

# 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
29-2034	Radiologic 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

## Radiography 2017 (AED) in Western Technical College District

**Radiologic Technologists (SOC 29-2034):** Take x rays and CAT scans or administer nonradioactive materials into patient's blood stream for diagnostic purposes. Includes technologists who specialize in other scanning modalities. Excludes "Diagnostic Medical Sonographers"(29-2032) and "Magnetic Resonance Imaging Technologists" (29-2035).

**Sample of Reported Job Titles:** CAT Scan Technologist (Computed Axial Tomography Technologist)X-Ray Technologist (X-Ray Tech)Staff TechnologistStaff RadiographerRadiology TechnologistRadiological TechnologistRadiologic Technologist (RT)Radiographer, MammographerRadiographerMammography Technologist

**Related O\*NET Occupation:** Radiologic Technologists (29-2034.00)

SOC	Description	2018 Jobs	2022 Jobs	2018 - 2022 Change	2018 - 2022 % Change	2018 - 2022 Openings	Annual Openings	Median Hourly Earnings
29-2034	Radiologic Technologists	224	226	2	1%	20	5	\$23.08

## Occupation Summary for Radiography 2017 (AED)

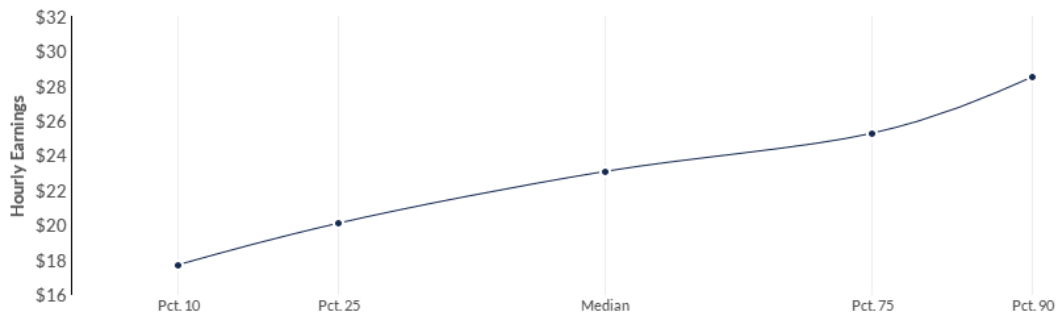
<b>223</b> Jobs (2016) 12% above National average	<b>0.9%</b> % Change (2018-2022) Nation: 3.3%	<b>\$23.08/hr</b> Median Hourly Earnings Nation: \$28.00/hr
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## Growth for Radiologic Technologists (29-2034)

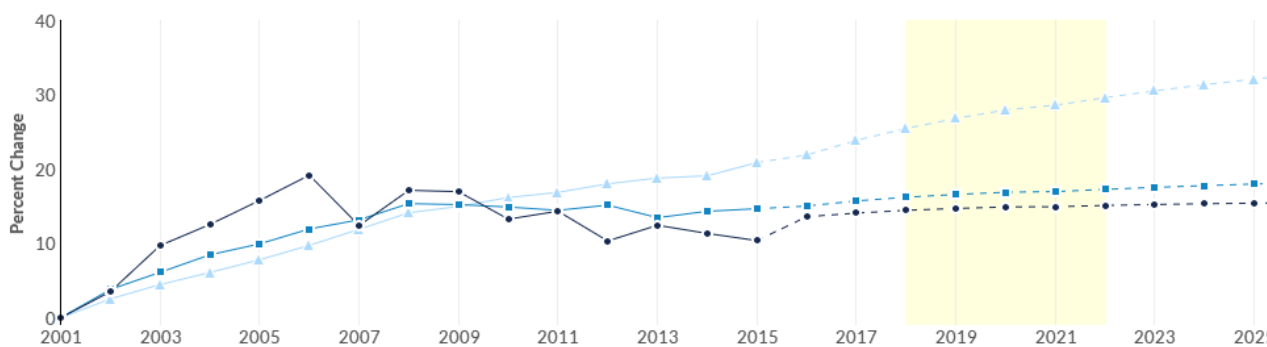
<b>224</b> 2018 Jobs	<b>226</b> 2022 Jobs	<b>2</b> Change (2018-2022)	<b>0.9%</b> % Change (2018-2022)
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## Percentile Earnings for Radiologic Technologists (29-2034)

<b>\$20.10/hr</b> 25th Percentile Earnings	<b>\$23.08/hr</b> Median Earnings	<b>\$25.28/hr</b> 75th Percentile Earnings
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## Regional Trends





Region	2018 Jobs	2022 Jobs	Change	% Change
● Region	224	226	2	0.9%
● Wisconsin	4,174	4,212	38	0.9%
● United States	205,341	212,108	6,767	3.3%

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

County	2022 Jobs
La Crosse County, WI	142
Monroe County, WI	27
Vernon County, WI	15
Juneau County, WI	11
Jackson County, WI	10

## Occupation Gender Breakdown

Gender	2016 Jobs	2016 Percent
Males	64	28.6% 
Females	159	71.4% 

## Occupation Age Breakdown

Age	2016 Jobs	2016 Percent
14-18	0	0.0% 
19-24	10	4.7% 
25-34	57	25.7% 
35-44	54	24.4% 
45-54	54	24.5% 
55-64	41	18.3% 
65+	5	2.4% 

Age

2016 Jobs 2016 Percent

## Occupation Race/Ethnicity Breakdown

	Race/Ethnicity	2016 Jobs	2016 Percent
●	White	215	96.7%
●	Asian	3	1.3%
●	Hispanic or Latino	2	1.0%
●	Black or African American	1	0.6%
●	Two or More Races	1	0.4%
●	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	0.7%
●	High school diploma or equivalent	7.4%
●	Some college, no degree	21.8%
●	Associate's degree	44.3%
●	Bachelor's degree	22.0%
●	Master's degree	1.9%
●	Doctoral or professional degree	1.8%

## Occupational Programs

2 Programs (2015)		31 Completions (2015)	11 Openings (2015)
CIP Code	Program	Completions (2015)	
51.0907	Medical Radiologic Technology/Science - Radiation Therapist	31	

	Education Level	2016 Percent
51.0911	Radiologic Technology/Science - Radiographer	0

## Industries Employing Radiography 2017 (AED)

Industry	Occupation Jobs in Industry (2016)	% of Occupation in Industry (2016)	% of Total Jobs in Industry (2016)
General Medical and Surgical Hospitals	160	72.0%	1.7%
Offices of Physicians (except Mental Health Specialists)	39	17.4%	1.8%
Federal Government, Civilian, Excluding Postal Service	10	4.6%	0.3%
Offices of Physicians, Mental Health Specialists	<10	2.7%	1.9%
HMO Medical Centers	<10	0.5%	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