

Automotive Technician 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
49-2093	Electrical and Electronics Installers and Repairers, Transportation Equipment
49-2096	Electronic Equipment Installers and Repairers, Motor Vehicles
49-3023	Automotive Service Technicians and Mechanics
49-3093	Tire Repairers and Changers
53-6031	Automotive and Watercraft Service Attendants

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

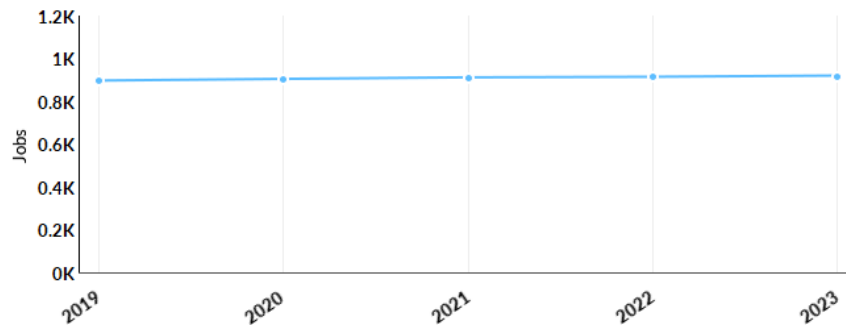
324042 AUTO in Western District

Occupation Summary for 324042 AUTO

896 Jobs (2019) 9% below National average	2.7% % Change (2019-2023) Nation: 2.7%	\$13.64/hr Median Hourly Earnings Nation: \$14.79/hr
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Growth

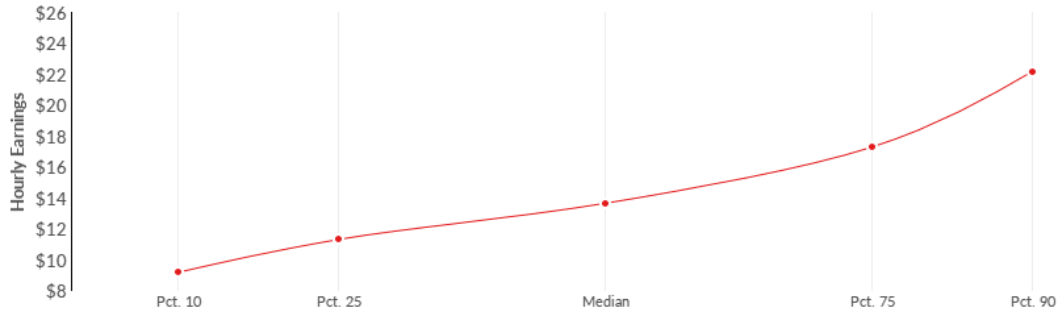
896 2019 Jobs	920 2023 Jobs	24 Change (2019-2023)	2.7% % Change (2019-2023)
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Occupation	2019 Jobs	2023 Jobs	Change	% Change
Electrical and Electronics Installers and Repairers, Transportation Equipment (49-2093)	19	21	2	11%
Electronic Equipment Installers and Repairers, Motor Vehicles (49-2096)	6	5	-1	-17%
Automotive Service Technicians and Mechanics (49-3023)	772	789	17	2%
Tire Repairers and Changers (49-3093)	46	48	2	4%
Automotive and Watercraft Service Attendants (53-6031)	54	58	4	7%

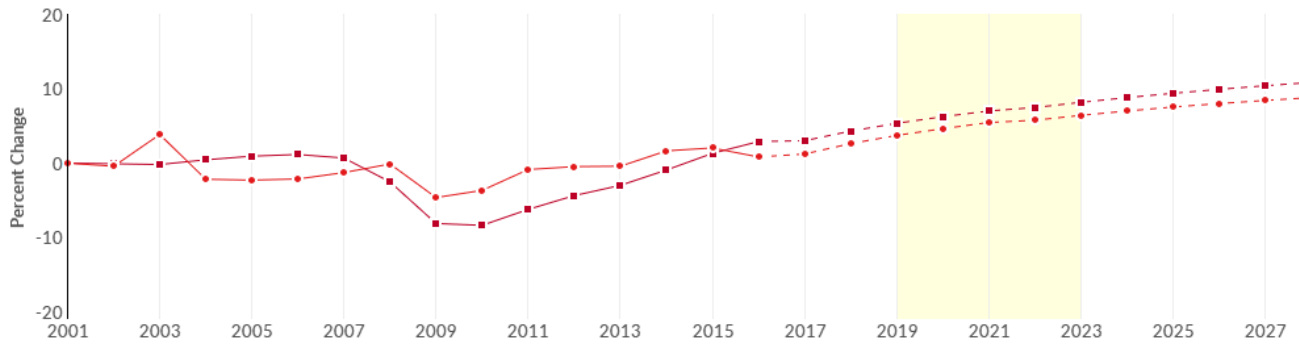
Percentile Earnings

\$11.29/hr 25th Percentile Earnings	\$13.64/hr Median Earnings	\$17.28/hr 75th Percentile Earnings
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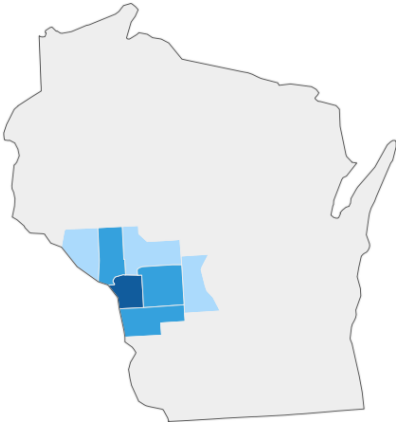
Occupation	25th Percentile Earnings	Median Earnings	75th Percentile Earnings
Electrical and Electronics Installers and Repairers, Transportation Equipment (49-2093)	\$20.40	\$25.84	\$31.68
Electronic Equipment Installers and Repairers, Motor Vehicles (49-2096)	\$12.10	\$14.28	\$16.45
Automotive Service Technicians and Mechanics (49-3023)	\$11.73	\$13.85	\$17.46
Tire Repairers and Changers (49-3093)	\$8.85	\$10.57	\$13.33
Automotive and Watercraft Service Attendants (53-6031)	\$8.71	\$10.79	\$13.25

Regional Trends



	Region	2019 Jobs	2023 Jobs	Change	% Change
●	Region	896	920	24	2.7%
●	Nation	1,051,942	1,080,120	28,178	2.7%

Regional Breakdown



County	2023 Jobs
La Crosse County, WI	493
Monroe County, WI	119
Trempealeau County, WI	96
Vernon County, WI	73
Juneau County, WI	70

Occupation Gender Breakdown



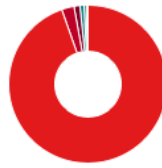
	Gender	2017 Jobs	2017 Percent
●	Males	854	97.6%
●	Females	21	2.4%

Occupation Age Breakdown



	Age	2017 Jobs	2017 Percent
•	14-18	19	2.2% 
•	19-24	104	11.9% 
•	25-34	193	22.1% 
•	35-44	180	20.6% 
•	45-54	182	20.8% 
•	55-64	158	18.0% 
•	65+	38	4.4% 

Occupation Race/Ethnicity Breakdown



	Race/Ethnicity	2017 Jobs	2017 Percent
•	White	828	94.6%
•	Hispanic or Latino	22	2.5%
•	Asian	11	1.2%
•	Black or African American	7	0.8%
•	Two or More Races	4	0.5%
•	American Indian or Alaska Native	3	0.3%
•	Native Hawaiian or Other Pacific Islander	0	0.0%

Occupational Programs

1			62			96		
Programs (2016)			Completions (2016)			Openings (2016)		
CIP Code	Program	Completions (2016)						
47.0604	Automobile/Automotive Mechanics Technology/Technician	62						

Industries Employing 324042 AUTO

Industry	Occupation Group Jobs in Industry (2017)	% of Occupation Group in Industry (2017)	% of Total Jobs in Industry (2017)
General Automotive Repair	278	31.8%	49.6%
New Car Dealers	214	24.5%	17.2%
Automotive Parts and Accessories Stores	69	7.9%	20.1%
Gasoline Stations with Convenience Stores	67	7.6%	3.0%
Automotive Body, Paint, and Interior Repair and Maintenance	42	4.7%	13.2%

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