



Heating, Air Conditioning, and Refrigeration Mechanics and Installers in 3 Texas Counties

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What is Emsi Data?

Heating, Air Conditioning, and Refrigeration Mechanics and Installers (SOC 49-9021):

Install or repair heating, central air conditioning, HVAC, or refrigeration systems, including oil burners, hot-air furnaces, and heating stoves.

Sample of Reported Job Titles:

Refrigeration Mechanic
Service Technician
Mechanic
HVAC Technician (Heating, Ventilation, and Air Conditioning Technician)
HVAC Installer (Heating, Ventilation, and Air Conditioning Installer)
Refrigeration Technician (Refrigeration Tech)
Transportation Refrigeration Technician
Service Technician (Service Tech)
Refrigeration Operator

Related O*NET Occupations:

Heating and Air Conditioning Mechanics and Installers (49-9021.01)
Refrigeration Mechanics and Installers (49-9021.02)

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

49-9021 Heating, Air Conditioning, and Refrigeration Mechan...

3 Counties

48215 Hidalgo County, TX

48489 Willacy County, TX

48427 Starr County, TX

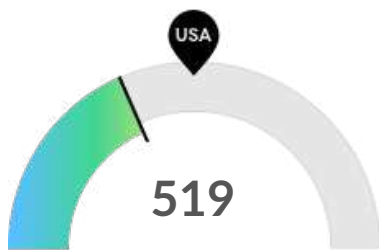
Class of Worker

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

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

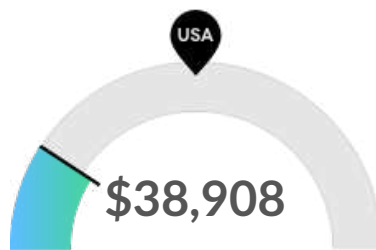
Executive Summary

Light Job Posting Demand Over a Thin Supply of Regional Jobs



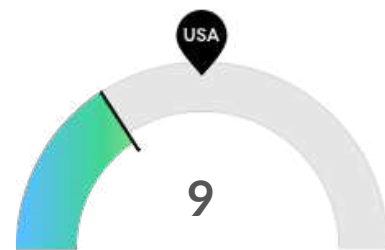
Jobs (2020)

Your area is not a hotspot for this kind of job. The national average for an area this size is 783* employees, while there are 519 here.



Compensation

Earnings are low in your area. The national median salary for Heating, Air Conditioning, and Refrigeration Mechanics and Installers is \$48,051, compared to \$38,908 here.



Job Posting Demand

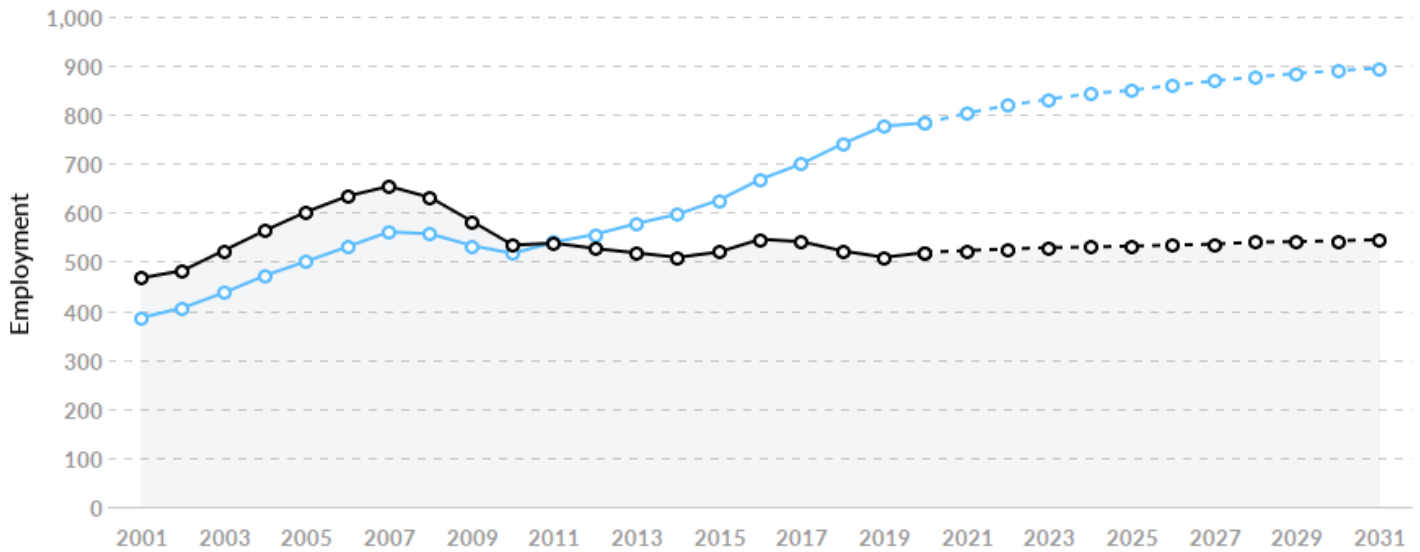
Job posting activity is low in your area. The national average for an area this size is 16* job postings/mo, while there are 9 here.

*National average values are derived by taking the national value for Heating, Air Conditioning, and Refrigeration Mechanics and Installers 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 783* jobs, while there are 519 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	519	543	24	4.7%
● National Average	783	890	106	13.6%

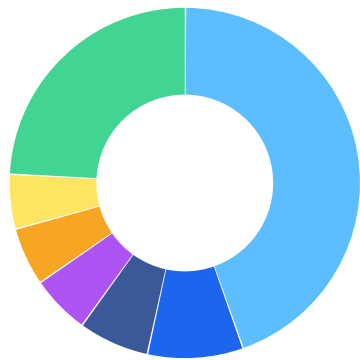
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Regional Breakdown



County	2020 Jobs
Hidalgo County, TX	485
Starr County, TX	26
Willacy County, TX	<10

Most Jobs are Found in the Building Equipment Contractors Industry Sector

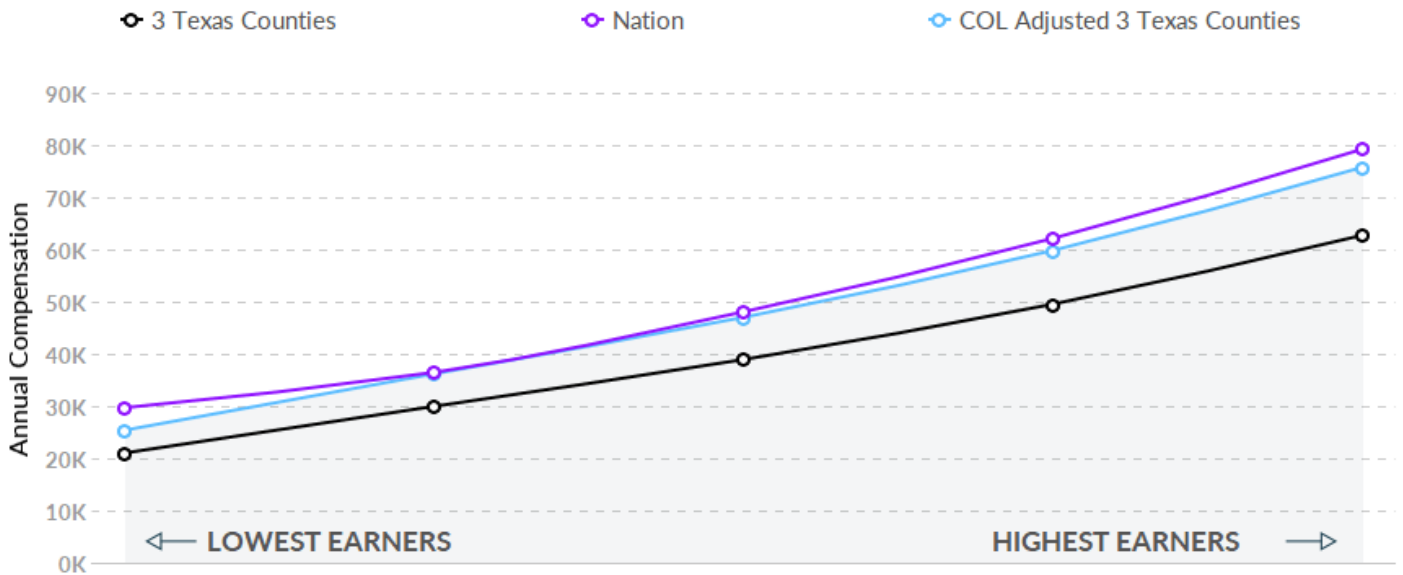


Industry	% of Occupation in Industry (2020)
Building Equipment Contractors	44.5%
Residential Building Construction	8.8%
Building Finishing Contractors	6.5%
Foundation, Structure, and Building Exterior Contractors	5.4%
Other Specialty Trade Contractors	5.4%
Education and Hospitals (Local Government)	5.0%
Other	24.3%

Compensation

Regional Compensation Is 19% Lower Than National Compensation

For Heating, Air Conditioning, and Refrigeration Mechanics and Installers, the 2019 median wage in your area is \$38,908, while the national median wage is \$48,051.



Job Posting Activity



135 Unique Job Postings

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



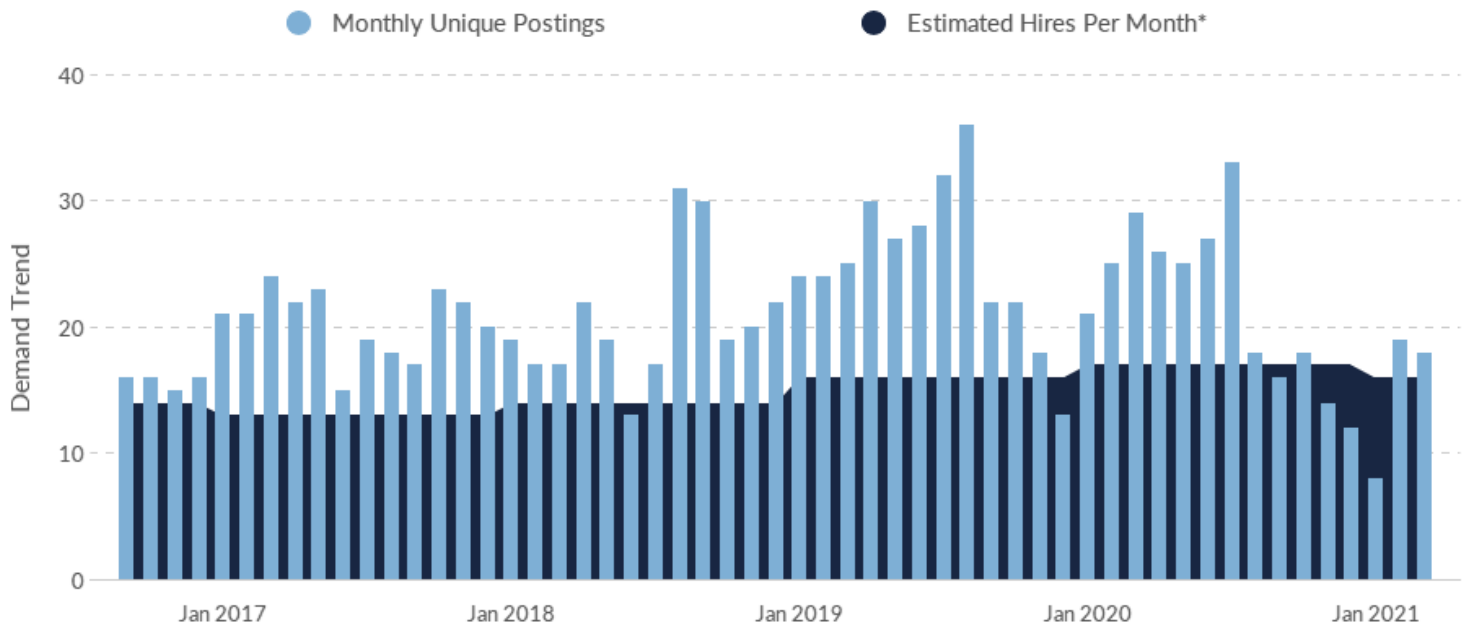
41 Employers Competing

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













30 Day Median Duration











Posting duration is 3 days shorter than what's typical in the region.



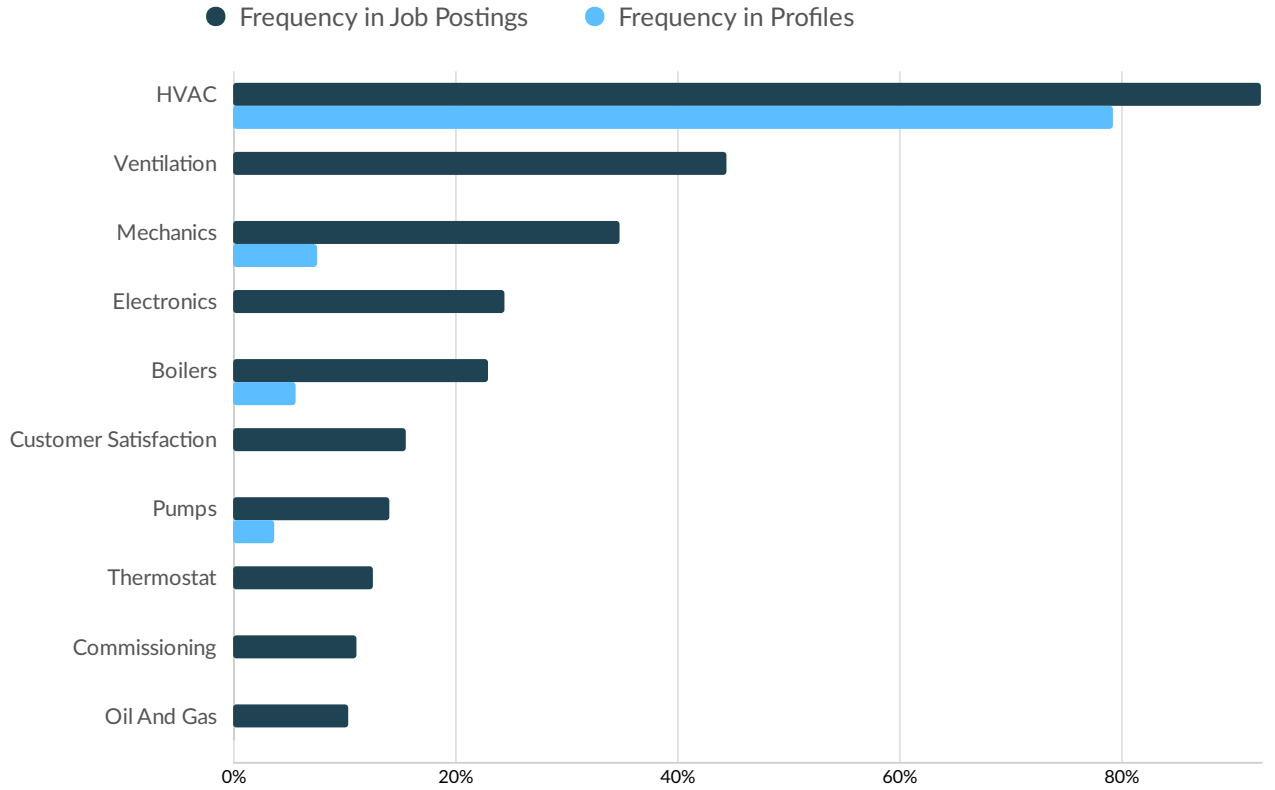
Occupation	Avg Monthly Postings (Jan 2020 - Mar 2021)	Avg Monthly Hires (Jan 2020 - Mar 2021)
Heating, Air Conditioning, and Refrigeration Mechanics and Installers	21	17

*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
My HVAC Career	17 
American AC & Heating Inc	12 
Cdl Career Management Inc	12 
University of Texas Rio Grande ...	6 
Ingersoll-Rand Company	5 
Universal Health Services, Inc.	5 
CMS Mechanical Services, LLC	4 
Advantage Air Conditioning	3 
Department of Labor	3 
Lineage Logistics, LLC	3 

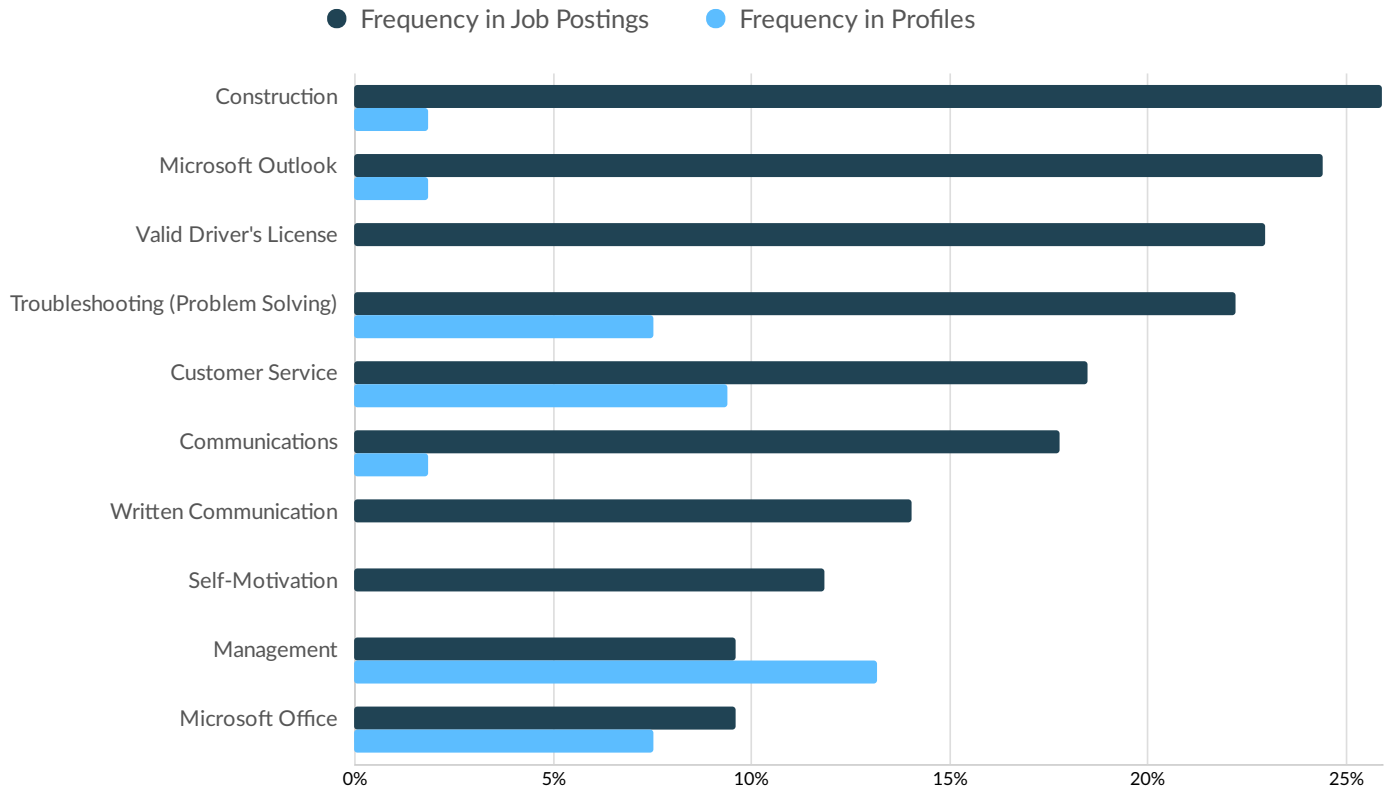
Top Job Titles	Unique Postings
Heating and Air Conditioning Te...	33 
HVAC Technicians	25 
HVAC Service Technicians	12 
HVAC Mechanics	9 
HVAC Field Service Technicians	8 
Canvassing Managers	5 
Commercial HVAC Technicians	4 
Residential HVAC Installers	4 
Air Conditioning/Refrigeration T...	3 
Ammonia Refrigeration Technici...	3 

Top Hard Skills



Skills	Postings	% of Total Postings	Profiles	% of Total Profiles
HVAC	125	93%	42	79%
Ventilation	60	44%	0	0%
Mechanics	47	35%	4	8%
Electronics	33	24%	0	0%
Boilers	31	23%	3	6%
Customer Satisfaction	21	16%	0	0%
Pumps	19	14%	2	4%
Thermostat	17	13%	0	0%
Commissioning	15	11%	0	0%
Oil And Gas	14	10%	0	0%

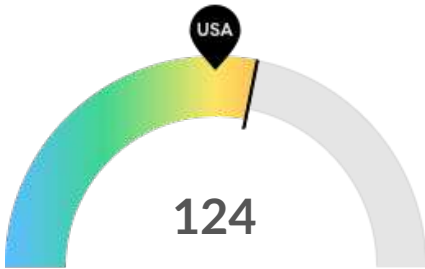
Top Common Skills



Skills	Postings	% of Total Postings	Profiles	% of Total Profiles
Construction	35	26%	1	2%
Microsoft Outlook	33	24%	1	2%
Valid Driver's License	31	23%	0	0%
Troubleshooting (Problem Solving)	30	22%	4	8%
Customer Service	25	19%	5	9%
Communications	24	18%	1	2%
Written Communication	19	14%	0	0%
Self-Motivation	16	12%	0	0%
Management	13	10%	7	13%
Microsoft Office	13	10%	4	8%

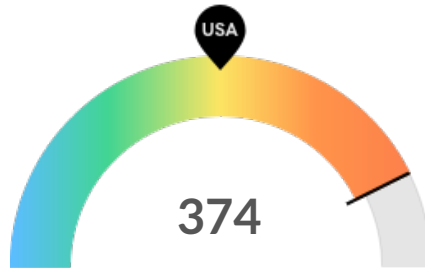
Demographics

Retirement Risk Is High, While Reliable Diversity Information Is Not Available



Retiring Soon

Retirement risk is high in your area. The national average for an area this size is 104* employees 55 or older, while there are 124 here.



Racial Diversity

Racial diversity is high in your area. The national average for an area this size is 135* racially diverse employees, while there are 374 here.

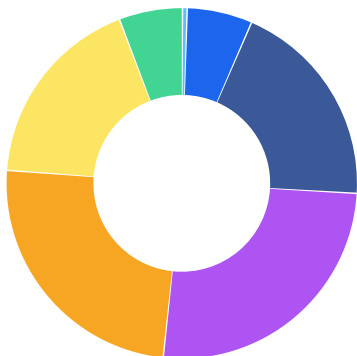


Gender Diversity

Reliable gender diversity information is not available in your area, because there are too few employees.

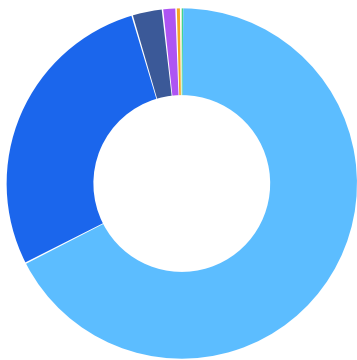
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Occupation Age Breakdown



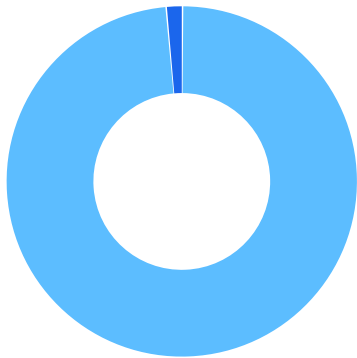
	% of Jobs	Jobs
14-18	0.4%	2
19-24	6.0%	31
25-34	19.4%	101
35-44	25.8%	134
45-54	24.5%	127
55-64	18.0%	94
65+	5.9%	30

Occupation Race/Ethnicity Breakdown



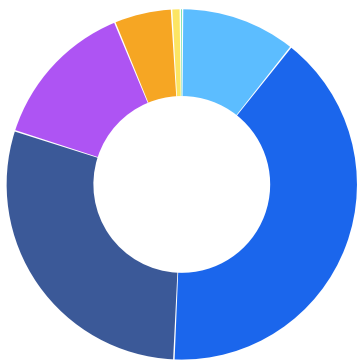
	% of Jobs	Jobs
Hispanic or Latino	67.4%	350
White	27.9%	145
Black or African American	2.8%	15
Asian	1.2%	6
Two or More Races	0.4%	2
American Indian or Alaska Native	0.2%	1
Native Hawaiian or Other Pacific Islander	0.0%	0

Occupation Gender Breakdown



	% of Jobs	Jobs
Males	98.5%	511
Females	1.5%	8

National Educational Attainment



	% of Jobs
● Less than high school diploma	10.6%
● High school diploma or equivalent	40.0%
● Some college, no degree	29.2%
● Associate's degree	13.8%
● Bachelor's degree	5.3%
● 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.



71 Completions (2019)

The completions from all regional institutions for all degree types.



53 Openings (2019)

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

CIP Code	Top Programs	Completions (2019)
47.0201	Heating, Air Conditioning, Ventilation and Refrigeration Mai...	71 <div style="width: 100%;"></div>

Top Schools	Completions (2019)
South Texas College	71 <div style="width: 100%;"></div>

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.