



Welders, Cutters, Solderers, and Brazers in 3 Texas Counties

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What is Emsi Data?

Welders, Cutters, Solderers, and Brazers (SOC 51-4121):

Use hand-welding, flame-cutting, hand-soldering, or brazing equipment to weld or join metal components or to fill holes, indentations, or seams of fabricated metal products.

Sample of Reported Job Titles:

Aluminum Welder
Production Welder
Maintenance Welder
Welder Fabricator
Welder
Solderer
Brazier
Wired
Refrigeration Specialist
Refrigeration Brazier/Solderer

Related O*NET Occupations:

Welders, Cutters, and Welder Fitters (51-4121.06)
Solderers and Braziers (51-4121.07)

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

51-4121 Welders, Cutters, Solderers, and Brazers

3 Counties

48215 Hidalgo County, TX

48489 Willacy County, TX

48427 Starr County, TX

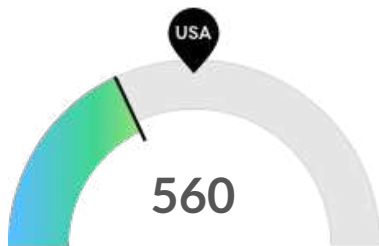
Class of Worker

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



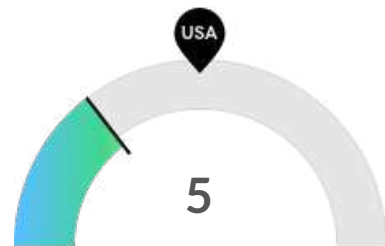
Jobs (2020)

Your area is not a hotspot for this kind of job. The national average for an area this size is 868* employees, while there are 560 here.



Compensation

Earnings are low in your area. The national median salary for Welders, Cutters, Solderers, and Brazers is \$42,335, compared to \$36,018 here.



Job Posting Demand

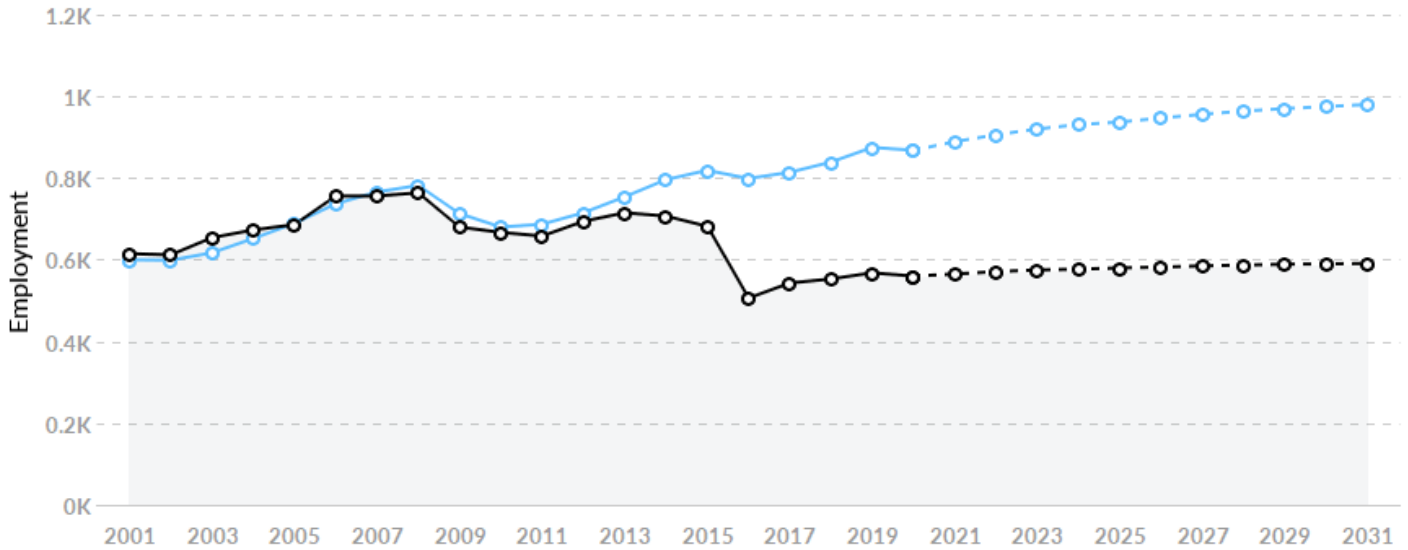
Job posting activity is low in your area. The national average for an area this size is 10* job postings/mo, while there are 5 here.

*National average values are derived by taking the national value for Welders, Cutters, Solderers, and Brazers 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 868* jobs, while there are 560 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	560	590	30	5.3%
● National Average	868	975	107	12.3%

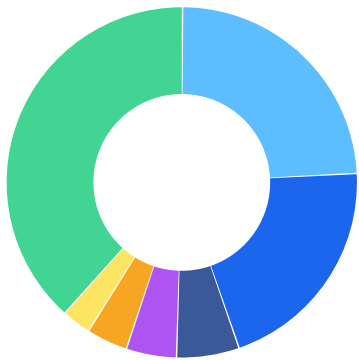
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Regional Breakdown



County	2020 Jobs
Hidalgo County, TX	533
Starr County, TX	20
Willacy County, TX	<10

Most Jobs are Found in the Commercial and Industrial Machinery and Equipment (except Automotive and Electronic) Repair and Maintenance Industry Sector

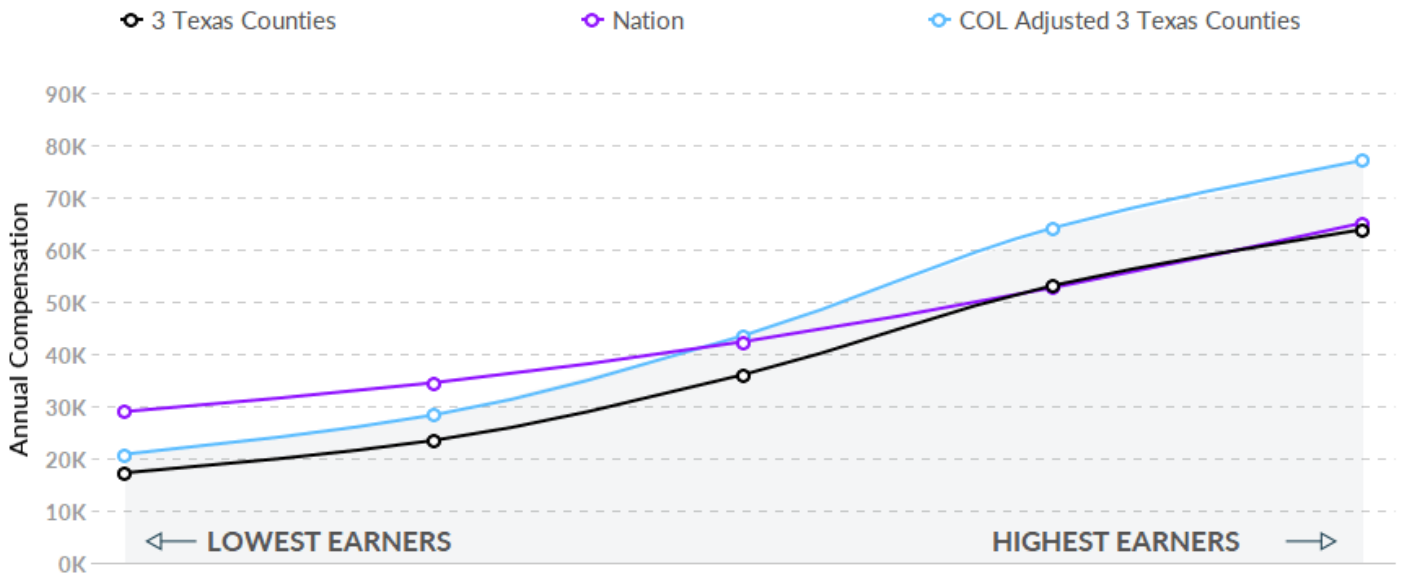


Industry	% of Occupation in Industry (2020)
Commercial and Industrial Machinery and Equipment (except Automotive and Electronic) Repair and Maintenance	24.1%
Architectural and Structural Metals Manufacturing	20.5%
Employment Services	5.8%
Utility System Construction	4.6%
Foundation, Structure, and Building Exterior Contractors	3.8%
Building Equipment Contractors	2.7%
Other	38.5%

Compensation

Regional Compensation Is 15% Lower Than National Compensation

For Welders, Cutters, Solderers, and Brazers, the 2019 median wage in your area is \$36,018, while the national median wage is \$42,335.



Job Posting Activity



72 Unique Job Postings

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



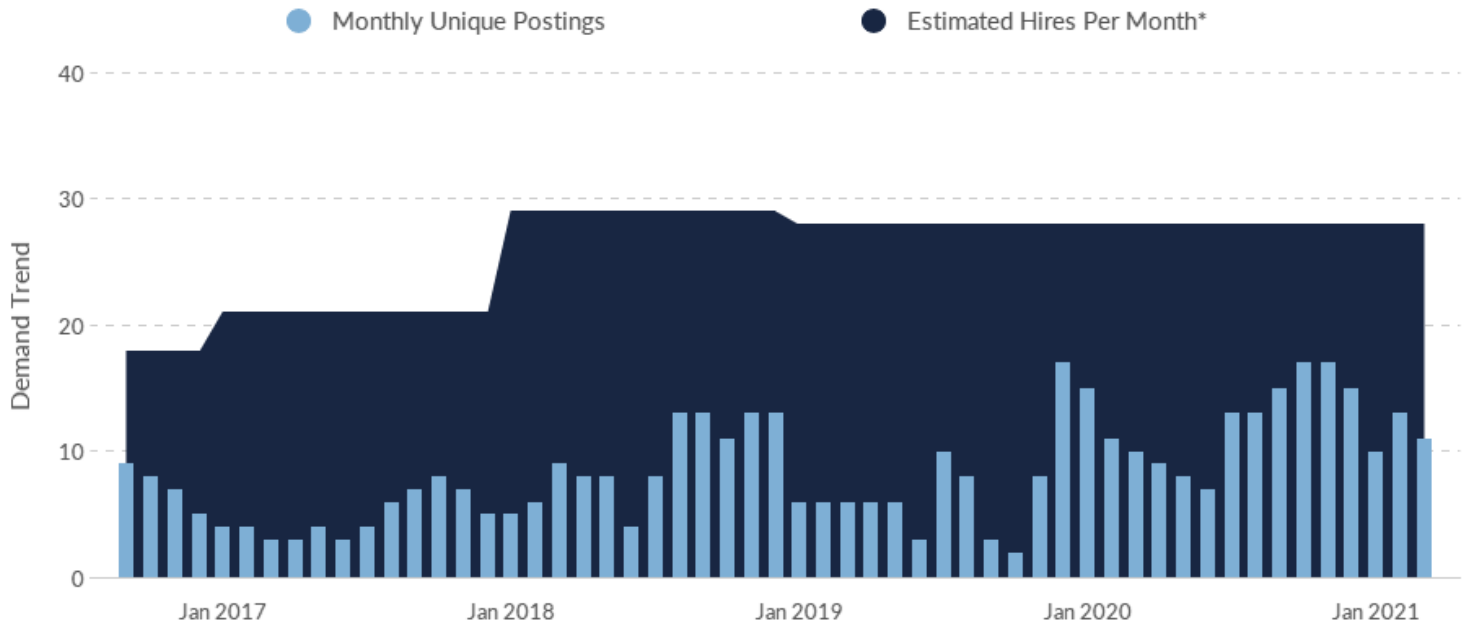
10 Employers Competing

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













51 Day Median Duration






Posting duration is 18 days longer than what's typical in the region.



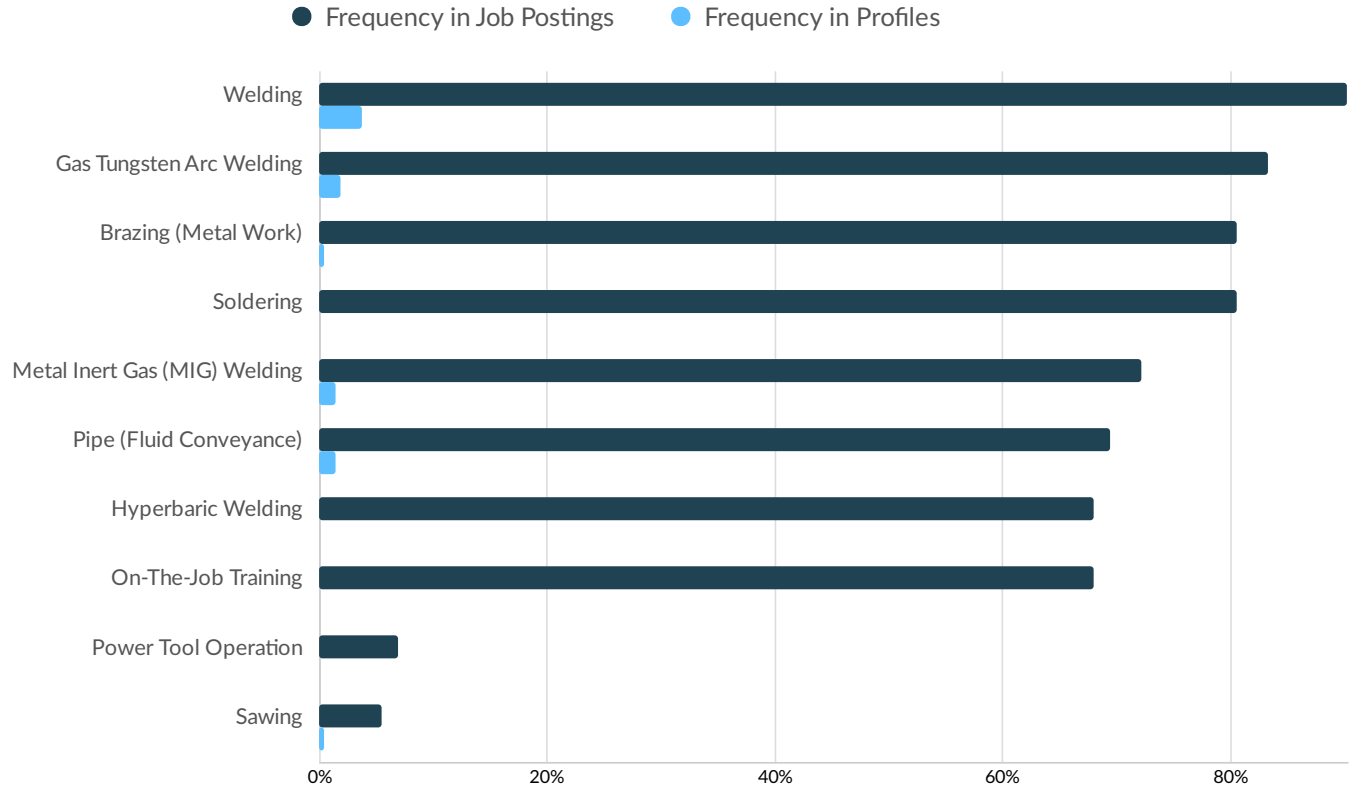
Occupation	Avg Monthly Postings (Jan 2020 - Mar 2021)	Avg Monthly Hires (Jan 2020 - Mar 2021)
Welders, Cutters, Solderers, and Brazers	12	28

*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 Welding Career	25 
Cdl Career Management Inc	20 
Career Now Brands LLC	13 
Asarco LLC	2 
Kiewit Corporation	2 
Richmond Country Club Inc	2 
Advance Services, Inc.	1 
Morgan Truck Body, LLC	1 
Strike, LLC	1 
Strong Structural Steel, Ltd.	1 

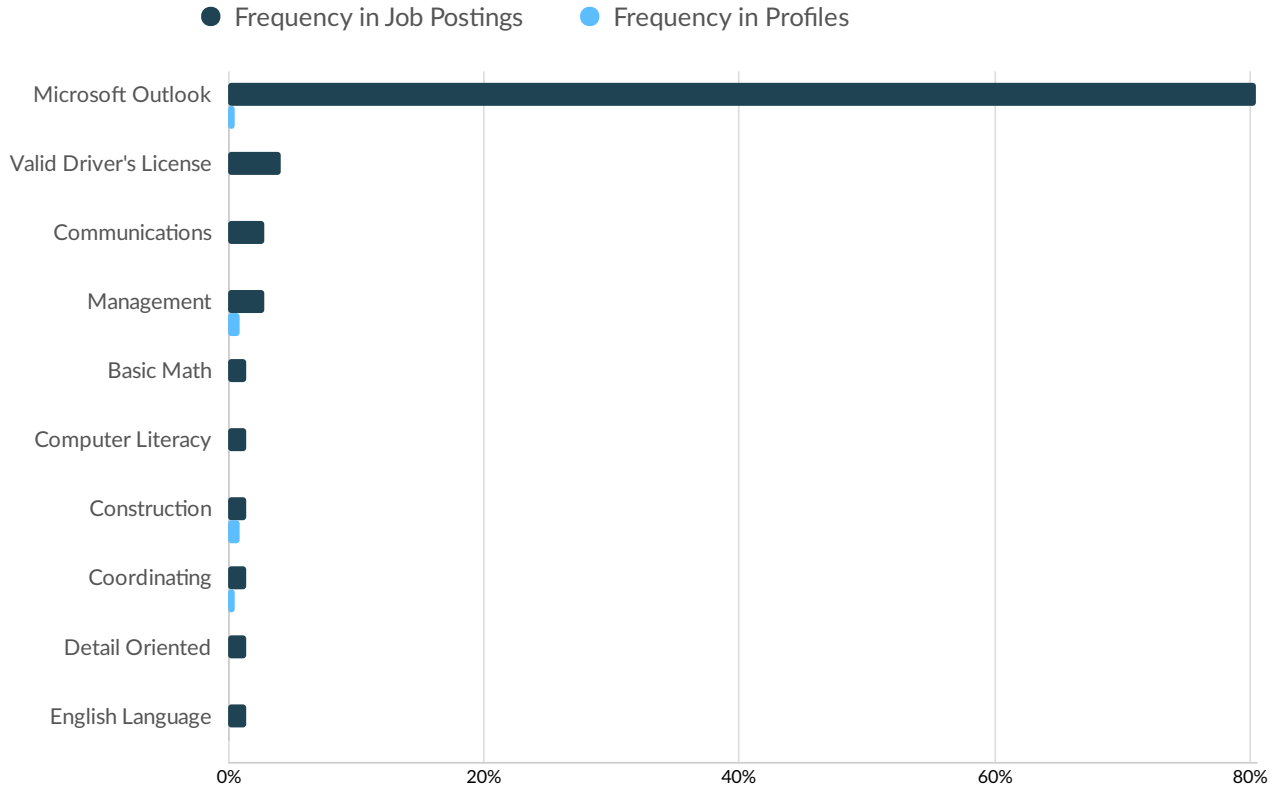
Top Job Titles	Unique Postings
Welding Managers	58 
Welders	6 
Lead Fabricators	1 
Machinist Mates 1st Class	1 
Machinist Mates 2nd Class	1 
Mig Welders/Fabricators	1 
Pipe Welders	1 
Structural Fitters	1 
Structural Welders	1 
Welding Technicians	1 

Top Hard Skills



Skills	Postings	% of Total Postings	Profiles	% of Total Profiles
Welding	65	90%	8	4%
Gas Tungsten Arc Welding	60	83%	4	2%
Brazing (Metal Work)	58	81%	1	0%
Soldering	58	81%	0	0%
Metal Inert Gas (MIG) Welding	52	72%	3	1%
Pipe (Fluid Conveyance)	50	69%	3	1%
Hyperbaric Welding	49	68%	0	0%
On-The-Job Training	49	68%	0	0%
Power Tool Operation	5	7%	0	0%
Sawing	4	6%	1	0%

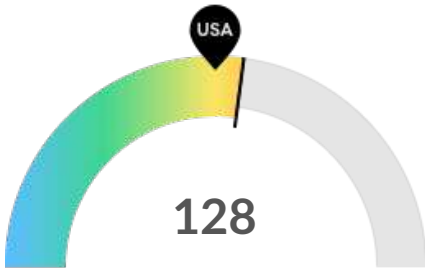
Top Common Skills



Skills	Postings	% of Total Postings	Profiles	% of Total Profiles
Microsoft Outlook	58	81%	1	0%
Valid Driver's License	3	4%	0	0%
Communications	2	3%	0	0%
Management	2	3%	2	1%
Basic Math	1	1%	0	0%
Computer Literacy	1	1%	0	0%
Construction	1	1%	2	1%
Coordinating	1	1%	1	0%
Detail Oriented	1	1%	0	0%
English Language	1	1%	0	0%

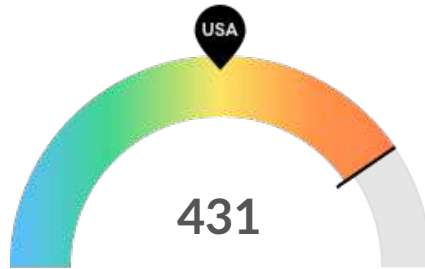
Demographics

Retirement Risk Is High, While Overall Diversity Is High



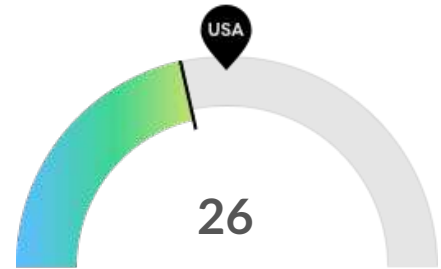
Retiring Soon

Retirement risk is high in your area. The national average for an area this size is 113* employees 55 or older, while there are 128 here.



Racial Diversity

Racial diversity is high in your area. The national average for an area this size is 180* racially diverse employees, while there are 431 here.

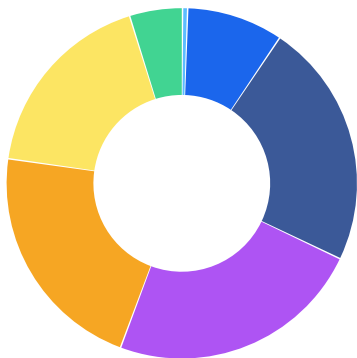


Gender Diversity

Gender diversity is low in your area. The national average for an area this size is 32* female employees, while there are 26 here.

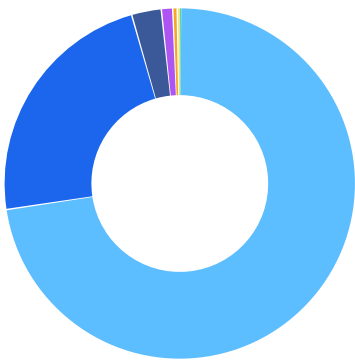
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Occupation Age Breakdown



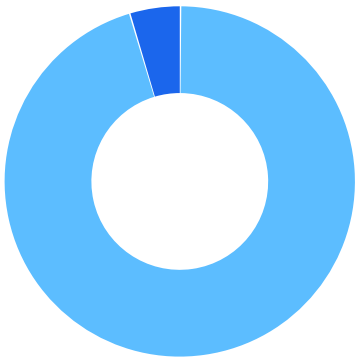
	% of Jobs	Jobs
14-18	0.5%	3
19-24	8.9%	50
25-34	22.6%	127
35-44	23.6%	132
45-54	21.6%	121
55-64	17.9%	100
65+	4.9%	27

Occupation Race/Ethnicity Breakdown



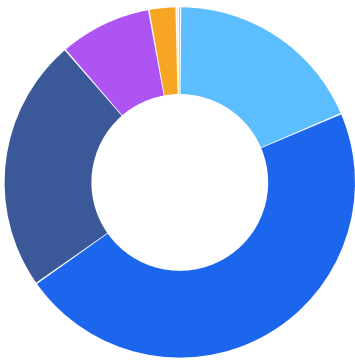
	% of Jobs	Jobs
Hispanic or Latino	72.6%	406
White	22.9%	128
Black or African American	2.7%	15
Asian	1.0%	6
Two or More Races	0.4%	2
American Indian or Alaska Native	0.3%	2
Native Hawaiian or Other Pacific Islander	0.0%	0

Occupation Gender Breakdown



	% of Jobs	Jobs
Males	95.3%	534
Females	4.7%	26

National Educational Attainment



	% of Jobs
● Less than high school diploma	18.5%
● High school diploma or equivalent	46.6%
● Some college, no degree	23.4%
● Associate's degree	8.5%
● Bachelor's degree	2.5%
● Master's degree	0.2%
● 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.



650 Completions (2019)

The completions from all regional institutions for all degree types.



60 Openings (2019)

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

CIP Code	Top Programs	Completions (2019)
48.0508	Welding Technology/Welder	650

Top Schools	Completions (2019)
South Texas College	349
South Texas Vocational Technical Institute-Weslaco	128
Southern Careers Institute-Pharr	114
McAllen Careers Institute	59

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.