

Radiography 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
29-2034	Radiologic 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 105261 RADG in Western 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 Technologist Staff Radiographer Radiology Technologist Radiological Technologist Radiologic Technologist (RT) Radiographer, Mammographer Radiographer Mammography Technologist

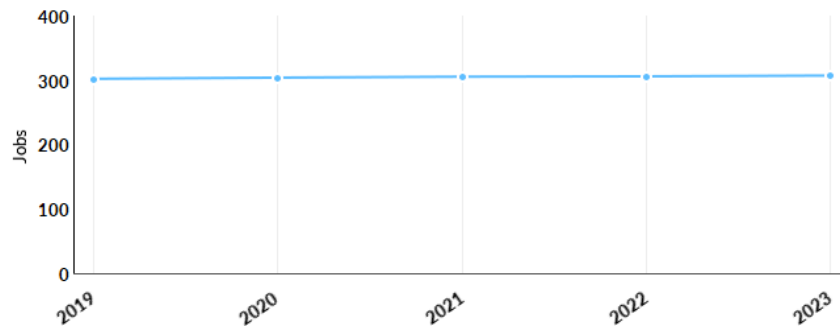
Related O*NET Occupation: Radiologic Technologists (29-2034.00)

Occupation Summary for HPS 105261 RADG

302 Jobs (2019) 52% above National average	1.7% % Change (2019-2023) Nation: 3.9%	\$26.20/hr Median Hourly Earnings Nation: \$27.72/hr
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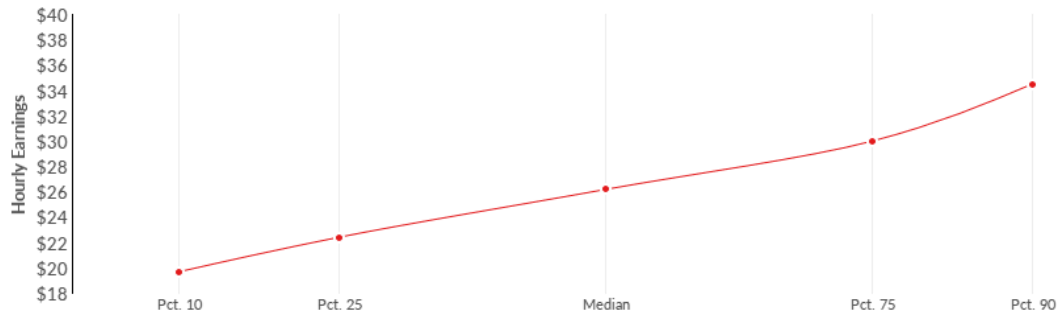
Growth for Radiologic Technologists (29-2034)

302 2019 Jobs	307 2023 Jobs	5 Change (2019-2023)	1.7% % Change (2019-2023)
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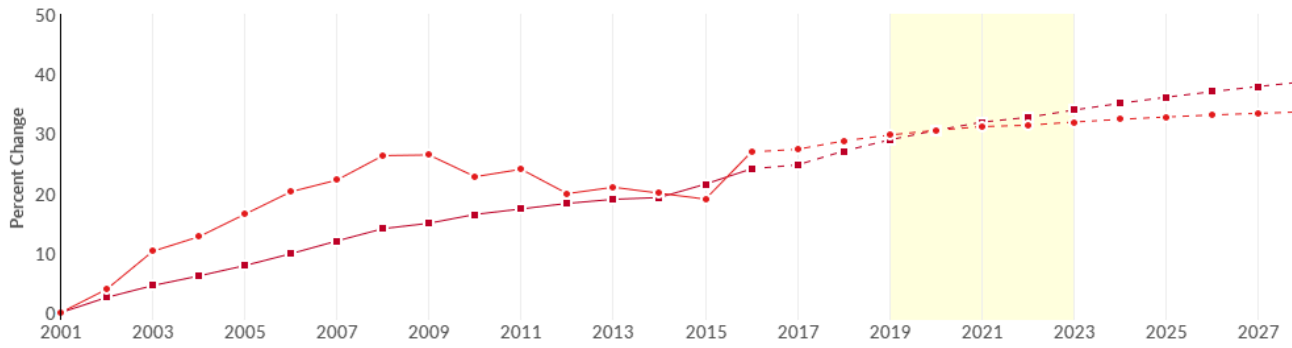


Percentile Earnings for Radiologic Technologists (29-2034)

\$22.42/hr 25th Percentile Earnings	\$26.20/hr Median Earnings	\$30.01/hr 75th Percentile Earnings
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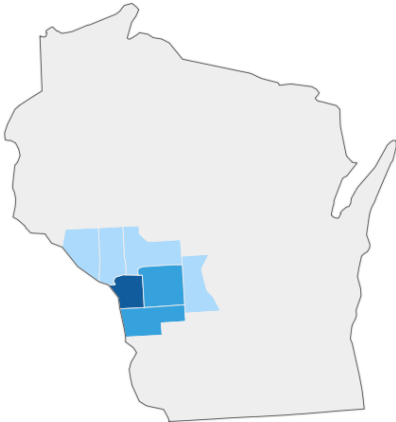


Regional Trends



	Region	2019 Jobs	2023 Jobs	Change	% Change
●	Region	302	307	5	1.7%
●	Nation	212,654	220,907	8,253	3.9%

Regional Breakdown



County	2023 Jobs
La Crosse County, WI	207
Monroe County, WI	38
Vernon County, WI	21
Jackson County, WI	15
Juneau County, WI	14

Occupation Gender Breakdown



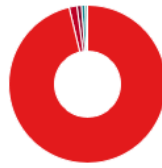
	Gender	2017 Jobs	2017 Percent
●	Males	77	25.8% 
●	Females	220	74.2% 

Occupation Age Breakdown



	Age	2017 Jobs	2017 Percent
•	14-18	0	0.0%
•	19-24	15	5.1% ■
•	25-34	76	25.5% ■■■■
•	35-44	74	24.8% ■■■■
•	45-54	69	23.2% ■■■■
•	55-64	56	18.9% ■■■■
•	65+	7	2.4% ■

Occupation Race/Ethnicity Breakdown

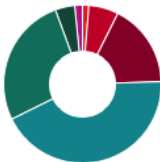


	Race/Ethnicity	2017 Jobs	2017 Percent
●	White	285	96.2% 
●	Asian	5	1.6% 
●	Hispanic or Latino	3	0.9% 
●	Black or African American	2	0.7% 
●	Two or More Races	1	0.4% 
●	American Indian or Alaska Native	0	0.1% 
●	Native Hawaiian or Other Pacific Islander	0	0.0% 

Occupational Programs

2		67	17
Programs (2016)		Completions (2016)	Openings (2016)
CIP Code	Program	Completions (2016)	
51.0907	Medical Radiologic Technology/Science - Radiation Therapist	49	
51.0911	Radiologic Technology/Science - Radiographer	18	

National Educational Attainment



	Education Level	2017 Percent
•	Less than high school diploma	1.3%
•	High school diploma or equivalent	6.1% ■
•	Some college, no degree	17.1% ■■
•	Associate's degree	43.2% ■■■■■
•	Bachelor's degree	26.7% ■■■■
•	Master's degree	4.0% ■
•	Doctoral or professional degree	1.6%

Industries Employing HPS 105261 RADG

Industry	Occupation Jobs in Industry (2017)	% of Occupation in Industry (2017)	% of Total Jobs in Industry (2017)
General Medical and Surgical Hospitals	229	77.4%	2.3%
Offices of Physicians (except Mental Health Specialists)	37	12.5%	1.9%
Federal Government, Civilian, Excluding Postal Service	14	4.7%	0.4%
Offices of Physicians, Mental Health Specialists	<10	1.7%	1.7%
HMO Medical Centers	<10	0.6%	2.8%

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