

Occupation Overview

Emsi Q2 2018 Data Set

April 2018

Clackamas Community College



19600 Molalla Avenue
Oregon City, Oregon 97045
503.594.3497

Parameters

Occupations

Code	Description
49-3023	Automotive Service Technicians and Mechanics

Regions

Code	Description
41005	Clackamas County, OR
41051	Multnomah County, OR
41067	Washington County, OR
53011	Clark County, WA

Timeframe

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Datarun

2018.2 – QCEW Employees, Non-QCEW Employees, and Self-Employed

Automotive Service Technicians and Mechanics in 4 Counties

Automotive Service Technicians and Mechanics (SOC 49-3023):

Diagnose, adjust, repair, or overhaul automotive vehicles. Excludes "Automotive Body and Related Repairers" (49-3021), "Bus and Truck Mechanics and Diesel Engine Specialists" (49-3031), and "Electronic Equipment Installers and Repairers, Motor Vehicles" (49-2096).

Sample of Reported Job Titles:

Transmission Rebuilder
Service Technician
Mechanic
Truck Technician
Shop Foreman
Automobile Mechanic (Auto Mechanic)
Master Technician
Lube Technician
Trim Technician

Related O*NET Occupations:

Automotive Master Mechanics (49-3023.01)
Automotive Specialty Technicians (49-3023.02)

Occupation Summary for Automotive Service Technicians and Mechanics

<p>3,886 Jobs (2011) 25% below National average</p>	<p>+14.9% % Change (2011-2021) Nation: +13.5%</p>	<p>\$19.87/hr Median Hourly Earnings Nation: \$16.50/hr</p>
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Growth for Automotive Service Technicians and Mechanics (49-3023)

3,886

2011 Jobs

4,464

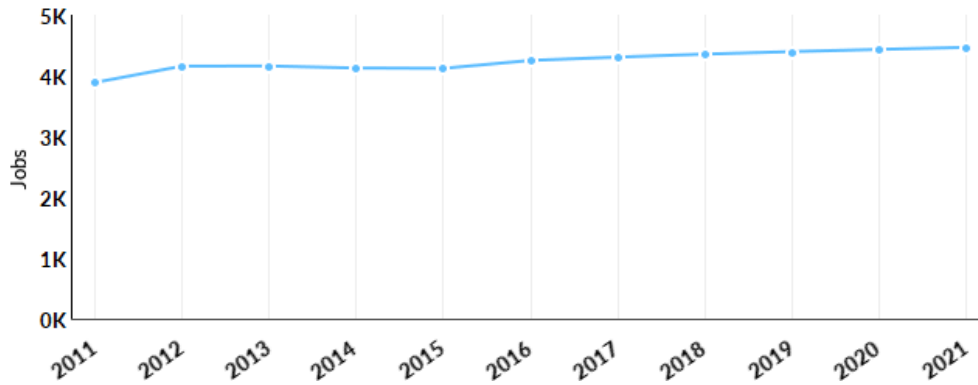
2021 Jobs

578

Change (2011-2021)

14.9%

% Change (2011-2021)



Percentile Earnings for Automotive Service Technicians and Mechanics (49-3023)

\$13.27/hr

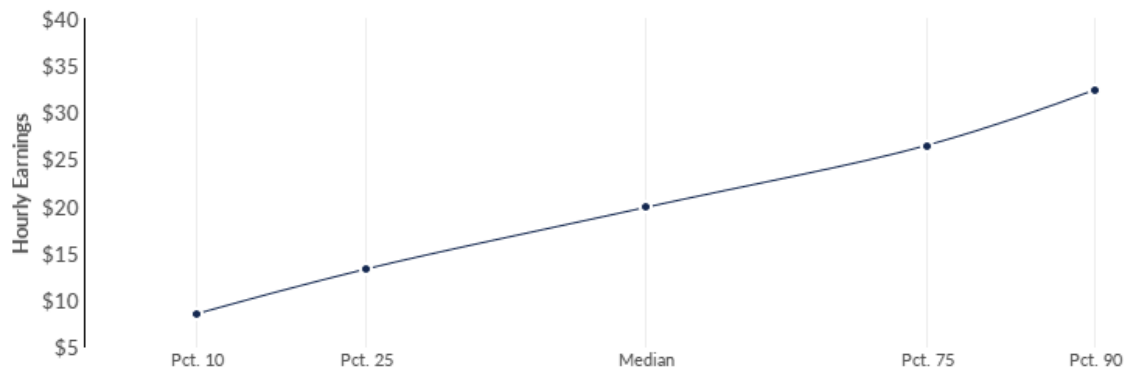
25th Percentile Earnings

\$19.87/hr

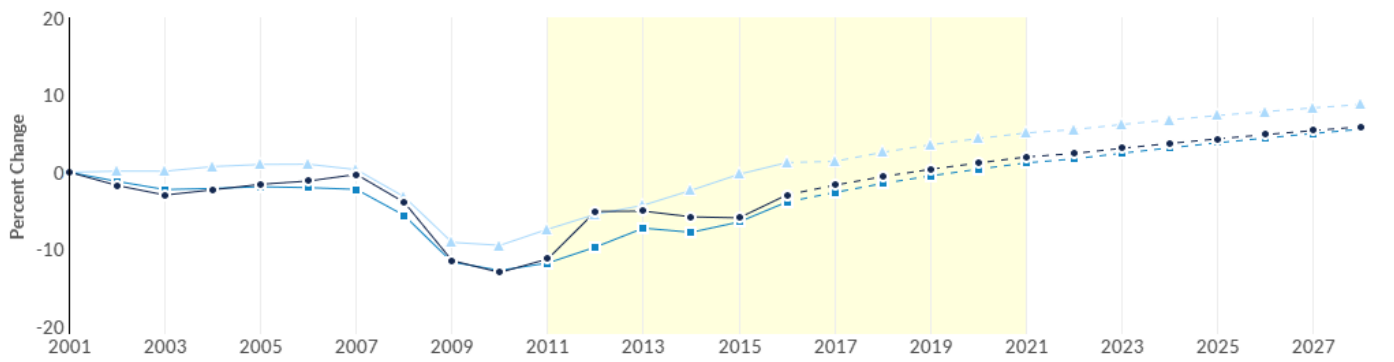
Median Earnings

\$26.47/hr

75th Percentile Earnings

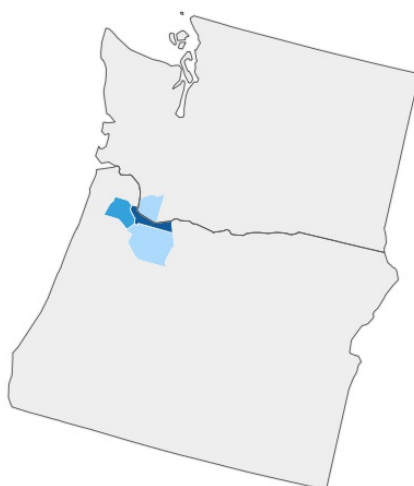


Regional Trends



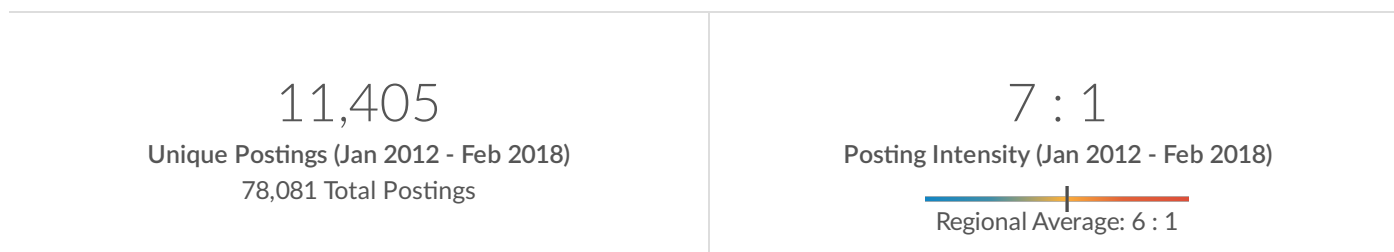
Region	2011 Jobs	2021 Jobs	Change	% Change
● Region	3,886	4,464	578	14.9%
■ State	20,966	24,051	3,085	14.7%
▲ Nation	709,488	805,055	95,567	13.5%

Regional Breakdown



County	2021 Jobs
Multnomah County, OR	1,733
Washington County, OR	1,049
Clark County, WA	903
Clackamas County, OR	780

Job Postings Summary



There were 78,081 total job postings for your selection from January 2012 to February 2018, of which 11,405 were unique. These numbers give us a Posting Intensity of 7-to-1, meaning that for every 7 postings there is 1 unique job posting.

This is close to the Posting Intensity for all other occupations and companies in the region (6-to-1), indicating that they are putting average effort toward hiring for this position.

Job Postings vs. Hires

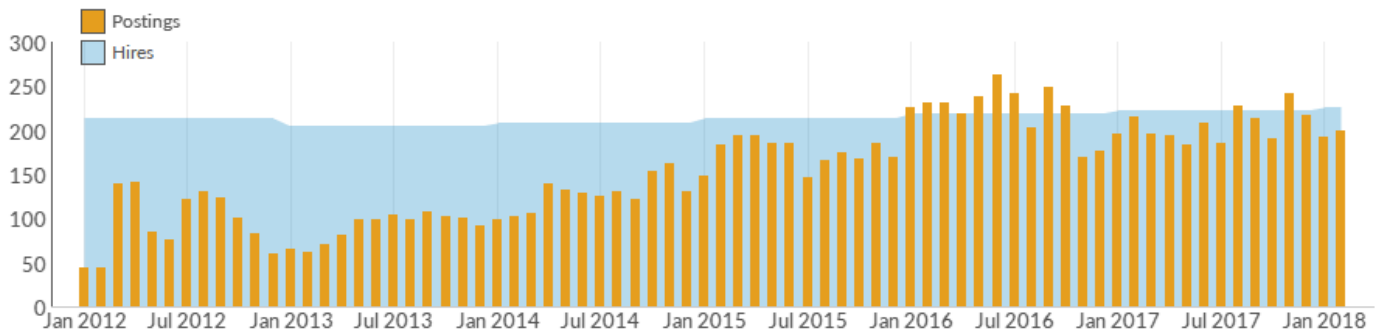
154

Avg. Monthly Postings (Jan 2012 - Feb 2018)

214

Avg. Monthly Hires (Jan 2012 - Feb 2018)

In an average month, there were 154 unique job postings for *Automotive Service Technicians and Mechanics*, and 214 actually hired. This means there was approximately 1 hire for *Automotive Service Technicians and Mechanics* for every 1 unique job posting.



Occupation	Avg Monthly Postings (Jan 2012 - Feb 2018)	Avg Monthly Hires (Jan 2012 - Feb 2018)
Automotive Service Technicians and Mechanics	154	214

Occupation Gender Breakdown



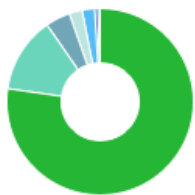
Gender	2017 Jobs	2017 Percent
Males	4,242	98.5%
Females	63	1.5%

Occupation Age Breakdown



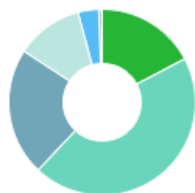
Age	2017 Jobs	2017 Percent
14-18	36	0.8%
19-24	460	10.7%
25-34	1,053	24.5%
35-44	1,046	24.3%
45-54	969	22.5%
55-64	607	14.1%
65+	135	3.1%

Occupation Race/Ethnicity Breakdown



Race/Ethnicity	2017 Jobs	2017 Percent
White	3,325	77.2%
Hispanic or Latino	565	13.1%
Asian	184	4.3%
Two or More Races	97	2.2%
Black or African American	93	2.2%
American Indian or Alaska Native	24	0.5%
Native Hawaiian or Other Pacific Islander	18	0.4%

National Educational Attainment



Education Level	2017 Percent
Less than high school diploma	17.3%
High school diploma or equivalent	44.7%
Some college, no degree	22.2%
Associate's degree	11.6%
Bachelor's degree	3.6%
Master's degree	0.4%
Doctoral or professional degree	0.2%

Occupational Programs

1 Programs (2016)	168 Completions (2016)	456 Openings (2016)
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CIP Code	Program	Completions (2016)
47.0604	Automobile/Automotive Mechanics Technology/Technician	168

Industries Employing Automotive Service Technicians and Mechanics

Industry	Occupation Jobs in Industry (2017)	% of Occupation in Industry (2017)	% of Total Jobs in Industry (2017)
General Automotive Repair	1,576	36.6%	45.5%
New Car Dealers	970	22.5%	13.1%
Automotive Body, Paint, and Interior Repair and Maintenance	243	5.7%	9.3%
Automotive Parts and Accessories Stores	220	5.1%	9.2%
Used Car Dealers	140	3.2%	10.9%

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.

CareerBuilder/Emsi Job Postings

Job postings are collected from various sources and processed/enriched by Careerbuilder to provide information such as standardized company name, occupation, skills, and geography. Emsi performs additional filtering and processing to improve compatibility with Emsi data.

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: Oregon Employment Department, Oregon Labor Market Information System; Washington State Employment Security Department, Labor Market and Economic Analysis Branch