

Occupation Overview

EMSI Q2 2015 Data Set

756 Old State Route 74
Cincinnati, Ohio 45245
513.943.3000

Parameters

Occupations

Code	Description
47-0000	Construction and Extraction Occupations

Regions

Code	Description
39025	Clermont County, OH

Timeframe

2015 - 2019

Datarun

2015.2 – QCEW Employees

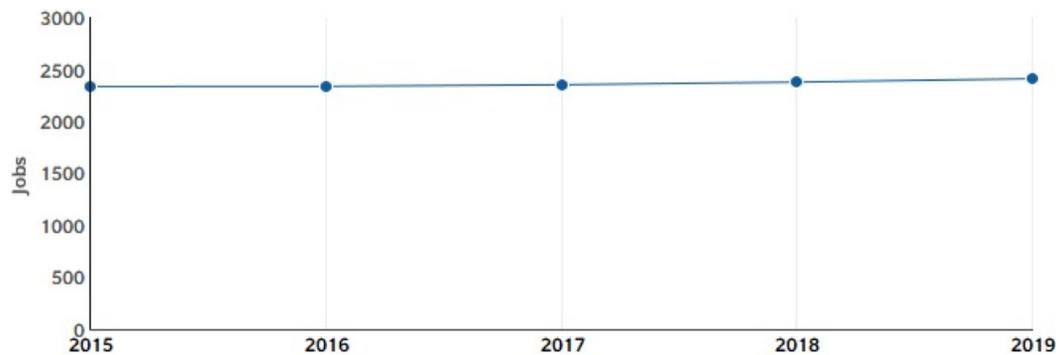
Construction and Extraction Occupations in Clermont County, OH

Occupation Summary for Construction and Extraction Occupations

<p>2,339 Jobs (2015) 5% above National average</p>	<p>+3.2% % Change (2015-2019) Nation: +3.4%</p>	<p>\$18.19/hr Median Hourly Earnings Nation: \$20.50/hr</p>
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Growth

2,339 2015 Jobs	2,414 2019 Jobs	75 Change (2015-2019)	3.2% % Change (2015-2019)
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Occupation	2015 Jobs	2019 Jobs	Change	% Change
First-Line Supervisors of Construction Trades and Extraction Workers (47-1011)	193	198	5	3%
Boilermakers (47-2011)	5	5	0	0%
Brickmasons and Blockmasons (47-2021)	53	50	-3	-6%
Stonemasons (47-2022)	1	1	0	0%
Carpenters (47-2031)	289	276	-13	-4%
Carpet Installers (47-2041)	13	12	-1	-8%
Floor Layers, Except Carpet, Wood, and Hard Tiles (47-2042)	2	2	0	0%
Floor Sanders and Finishers (47-2043)	2	2	0	0%
Tile and Marble Setters (47-2044)	9	9	0	0%
Cement Masons and Concrete Finishers (47-2051)	48	46	-2	-4%
Terrazzo Workers and Finishers (47-2053)	1	1	0	0%
Construction Laborers (47-2061)	362	374	12	3%
Paving, Surfacing, and Tamping Equipment Operators (47-2071)	29	33	4	14%

Pile-Driver Operators (47-2072)	0	0	0	0%
Operating Engineers and Other Construction Equipment Operators (47-2073)	168	178	10	6%
Drywall and Ceiling Tile Installers (47-2081)	24	19	-5	-21%
Tapers (47-2082)	4	3	-1	-25%
Electricians (47-2111)	210	216	6	3%
Glaziers (47-2121)	28	24	-4	-14%
Insulation Workers, Floor, Ceiling, and Wall (47-2131)	5	4	-1	-20%
Insulation Workers, Mechanical (47-2132)	12	9	-3	-25%
Painters, Construction and Maintenance (47-2141)	220	266	46	21%
Paperhangers (47-2142)	6	7	1	17%
Pipelayers (47-2151)	13	11	-2	-15%
Plumbers, Pipefitters, and Steamfitters (47-2152)	157	151	-6	-4%
Plasterers and Stucco Masons (47-2161)	9	7	-2	-22%
Reinforcing Iron and Rebar Workers (47-2171)	16	14	-2	-13%
Roofers (47-2181)	110	145	35	32%
Sheet Metal Workers (47-2211)	62	62	0	0%
Structural Iron and Steel Workers (47-2221)	55	48	-7	-13%
Solar Photovoltaic Installers (47-2231)	1	1	0	0%
Helpers--Brickmasons, Blockmasons, Stonemasons, and Tile and Marble Setters (47-3011)	13	13	0	0%
Helpers--Carpenters (47-3012)	17	16	-1	-6%
Helpers--Electricians (47-3013)	9	10	1	11%
Helpers--Painters, Paperhangers, Plasterers, and Stucco Masons (47-3014)	7	8	1	14%
Helpers--Pipelayers, Plumbers, Pipefitters, and Steamfitters (47-3015)	10	11	1	10%

Helpers--Roofers (47-3016)	10	14	4	40%
Helpers, Construction Trades, All Other (47-3019)	4	4	0	0%
Construction and Building Inspectors (47-4011)	25	25	0	0%
Elevator Installers and Repairers (47-4021)	5	3	-2	-40%
Fence Erectors (47-4031)	7	8	1	14%
Hazardous Materials Removal Workers (47-4041)	7	7	0	0%
Highway Maintenance Workers (47-4051)	76	78	2	3%
Rail-Track Laying and Maintenance Equipment Operators (47-4061)	5	4	-1	-20%
Septic Tank Servicers and Sewer Pipe Cleaners (47-4071)	4	4	0	0%
Segmental Pavers (47-4091)	0	0	0	0%
Construction and Related Workers, All Other (47-4099)	17	18	1	6%
Derrick Operators, Oil and Gas (47-5011)	0	0	0	0%
Rotary Drill Operators, Oil and Gas (47-5012)	0	0	0	0%
Service Unit Operators, Oil, Gas, and Mining (47-5013)	3	3	0	0%
Earth Drillers, Except Oil and Gas (47-5021)	4	3	-1	-25%
Explosives Workers, Ordnance Handling Experts, and Blasters (47-5031)	0	0	0	0%
Continuous Mining Machine Operators (47-5041)	1	1	0	0%
Mine Cutting and Channeling Machine Operators (47-5042)	1	1	0	0%
Mining Machine Operators, All Other (47-5049)	0	0	0	0%
Rock Splitters, Quarry (47-5051)	1	1	0	0%
Roof Bolters, Mining (47-5061)	0	0	0	0%
Roustabouts, Oil and Gas (47-5071)	2	2	0	0%
Helpers--Extraction Workers (47-5081)	3	3	0	0%
Extraction Workers, All Other (47-5099)	0	0	0	0%

Percentile Earnings for Construction and Extraction Occupations (47-0000)

\$14.43/hr

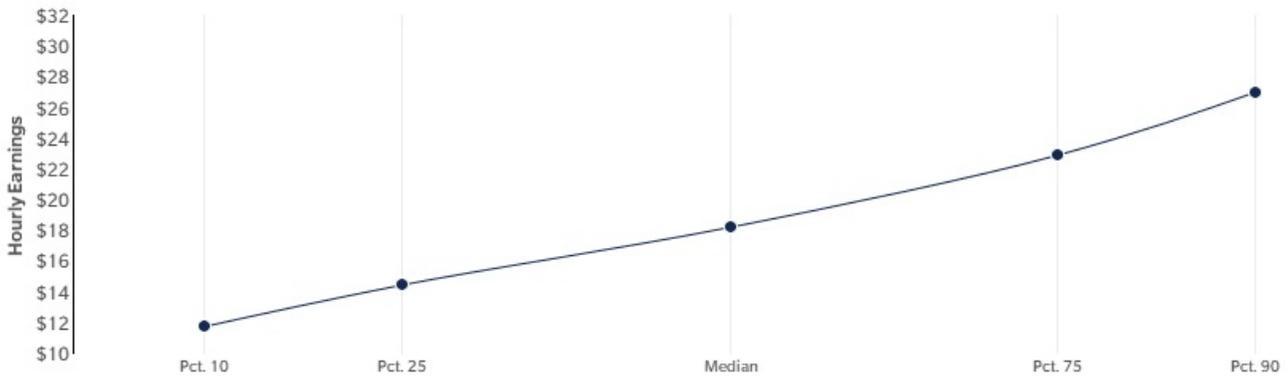
25th Percentile Earnings

\$18.19/hr

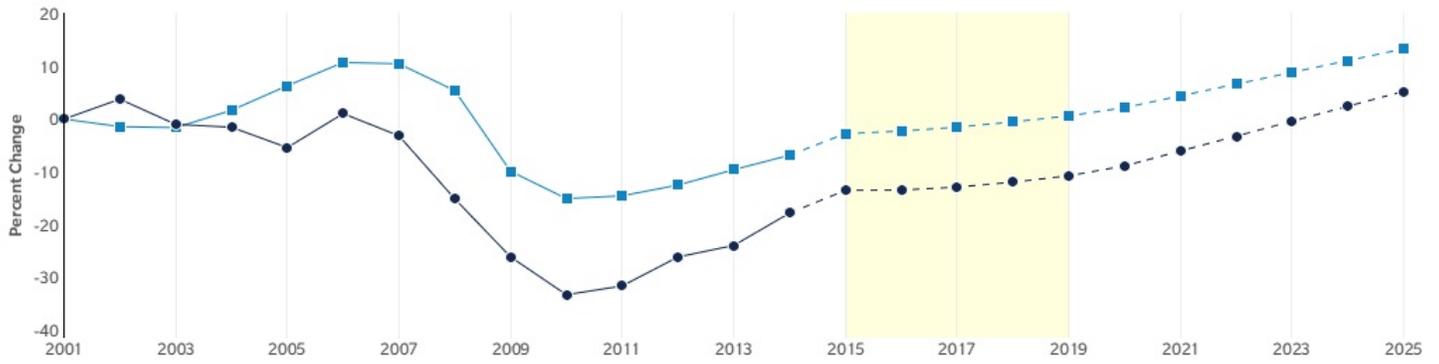
Median Earnings

\$22.90/hr

75th Percentile Earnings



Regional Trends



Region	2015 Jobs	2019 Jobs	Change	% Change
● Region	2,339	2,414	75	3.2%
■ United States	5,480,230	5,669,052	188,822	3.4%

Regional Breakdown



County	2019 Jobs
Clermont County, OH	2,414

Job Postings Summary

31

Unique Postings (Jul 2015)
150 Total Postings

5 : 1

Posting Intensity (Jul 2015)



There were 150 total job postings for *Construction and Extraction Occupations* in July 2015, of which 31 were unique. These numbers give us a Posting Intensity of 5-to-1, meaning that for every 5 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.

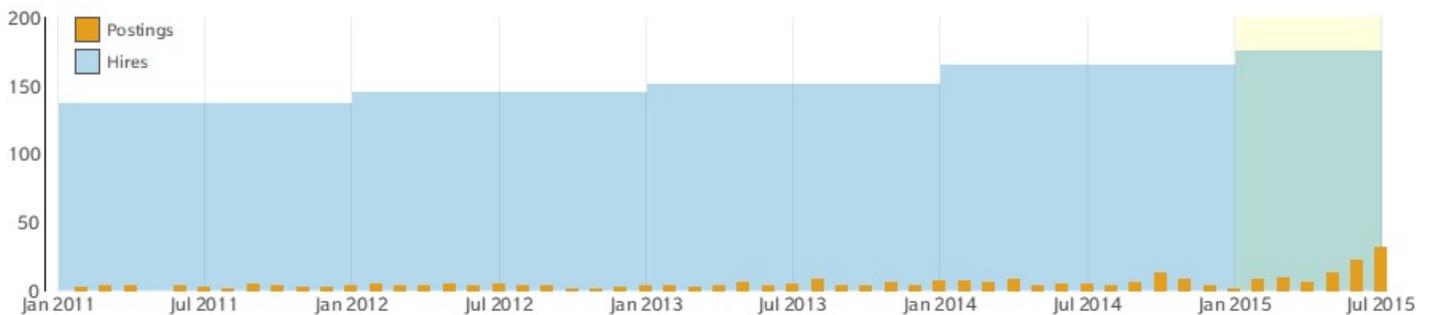
Postings vs. Hires

13

Avg. Monthly Postings (Jan 2015 - Jul 2015)

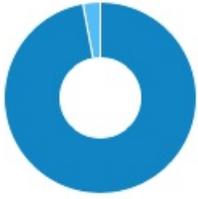
177

Avg. Monthly Hires (Jan 2015 - Jul 2015)



Occupation	Avg Monthly Postings (Jan 2015 - Jul 2015)	Avg Monthly Hires (Jan 2015 - Jul 2015)
Construction and Extraction Occupations	13	177

Occupation Gender Breakdown



Gender	2015 Jobs	2015 Percent
● Males	2,271	97.1%
● Females	68	2.9%

Occupation Age Breakdown



Age	2015 Jobs	2015 Percent
● 14-18	21	0.9%
● 19-24	222	9.5%
● 25-34	568	24.3%
● 35-44	600	25.6%
● 45-54	579	24.7%
● 55-64	294	12.6%
● 65+	56	2.4%

Occupation Race/Ethnicity Breakdown



Race/Ethnicity	2015 Jobs	2015 Percent
White	2,178	93.1%
Black or African American	77	3.3%
Hispanic or Latino	68	2.9%
Two or More Races	6	0.3%
Asian	6	0.3%
American Indian or Alaska Native	4	0.2%
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>157</p> <p>Openings (2014)</p>
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Industries Employing Construction and Extraction Occupations

Industry	Occupation Jobs in Industry (2015)	% of Occupation in Industry (2015)	% of Total Jobs in Industry (2015)
Plumbing, Heating, and Air-Conditioning Contractors	202	8.6%	45.8%
Painting and Wall Covering Contractors	199	8.5%	88.8%
Commercial and Institutional Building Construction	163	7.0%	57.7%
Electrical Contractors and Other Wiring Installation Contractors	163	7.0%	66.4%
All Other Specialty Trade Contractors	158	6.8%	63.5%

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