Electricians
in 3 Texas Counties

Contents

What is Emsi Data?

Electricians (SOC 47-2111):
Install, maintain, and repair electrical wiring, equipment, and fixtures. Ensure that work is in accordance with relevant codes. May install or service street lights, intercom systems, or electrical control systems. Excludes Security and Fire Alarm Systems Installers (49-2098).

Sample of Reported Job Titles:
Maintenance Electrician
Industrial Electrician
Chief Electrician
Electrician
Control Electrician
Qualified Craft Worker, Electrician (QCW, Electrician)
Mechanical Trades Specialist, Electrician
Journeyman Wireman
Journeyman Electrician
Inside Wireman

Related O*NET Occupation:
Electricians (47-2111.00)

Emsi data is a hybrid dataset derived from official government sources such as the US Census Bureau, Bureau of Economic Analysis, and Bureau of Labor Statistics. Leveraging the unique strengths of each source, our data modeling team creates an authoritative dataset that captures more than 99% of all workers in the United States. This core offering is then enriched with data from online social profiles, resumés, and job postings to give you a complete view of the workforce.

Emsi data is frequently cited in major publications such as *The Atlantic*, *Forbes*, *Harvard Business Review*, *The New York Times*, *The Wall Street Journal*, and *USA Today*.

Report Parameters

1 Occupation

47-2111	Electricians

3 Counties

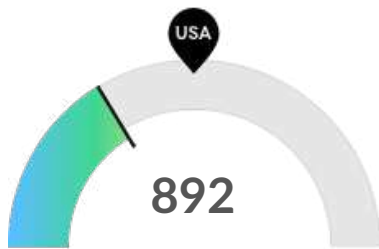|				
48215	Hidalgo County, TX		48489	Willacy County, TX
48427	Starr County, TX			

Class of Worker

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

The information in this report pertains to the chosen occupation and geographical areas.
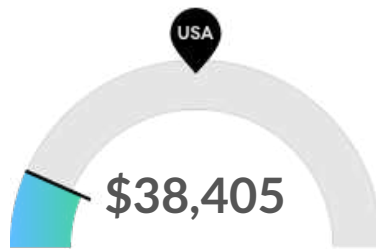
Executive Summary

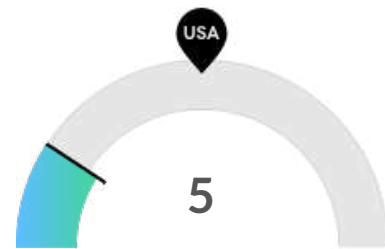## Light Job Posting Demand Over a Thin Supply of Regional Jobs

892
Jobs (2020)

Your area is not a hotspot for this kind of job. The national average for an area this size is 1,565* employees, while there are 892 here.

$38,405
Compensation

Earnings are low in your area. The national median salary for Electricians is $55,293, compared to $38,405 here.

5
Job Posting Demand

Job posting activity is low in your area. The national average for an area this size is 18* job postings/mo, while there are 5 here.

*National average values are derived by taking the national value for Electricians and scaling it down to account for the difference in overall workforce size between the nation and your area. In other words, the values represent the national average adjusted for region size.

Jobs

## Regional Employment Is Lower Than the National Average

An average area of this size typically has 1,565* jobs, while there are 892 here. This lower than average supply of jobs may make it more difficult for workers in this field to find employment in your area.
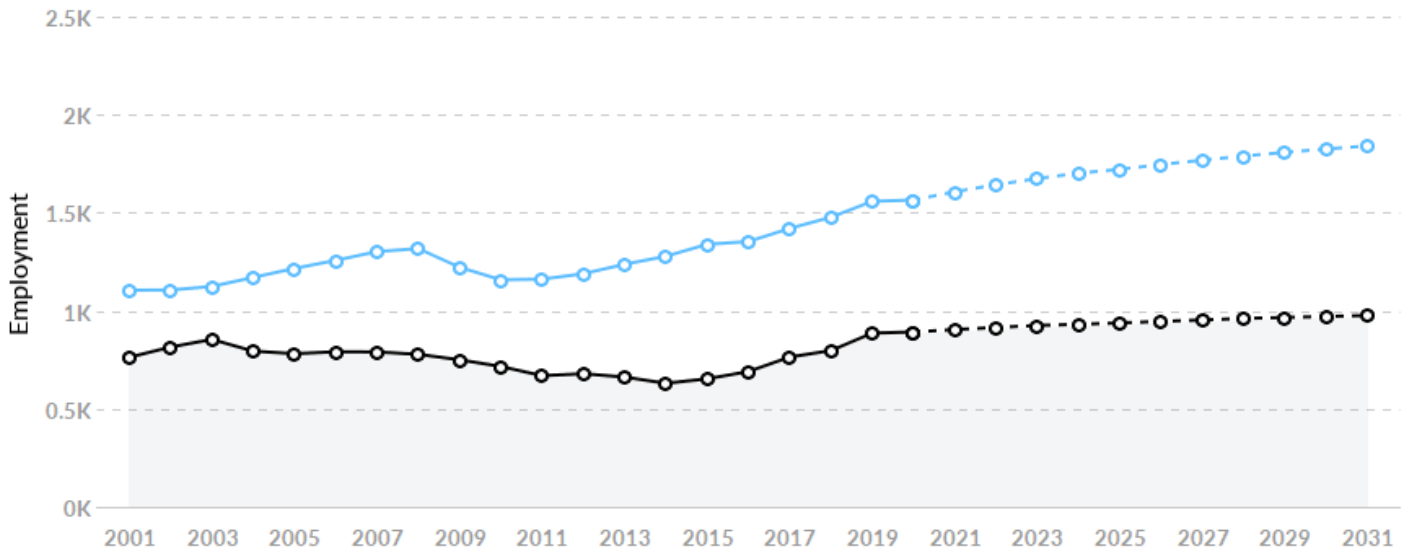
|	Region	2020 Jobs	2030 Jobs	Change	% Change
●	3 Texas Counties	892	971	79	8.9%
●	National Average	1,565	1,825	260	16.6%

*National average values are derived by taking the national value for Electricians and scaling it down to account for the difference in overall workforce size between the nation and your area. In other words, the values represent the national average adjusted for region size.

Regional Breakdown
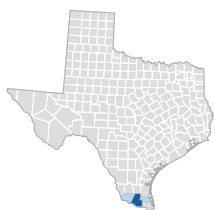
County	2020 Jobs
Hidalgo County, TX	814
Starr County, TX	55
Willacy County, TX	23

## Most Jobs are Found in the Building Equipment Contractors Industry Sector
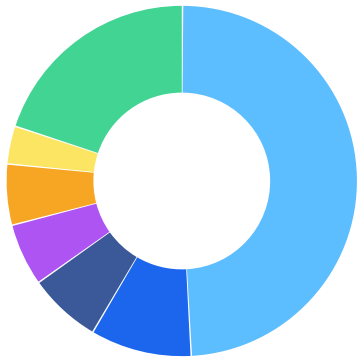
Industry	% of Occupation in Industry (2020)
● Building Equipment Contractors	49.1%
● Residential Building Construction	9.3%
● Building Finishing Contractors	6.7%
● Other Specialty Trade Contractors	5.8%
● Foundation, Structure, and Building Exterior Contractors	5.6%
● Nonresidential Building Construction	3.5%
● Other	20.0%

Compensation

Regional Compensation Is 31% Lower Than National Compensation

For Electricians, the 2019 median wage in your area is $38,405, while the national median wage is $55,293.
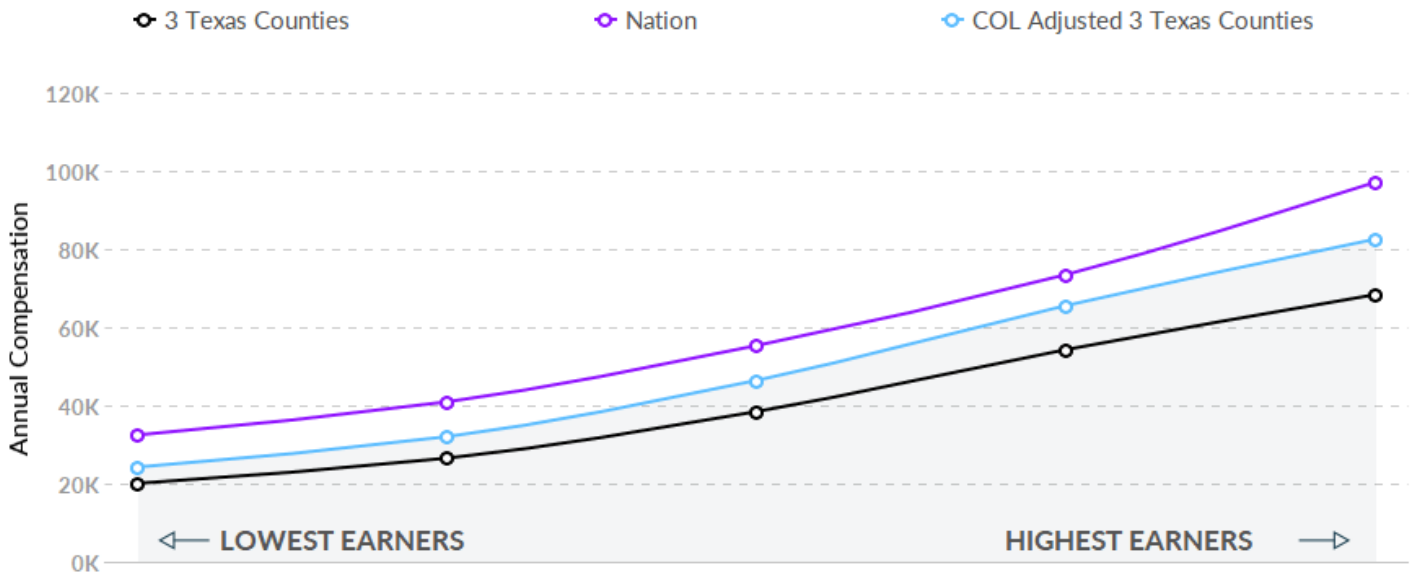
Job Posting Activity

78 Unique Job Postings

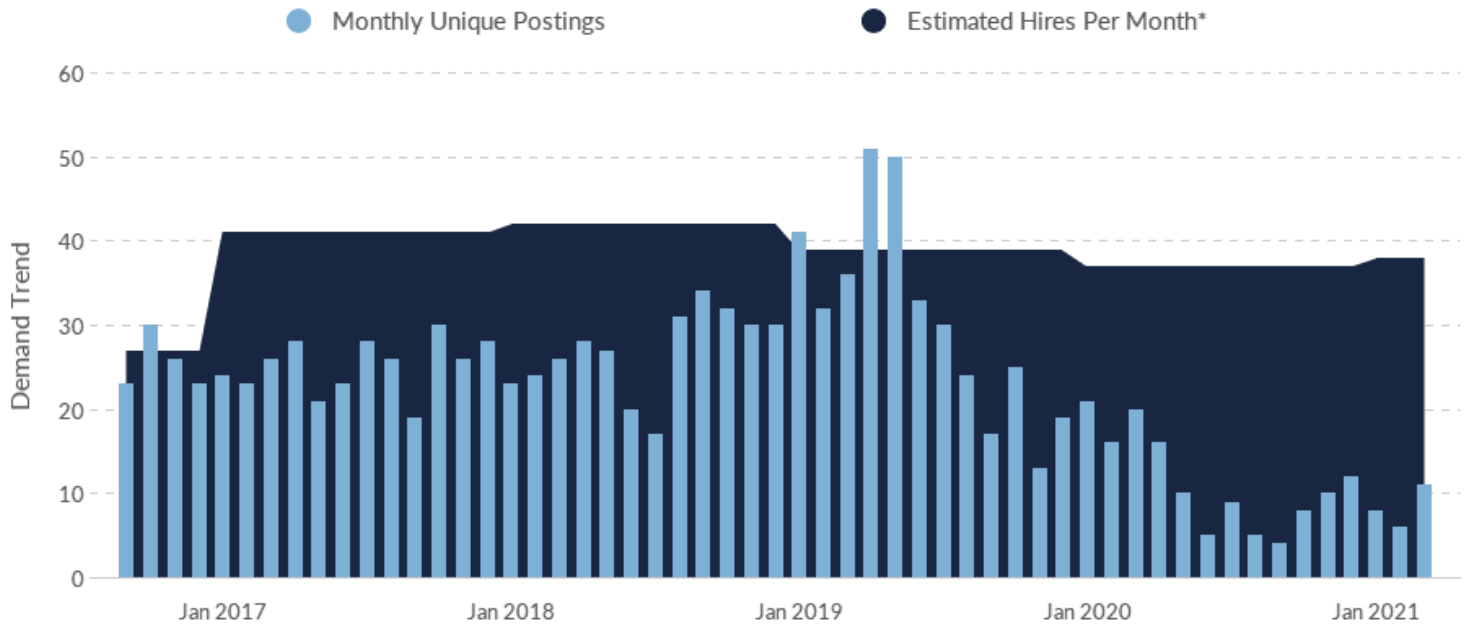The number of unique postings for this job from Jan 2020 to Mar 2021.

54 Employers Competing

All employers in the region who posted for this job from Jan 2020 to Mar 2021.

24 Day Median Duration

Posting duration is 9 days shorter than what's typical in the region.

● Monthly Unique Postings   ● Estimated Hires Per Month*

Occupation	Avg Monthly Postings (Jan 2020 - Mar 2021)	Avg Monthly Hires (Jan 2020 - Mar 2021)
Electricians	11	38

*A hire is reported by the Quarterly Workforce Indicators when an individual's Social Security Number appears on a company's payroll and was not there the quarter before. Emsi hires are calculated using a combination of Emsi jobs data, information on separation rates from the Bureau of Labor Statistics (BLS), and industry-based hires data from the Census Bureau.

Top Companies	Unique Postings		Top Job Titles	Unique Postings	
Wonderful Citrus Packing LLC	4		Electricians	15	
Asarco LLC	3		Journeyman Electricians	14	
City of Edinburg	3		Maintenance Electricians	10	
Edinburg Consolidated Independ…	3		Electrical Quality Engineers	3	
HomeAdvisor, Inc.	3		Journeyman/Apprentice Electric…	3	
National Aerospace Solutions, L…	3		Residential Electricians	3	
Argus Energy, LLC	2		Electrician Leaders	2	
Infinity Energy	2		Electronics Technicians 1st Class	2	
Stafflink Ltd	2		High Voltage Technicians	2	
Stanley Black & Decker, Inc.	2		Master Electricians	2	

Top Hard Skills

● Frequency in Job Postings   ● Frequency in Profiles
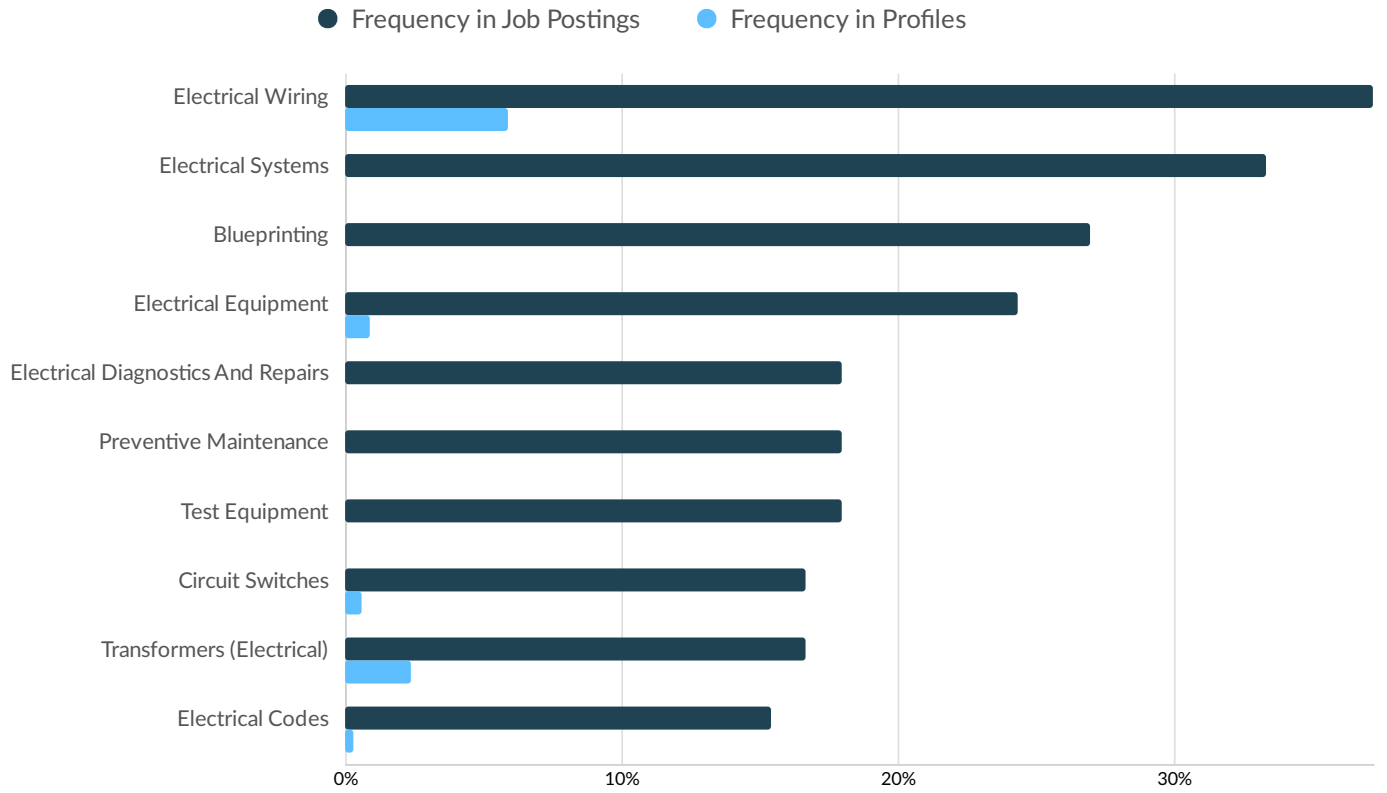
Skills	Postings	% of Total Postings	Profiles	% of Total Profiles
Electrical Wiring	29	37%	20	6%
Electrical Systems	26	33%	0	0%
Blueprinting	21	27%	0	0%
Electrical Equipment	19	24%	3	1%
Electrical Diagnostics And Repairs	14	18%	0	0%
Preventive Maintenance	14	18%	0	0%
Test Equipment	14	18%	0	0%
Circuit Switches	13	17%	2	1%
Transformers (Electrical)	13	17%	8	2%
Electrical Codes	12	15%	1	0%

Top Common Skills

● Frequency in Job Postings   ● Frequency in Profiles
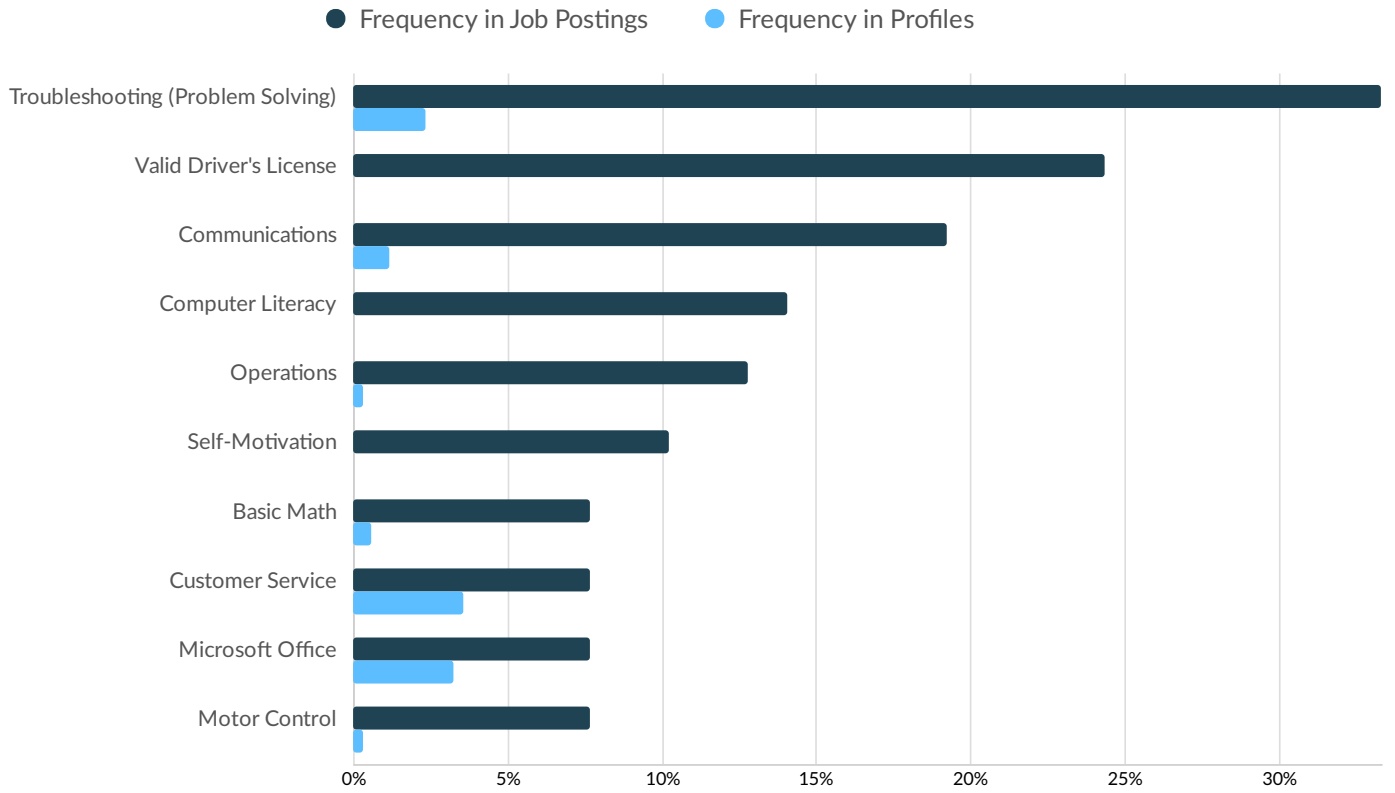
Skills	Postings	% of Total Postings	Profiles	% of Total Profiles
Troubleshooting (Problem Solving)	26	33%	8	2%
Valid Driver's License	19	24%	0	0%
Communications	15	19%	4	1%
Computer Literacy	11	14%	0	0%
Operations	10	13%	1	0%
Self-Motivation	8	10%	0	0%
Basic Math	6	8%	2	1%
Customer Service	6	8%	12	4%
Microsoft Office	6	8%	11	3%
Motor Control	6	8%	1	0%

Demographics

Retirement Risk Is High, While Overall Diversity Is High
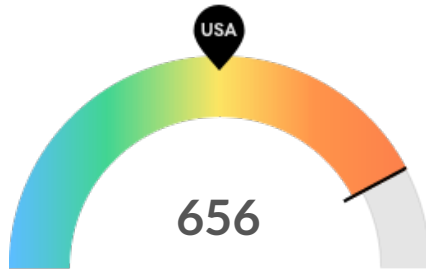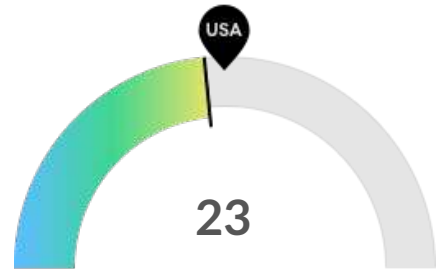
215
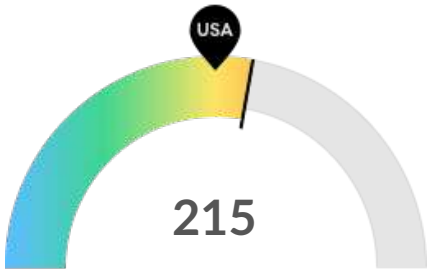
Retiring Soon

Retirement risk is high in your area. The national average for an area this size is 183* employees 55 or older, while there are 215 here.

656

Racial Diversity

Racial diversity is high in your area. The national average for an area this size is 244* racially diverse employees, while there are 656 here.

23

Gender Diversity

Gender diversity is about average in your area. The national average for an area this size is 25* female employees, while there are 23 here.

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Occupation Age Breakdown
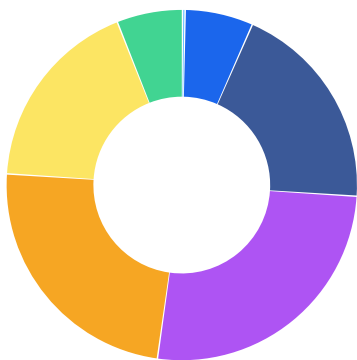
		% of Jobs	Jobs
●	14-18	0.2%	2
●	19-24	6.3%	56
●	25-34	19.4%	173
●	35-44	26.2%	234
●	45-54	23.8%	212
●	55-64	18.0%	161
●	65+	6.1%	54

Occupation Race/Ethnicity Breakdown
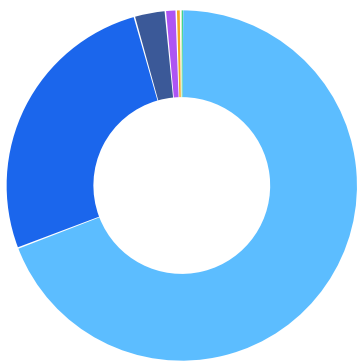
	% of Jobs	Jobs
● Hispanic or Latino	69.1%	617
● White	26.4%	236
● Black or African American	2.9%	26
● Asian	1.0%	9
● Two or More Races	0.4%	4
● American Indian or Alaska Native	0.2%	1
● Native Hawaiian or Other Pacific Islander	0.0%	0

Occupation Gender Breakdown
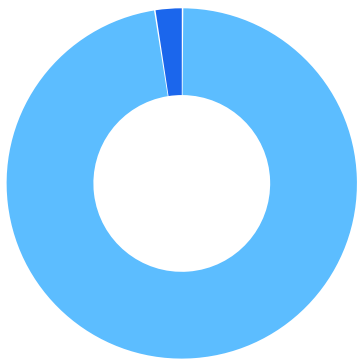
	% of Jobs	Jobs
● Males	97.5%	870
● Females	2.5%	23

National Educational Attainment
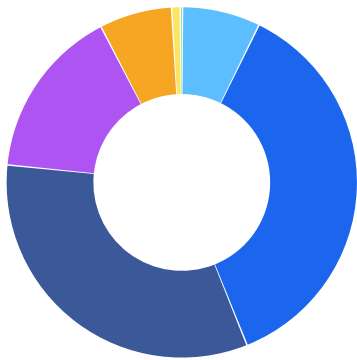
		% of Jobs
🔵	Less than high school diploma	7.2%
🔵	High school diploma or equivalent	36.7%
🔵	Some college, no degree	32.7%
🟣	Associate's degree	15.8%
🟠	Bachelor's degree	6.7%
🟡	Master's degree	0.8%
🟢	Doctoral or professional degree	0.2%

Occupational Programs

1 Program

Of the programs that can train for this job, 1 has produced completions in the last 5 years.

0 Completions (2019)

The completions from all regional institutions for all degree types.

101 Openings (2019)

The average number of openings for an occupation in the region is 51.

Not enough data to show the Top Programs section.

Not enough data to show the Top Schools section.

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.

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.

Cost of Living Data

Emsi's cost of living data is based on the Cost of Living Index published by the Council for Community and Economic Research (C2ER).

Emsi Job Postings

Job postings are collected from various sources and processed/enriched to provide information such as standardized company name, occupation, skills, and geography.

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.