 384 | 5 | 1.3% |



Regional Breakdown



| County | 2020 Jobs |
|----------------------|-----------|
| La Crosse County, WI | 112 |
| Jackson County, WI | 58 |
| Monroe County, WI | 55 |
| Juneau County, WI | 47 |
| Vernon County, WI | 43 |

Occupation Gender Breakdown



| Gender | 2015 Jobs | 2015 Percent |
|-----------|-----------|---|
| • Males | 207 | 54.7%  |
| • Females | 171 | 45.3%  |

Occupation Age Breakdown



| | Age | 2015 Jobs | 2015 Percent |
|---|-------|-----------|--------------|
| ● | 14-18 | 1 | 0.3% |
| ● | 19-24 | 49 | 12.9% |
| ● | 25-34 | 123 | 32.5% |
| ● | 35-44 | 102 | 26.9% |
| ● | 45-54 | 66 | 17.5% |
| ● | 55-64 | 31 | 8.1% |
| ● | 65+ | 6 | 1.7% |

Occupation Race/Ethnicity Breakdown



| | Race/Ethnicity | 2015 Jobs | 2015 Percent |
|---|---|-----------|--------------|
| ● | White | 360 | 95.3% |
| ● | Black or African American | 5 | 1.4% |
| ● | Hispanic or Latino | 5 | 1.3% |
| ● | American Indian or Alaska Native | 4 | 1.1% |
| ● | Two or More Races | 2 | 0.6% |
| ● | Asian | 1 | 0.3% |
| ● | Native Hawaiian or Other Pacific Islander | 0 | 0.0% |

National Educational Attainment



| | Education Level | 2015 Percent |
|---|-----------------------------------|--------------|
| ● | Less than high school diploma | 0.9% |
| ● | High school diploma or equivalent | 14.7% █ |
| ● | Some college, no degree | 49.4% █ |
| ● | Associate's degree | 19.7% █ |
| ● | Bachelor's degree | 12.9% █ |
| ● | Master's degree | 2.1% |
| ● | Doctoral or professional degree | 0.3% |

Occupational Programs

| | 1 Programs (2014) | 64 Completions (2014) | 12 Openings (2014) |
|-----------------|---|--------------------------|---------------------------|
| CIP Code | Program | | Completions (2014) |
| 51.0904 | Emergency Medical Technology/Technician (EMT Paramedic) | | 64 |

Industries Employing Paramedic Technician 2015 (AED)

| Industry | Occupation Jobs in Industry (2015) | % of Occupation in Industry (2015) | % of Total Jobs in Industry (2015) |
|---|------------------------------------|------------------------------------|------------------------------------|
| Local Government, Excluding Education and Hospitals | 207 | 54.9% | 2.6% |
| Ambulance Services | 80 | 21.1% | 77.8% |
| General Medical and Surgical Hospitals | 70 | 18.6% | 0.7% |
| Packaging and Labeling Services | <10 | 1.8% | 2.7% |
| State Government, Excluding Education and Hospitals | <10 | 0.7% | 0.1% |

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