

Occupation Overview

EMSI Q2 2015 Data Set

756 Old State Route 74
Cincinnati, Ohio 45245
513.943.3000

Parameters

Occupations

Code	Description
49-0000	Installation, Maintenance, and Repair Occupations

Regions

Code	Description
39025	Clermont County, OH

Timeframe

2015 - 2019

Datarun

2015.2 – QCEW Employees

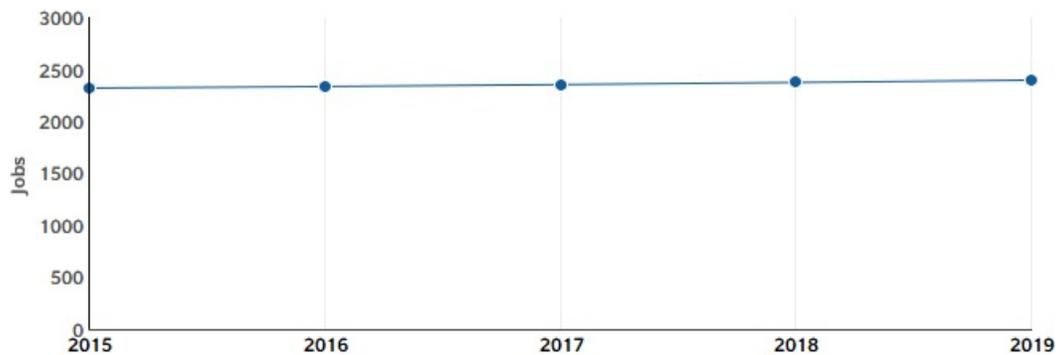
Installation, Maintenance, and Repair Occupations in Clermont County, OH

Occupation Summary for Installation, Maintenance, and Repair Occupations

<p>2,324 Jobs (2015) 7% above National average</p>	<p>+3.3% % Change (2015-2019) Nation: +3.4%</p>	<p>\$17.89/hr Median Hourly Earnings Nation: \$20.77/hr</p>
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Growth

2,324 2015 Jobs	2,400 2019 Jobs	76 Change (2015-2019)	3.3% % Change (2015-2019)
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Occupation	2015 Jobs	2019 Jobs	Change	% Change
First-Line Supervisors of Mechanics, Installers, and Repairers (49-1011)	173	177	4	2%
Computer, Automated Teller, and Office Machine Repairers (49-2011)	34	32	-2	-6%
Radio, Cellular, and Tower Equipment Installers and Repairs (49-2021)	15	14	-1	-7%
Telecommunications Equipment Installers and Repairers, Except Line Installers (49-2022)	59	59	0	0%
Avionics Technicians (49-2091)	1	1	0	0%
Electric Motor, Power Tool, and Related Repairers (49-2092)	9	9	0	0%
Electrical and Electronics Installers and Repairers, Transportation Equipment (49-2093)	2	2	0	0%
Electrical and Electronics Repairers, Commercial and Industrial Equipment (49-2094)	15	16	1	7%
Electrical and Electronics Repairers, Powerhouse, Substation, and Relay (49-2095)	6	7	1	17%
Electronic Equipment Installers and Repairers, Motor Vehicles (49-2096)	6	6	0	0%

Electronic Home Entertainment Equipment Installers and Repairers (49-2097)	15	12	-3	-20%
Security and Fire Alarm Systems Installers (49-2098)	9	9	0	0%
Aircraft Mechanics and Service Technicians (49-3011)	10	9	-1	-10%
Automotive Body and Related Repairers (49-3021)	66	59	-7	-11%
Automotive Glass Installers and Repairers (49-3022)	5	5	0	0%
Automotive Service Technicians and Mechanics (49-3023)	446	443	-3	-1%
Bus and Truck Mechanics and Diesel Engine Specialists (49-3031)	139	147	8	6%
Farm Equipment Mechanics and Service Technicians (49-3041)	10	12	2	20%
Mobile Heavy Equipment Mechanics, Except Engines (49-3042)	25	27	2	8%
Rail Car Repairers (49-3043)	4	4	0	0%
Motorboat Mechanics and Service Technicians (49-3051)	5	4	-1	-20%
Motorcycle Mechanics (49-3052)	3	2	-1	-33%
Outdoor Power Equipment and Other Small Engine Mechanics (49-3053)	33	36	3	9%
Bicycle Repairers (49-3091)	3	3	0	0%
Recreational Vehicle Service Technicians (49-3092)	4	3	-1	-25%
Tire Repairers and Changers (49-3093)	91	100	9	10%
Mechanical Door Repairers (49-9011)	23	23	0	0%
Control and Valve Installers and Repairers, Except Mechanical Door (49-9012)	9	10	1	11%
Heating, Air Conditioning, and Refrigeration Mechanics and Installers (49-9021)	98	97	-1	-1%
Home Appliance Repairers (49-9031)	19	18	-1	-5%

Industrial Machinery Mechanics (49-9041)	196	213	17	9%
Maintenance Workers, Machinery (49-9043)	31	33	2	6%
Millwrights (49-9044)	14	13	-1	-7%
Refractory Materials Repairers, Except Brickmasons (49-9045)	1	1	0	0%
Electrical Power-Line Installers and Repairers (49-9051)	59	67	8	14%
Telecommunications Line Installers and Repairers (49-9052)	41	46	5	12%
Camera and Photographic Equipment Repairers (49-9061)	1	1	0	0%
Medical Equipment Repairers (49-9062)	13	13	0	0%
Musical Instrument Repairers and Tuners (49-9063)	5	6	1	20%
Watch Repairers (49-9064)	2	2	0	0%
Precision Instrument and Equipment Repairers, All Other (49-9069)	6	6	0	0%
Maintenance and Repair Workers, General (49-9071)	480	512	32	7%
Wind Turbine Service Technicians (49-9081)	3	3	0	0%
Coin, Vending, and Amusement Machine Servicers and Repairers (49-9091)	10	12	2	20%
Commercial Divers (49-9092)	2	2	0	0%
Fabric Menders, Except Garment (49-9093)	0	0	0	0%
Locksmiths and Safe Repairers (49-9094)	5	5	0	0%
Manufactured Building and Mobile Home Installers (49-9095)	1	1	0	0%
Riggers (49-9096)	6	7	1	17%
Signal and Track Switch Repairers (49-9097)	3	3	0	0%
Helpers--Installation, Maintenance, and Repair Workers (49-9098)	35	36	1	3%
Installation, Maintenance, and Repair Workers, All Other (49-9099)	71	72	1	1%

Percentile Earnings for Installation, Maintenance, and Repair Occupations (49-0000)

\$13.75/hr

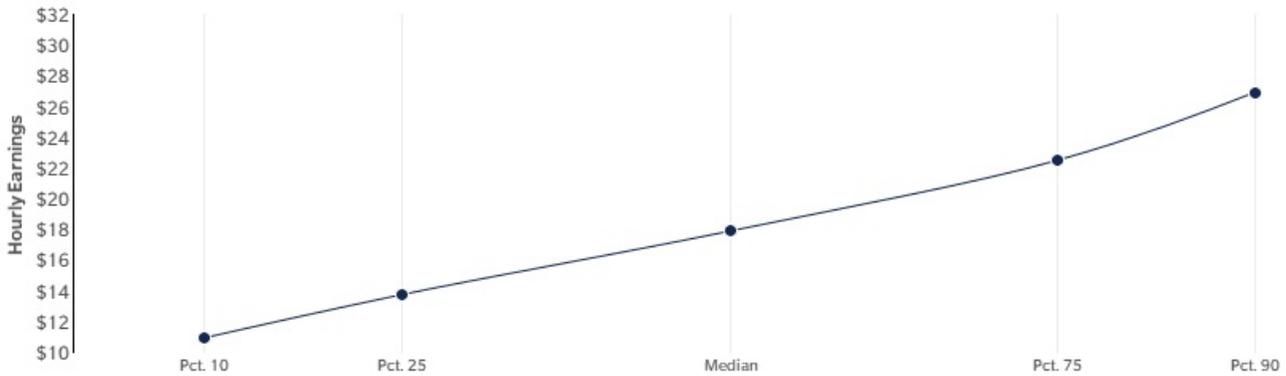
25th Percentile Earnings

\$17.89/hr

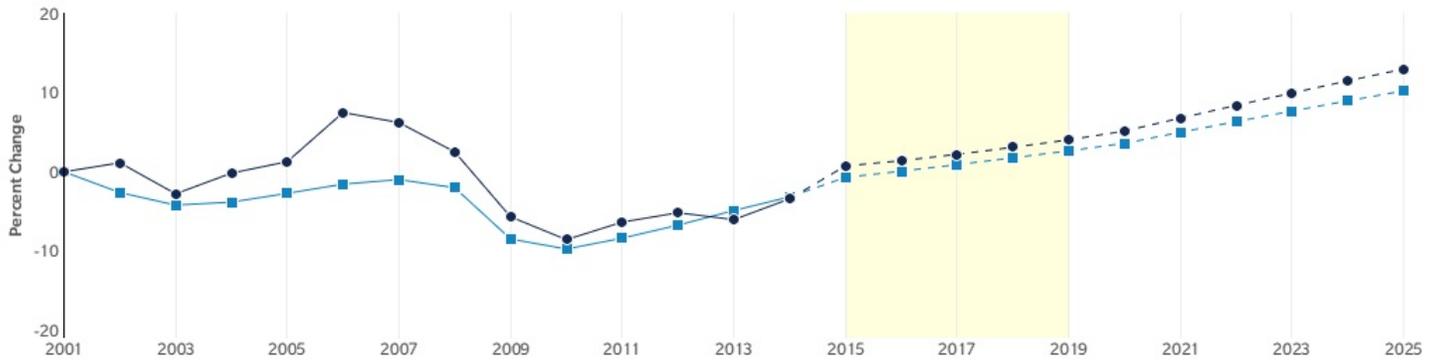
Median Earnings

\$22.51/hr

75th Percentile Earnings



Regional Trends



Region	2015 Jobs	2019 Jobs	Change	% Change
● Region	2,324	2,400	76	3.3%
■ United States	5,360,396	5,541,269	180,873	3.4%

Regional Breakdown



County	2019 Jobs
Clermont County, OH	2,400

Job Postings Summary

73

Unique Postings (Jul 2015)
288 Total Postings

4 : 1

Posting Intensity (Jul 2015)
Regional Average: 6 : 1

There were 288 total job postings for *Installation, Maintenance, and Repair Occupations* in July 2015, of which 73 were unique. These numbers give us a Posting Intensity of 4-to-1, meaning that for every 4 postings there is 1 unique job posting.

This is lower than the Posting Intensity for all other occupations and companies in the region (6-to-1), indicating that companies may not be trying as hard to hire this position.

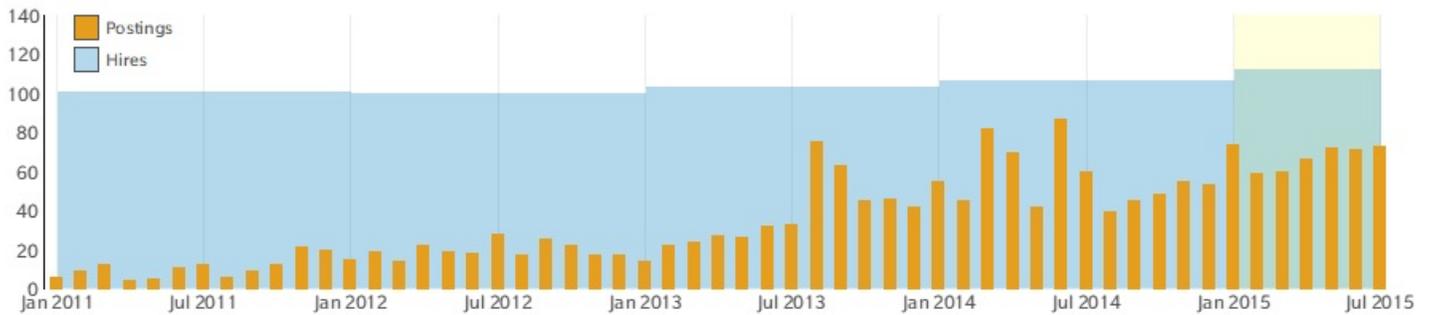
Postings vs. Hires

68

Avg. Monthly Postings (Jan 2015 - Jul 2015)

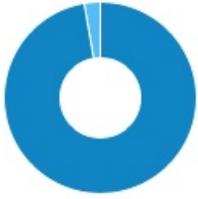
113

Avg. Monthly Hires (Jan 2015 - Jul 2015)



Occupation	Avg Monthly Postings (Jan 2015 - Jul 2015)	Avg Monthly Hires (Jan 2015 - Jul 2015)
Installation, Maintenance, and Repair Occupations	68	113

Occupation Gender Breakdown



Gender	2015 Jobs	2015 Percent
● Males	2,261	97.3%
● Females	63	2.7%

Occupation Age Breakdown



Age	2015 Jobs	2015 Percent
● 14-18	20	0.9%
● 19-24	215	9.2%
● 25-34	489	21.0%
● 35-44	536	23.1%
● 45-54	594	25.6%
● 55-64	380	16.4%
● 65+	89	3.8%

Occupation Race/Ethnicity Breakdown



Race/Ethnicity	2015 Jobs	2015 Percent
White	2,186	94.1%
Black or African American	89	3.8%
Hispanic or Latino	27	1.1%
Two or More Races	10	0.4%
Asian	9	0.4%
American Indian or Alaska Native	3	0.1%
Native Hawaiian or Other Pacific Islander	0	0.0%

Occupational Programs

<p>0</p> <p>Programs (2014)</p>	<p>0</p> <p>Completions (2014)</p>	<p>154</p> <p>Openings (2014)</p>
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Industries Employing Installation, Maintenance, and Repair Occupations

Industry	Occupation Jobs in Industry (2015)	% of Occupation in Industry (2015)	% of Total Jobs in Industry (2015)
New Car Dealers	234	10.0%	26.7%
Automotive Parts and Accessories Stores	135	5.8%	33.6%
General Automotive Repair	121	5.2%	72.9%
Plumbing, Heating, and Air-Conditioning Contractors	96	4.1%	21.8%
Local Government, Excluding Education and Hospitals	94	4.1%	3.9%

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.

Job Postings Data

In partnership with EMSI's parent company CareerBuilder and other third party aggregators, EMSI collects its job postings data by scraping approximately 30,000 websites. EMSI then cleans the data and applies a two-step deduplication process to present an estimate of total unique postings. Normalization of data fields is performed using machine-learning technologies, which leverage not just job postings data but also CareerBuilder's extensive database of résumés and profiles.

Hires Data

EMSI produces hires data using a proprietary methodology which incorporates data from the Quarterly Workforce indicators (QWI) and American Community Survey (ACS).

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: Kentucky Office of Employment and Training; Ohio Department of Job and Family Services, Labor Market Information Division