



## Report on Available Apprenticeships in Texas for Program Year 2025



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# Executive Summary: Report on Available Apprenticeships in Texas, Program Year 2025

## Introduction

This report, mandated by Texas Labor Code §302.0191, provides an overview of active registered apprenticeship programs in Texas for Program Year 2025 (PY 2025). It analyzes the current apprenticeship landscape, examines in-demand and emerging industries and occupations, and offers recommendations to expand apprenticeship opportunities to meet the evolving workforce needs of the state. The data is sourced from the U.S. Department of Labor-Office of Apprenticeship and reflects active Texas apprenticeships. Industry projections and occupational staffing patterns are sourced from the Texas Workforce Commission (TWC) Labor Market Information (LMI).

## Key Findings

- **Active Programs:** As of PY 2025, there are 961 active apprenticeship programs in Texas, spanning 47 industry subsectors.
- **Active Apprentices:** Approximately 35,585 active apprentices are participating in these programs.
- **Industry Concentration:** A significant portion of programs and apprentices are concentrated in the Specialty Trade Contractors, Hospitals, and Educational Services industries.
- **Projected Growth Alignment:** Active apprenticeship programs exist in a majority of the 25 industries projected to add the most jobs between 2022 and 2032.
- **In-Demand Industries:** High demand continues in industry sectors, including health care, technology, construction, and skilled trades.
- **Emerging Industries:** Texas shows significant growth in technology, advanced manufacturing, and energy.

## Recommendations

The report recommends continued efforts to:

- Promote and support work-based learning models, including apprenticeships.
- Collaborate with employers and other stakeholders to address training needs in emerging and high-demand industries.
- Increase access to pre-apprenticeship and youth apprenticeship programs.
- Monitor industry trends and align apprenticeship programs with evolving workforce needs.
- Prioritize the development of apprenticeship programs in rural areas.
- Encourage the use of technology and online learning resources.

## Changes Observed Between the 2022–2023 (PY 2024) and 2023–2024 (PY 2025) Reports

- **Increase in Number of Programs:** The number of active apprenticeship programs increased from 863 in PY 2024 to 961 in PY 2025, reflecting a growth of almost 100 programs.
- **Increase in Number of Apprentices:** The number of active apprentices increased from 32,625 in PY 2024 to 35,585 in PY 2025, an increase of more than 2,900 apprentices.
- **Shift in Industry Rankings (by Number of Programs):** While Specialty Trade Contractors and Educational Services remain the top two industries with the most active programs, Utilities has dropped from the top three to a lower position. Heavy and Civil Engineering Construction moved up in the rankings.
- **Shift in Industry Rankings (by Number of Apprentices):** Specialty Trade Contractors, Hospitals, and Educational Services remain the top three industries, but the numbers within each industry have shifted, reflecting changes in apprenticeship uptake and staffing needs.
- **Focus on Emerging Industries in 2023–2024 Report:** The 2023–2024 report contains a new section explicitly highlighting emerging industries, with employment projections and the number of apprentices in those industries.

- **Emphasis on Location:** The 2023–2024 report shows heat maps of where the active apprenticeship programs are located across the state to see how well programs are aligning with the projected growth areas.

## **Conclusion**

The apprenticeship model is a valuable tool for developing a skilled workforce in Texas. The observed growth in both the number of programs and apprentices indicates increasing recognition of the benefits of this "earn while you learn" approach. Continued focus on expanding opportunities in high-growth and emerging industries, particularly those with limited current engagement, is crucial to ensuring Texas remains competitive in the global economy. The Texas Workforce Commission is dedicated to empowering businesses and individuals through robust funding initiatives and proactive facilitation of high-quality apprenticeship program development across the state.

# Report on Available Apprenticeships in Texas, Program Year 2025

## Introduction

[Texas Labor Code §302.0191](#) states that the Texas Workforce Commission (TWC) must report on active registered apprenticeship programs in the state and make recommendations to expand the availability of apprenticeship programs in emerging and high-demand industries and occupations.

This report includes a description of the current apprenticeship landscape in Texas, an examination of high demand and emerging industries and occupations, and an overview of active apprenticeship programs meeting workforce needs. This report concludes with recommendations on how to expand apprenticeship programs in Texas.

The apprenticeship data used in this report is provided by U.S. Department of Labor-Office of Apprenticeship and reflects active Texas apprenticeships during Program Year 2025 (PY 2025). An active apprenticeship program is defined as active if it has at least one active apprentice participating in the program at the time of this report.

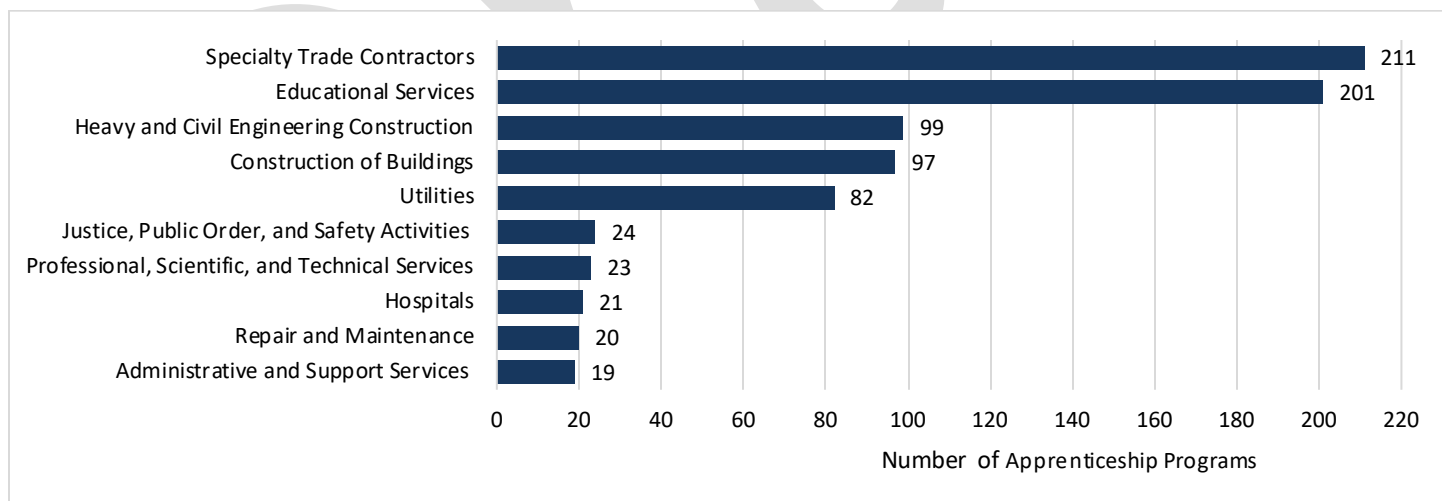
Industry projections and occupational staffing pattern data are sourced from the Texas Workforce Commission (TWC) Labor Market and Career Information. Industries are classified using the North American Industry Classification System (NAICS), and occupations are defined using the federal Standard Occupational Classification (SOC) system.

## Available Apprenticeships in Texas

### Active Apprenticeship Programs

At the time of this report, there are 961 active apprenticeship programs offering training in 47 industry [subsectors](#)<sup>1</sup>. The industries represented range from construction and mining to education and real estate. A list of industries and the number of active programs is in [Appendix A](#).

*Figure 1: Top 10 Industries with the Largest Numbers of Active Apprenticeship Programs*



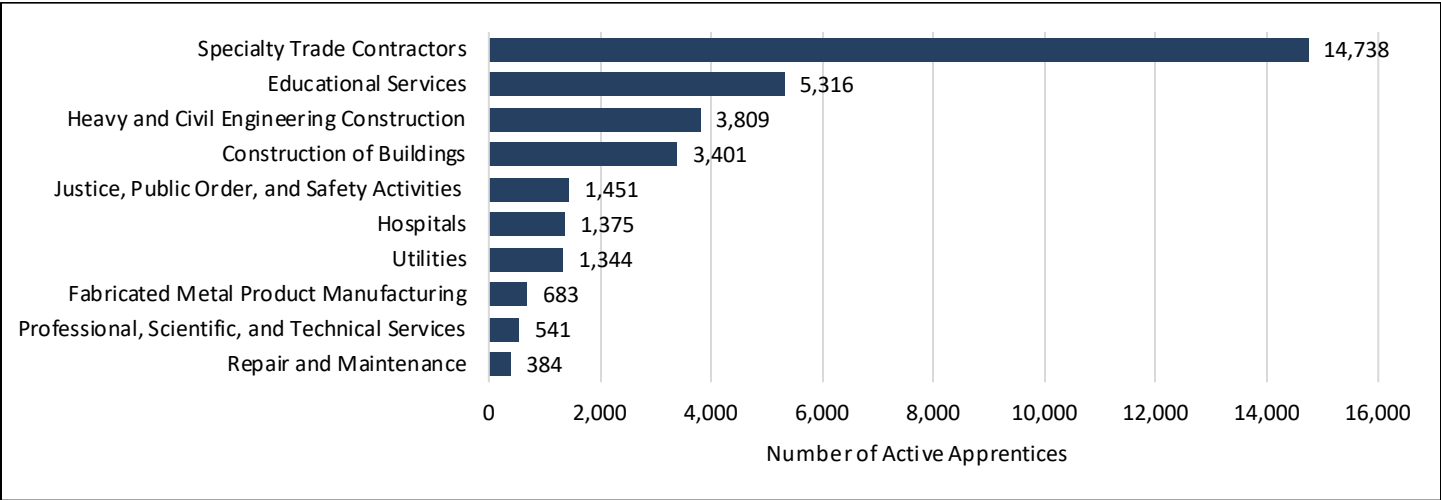
With 211 active apprenticeship programs, Specialty Trade Contractors (NAICS 238), which includes foundation, structure, and building exterior contractors; building equipment contractors; and building finishing contractors, make up almost 22% of the active apprenticeship programs in Texas followed by Educational Services (NAICS 611) and Heavy and Civil Engineering Construction (NAICS 237).

<sup>1</sup> For purposes of analysis, the Bureau of Labor and Statistics combines NAICS sectors into groupings called "supersectors." Supersectors contain sectors that are broken down further into subsectors. One way to envision this hierarchy is Supersector → Sector → Subsector.

Number of Active Apprentices

There are approximately 35,585 active apprentices in Texas. Apprenticeship programs within the Specialty Trade Contractor, Educational Services, and Heavy and Civil Engineering Construction industries contain over one-third of these individuals.

Figure 2: Top 10 Industries with the Largest Numbers of Active Apprentices



The full count of active apprentices and their programs can be found in [Appendix B](#).

Comparisons: Numbers of Active Programs and Apprentices, May 2024 and May 2025

The 2025 report marks the second report on the Available Apprenticeships in Texas. With two years of data for review, it is beneficial to compare numbers across the two reports and make note of any changes from one year to the next. Those comparisons follow.

Table 1. Industries with the largest number of active apprenticeship programs

| Industry Subsector                               | Number of Active Apprenticeship Programs, 2024 | Number of Active Apprenticeship Programs, 2025 |
|--------------------------------------------------|------------------------------------------------|------------------------------------------------|
| Specialty Trade Contractors                      | 195                                            | 211                                            |
| Educational Services                             | 171                                            | 201                                            |
| Heavy and Civil Engineering Construction         | 54                                             | 99                                             |
| Construction of Buildings                        | 92                                             | 97                                             |
| Utilities                                        | 74                                             | 82                                             |
| Justice, Public Order, and Safety Activities     | 24                                             | 24                                             |
| Professional, Scientific, and Technical Services | 16                                             | 23                                             |
| Hospitals                                        | 22                                             | 21                                             |
| Repair and Maintenance                           | 28                                             | 29                                             |
| Administrative and Support Services              | 17                                             | 19                                             |

A comparison of the 2024 and 2025 DOL apprenticeship data reveals active apprenticeship programs experienced notable growth across key industry subsectors in Texas. Educational Services shows the addition of 30 programs in 2025,

an increase to 201 active programs from 171 in 2024. This increase suggests an expansion of apprenticeship opportunities in this subsector. Expansion can possibly be attributed to the [Texas Education Agency's](#) support of apprenticeships in response to the Teacher Vacancy Task Force's final report, [Developing a Thriving Teacher Workforce in Texas](#), to the Tri-Agency Commissioners' adoption and promotion of a [teacher apprenticeships initiative](#), and to districts' adoption of the apprenticeship model as promising practices are shared across districts experiencing similar workforce shortages.

It is also noteworthy that growth is occurring across both private and public sector industries. This trend could indicate both private and public sector employers are realizing the benefits of apprenticeships and are adopting the model as communities continue to grow in response to Texas' ongoing economic development.

*Table 2. Industries with the largest number of active apprentices*

| Industry Subsector                               | Number of Active Apprentices, 2024 | Number of Active Apprentices, 2025 |
|--------------------------------------------------|------------------------------------|------------------------------------|
| Specialty Trade Contractors                      | 11,997                             | 14,738                             |
| Educational Services                             | 3,462                              | 5,316                              |
| Heavy and Civil Engineering Construction         | 2,183                              | 3,809                              |
| Construction of Buildings                        | 2,472                              | 3,401                              |
| Justice, Public Order, and Safety Activities     | 999                                | 1,451                              |
| Hospitals                                        | 5,302                              | 1,375                              |
| Utilities                                        | 1,226                              | 1,344                              |
| Fabricated Metal Product Manufacturing           | 416                                | 683                                |
| Professional, Scientific, and Technical Services | 132                                | 541                                |
| Repair and Maintenance                           | 2,246                              | 384                                |

The number of active apprentices also experienced marked growth across similar industry subsectors. Educational Services experienced a significant increase in apprentices, growing by 53.6% (from 3,462 to 5,316), and Specialty Trade Contractors showed substantial growth with a 22.8% increase in active apprentices (from 11,997 to 14,738).

As noted above, the sharp increases between 2024 and 2025 may be attributed to a growing demand for skilled workers—both private and public—and to the recognition that the apprenticeship training model is a powerful and proven strategy when addressing workforce shortages. The growth in numbers presents opportunities for further support and for tailored program development to address specific workforce needs.

### **Projected Growth by Industry and Number of Apprentices per Industry**

As detailed in the table below, there are active apprenticeship programs in Texas for a majority of the 25 industries projected to add the most jobs over the next ten years. Currently, only seven industries do not have active programs.

When reviewing the table, it is important to consider the current staffing of the industries listed. For example, [Food Services and Drinking Places](#) shows a 18.4% change by 2032, with eight apprentices currently working within occupations such as fast food and restaurant cooks. In comparison, [Educational Services](#) shows a 11.4% change with 5,316 apprentices currently working within occupations such as education administrators and elementary school teachers.

*Table 3. Industries Projected to Add the Most Jobs from 2022-2032 and Current Number of Apprentices*

| Industry Title                                                                          | Annual Average Employment 2022 | Annual Average Employment 2032 | Number Change 2022–2032 | Percent Change 2022–2032 | Current Number of Apprentices |
|-----------------------------------------------------------------------------------------|--------------------------------|--------------------------------|-------------------------|--------------------------|-------------------------------|
| Professional, Scientific, and Technical Services                                        | 895,284                        | 1,183,578                      | 288,294                 | 32.2                     | 541                           |
| Food Services and Drinking Places                                                       | 1,131,494                      | 1,339,569                      | 208,075                 | 18.4                     | 8                             |
| Educational Services                                                                    | 1,322,730                      | 1,472,962                      | 150,232                 | 11.4                     | 5,316                         |
| Ambulatory Health Care Services                                                         | 793,516                        | 940,672                        | 147,156                 | 18.5                     | 157                           |
| Administrative and Support Services                                                     | 803,418                        | 927,654                        | 124,236                 | 15.5                     | 231                           |
| Warehousing and Storage                                                                 | 170,268                        | 250,891                        | 80,623                  | 47.4                     | 0                             |
| Hospitals                                                                               | 442,970                        | 510,001                        | 67,031                  | 15.1                     | 1,375                         |
| Social Assistance                                                                       | 243,609                        | 297,201                        | 53,592                  | 22.0                     | 331                           |
| Management of Companies and Enterprises                                                 | 164,487                        | 215,492                        | 51,005                  | 31.0                     | 3                             |
| General Merchandise Retailers                                                           | 293,649                        | 341,031                        | 47,382                  | 16.1                     | 0                             |
| Specialty Trade Contractors                                                             | 434,666                        | 481,708                        | 47,042                  | 10.8                     | 14,738                        |
| Real Estate                                                                             | 171,574                        | 209,936                        | 38,362                  | 22.4                     | 1                             |
| Insurance Carriers and Related Activities                                               | 218,470                        | 248,556                        | 30,086                  | 13.8                     | 111                           |
| Merchant Wholesalers, Durable Goods                                                     | 196,510                        | 226,006                        | 29,496                  | 15.0                     | 3                             |
| Heavy and Civil Engineering Construction                                                | 163,134                        | 191,378                        | 28,244                  | 17.3                     | 3,809                         |
| Nursing and Residential Care Facilities                                                 | 174,704                        | 201,083                        | 26,379                  | 15.1                     | 0                             |
| Motor Vehicle and Parts Dealers                                                         | 193,828                        | 219,590                        | 25,762                  | 13.3                     | 16                            |
| Securities, Commodity Contracts, and Other Financial Investments and Related Activities | 81,875                         | 107,287                        | 25,412                  | 31.0                     | 0                             |
| Truck Transportation                                                                    | 149,275                        | 174,631                        | 25,356                  | 17.0                     | 68                            |
| Couriers and Messengers                                                                 | 86,106                         | 110,137                        | 24,031                  | 27.9                     | 0                             |
| Repair and Maintenance                                                                  | 143,570                        | 165,746                        | 22,176                  | 15.4                     | 384                           |

| Industry Title                                                         | Annual Average Employment 2022 | Annual Average Employment 2032 | Number Change 2022–2032 | Percent Change 2022–2032 | Current Number of Apprentices |
|------------------------------------------------------------------------|--------------------------------|--------------------------------|-------------------------|--------------------------|-------------------------------|
| Religious, Grantmaking, Civic, Professional, and Similar Organizations | 299,283                        | 319,181                        | 19,898                  | 6.6                      | 54                            |
| Personal and Laundry Services                                          | 120,025                        | 139,076                        | 19,051                  | 15.9                     | 6                             |
| Computer and Electronic Product Manufacturing                          | 98,121                         | 116,598                        | 18,477                  | 18.8                     | 14                            |
| Accommodation                                                          | 119,071                        | 136,898                        | 17,827                  | 15.0                     | 0                             |

### Locations of Apprenticeship Programs

Because of the vastness of our state—254 counties across 28 Workforce Development Areas (WDAs)—it is helpful to examine the locations of active apprenticeship programs to determine if they are meeting the needs of the state’s emerging and in-demand industries and to consider ease of access for current and future apprentices.

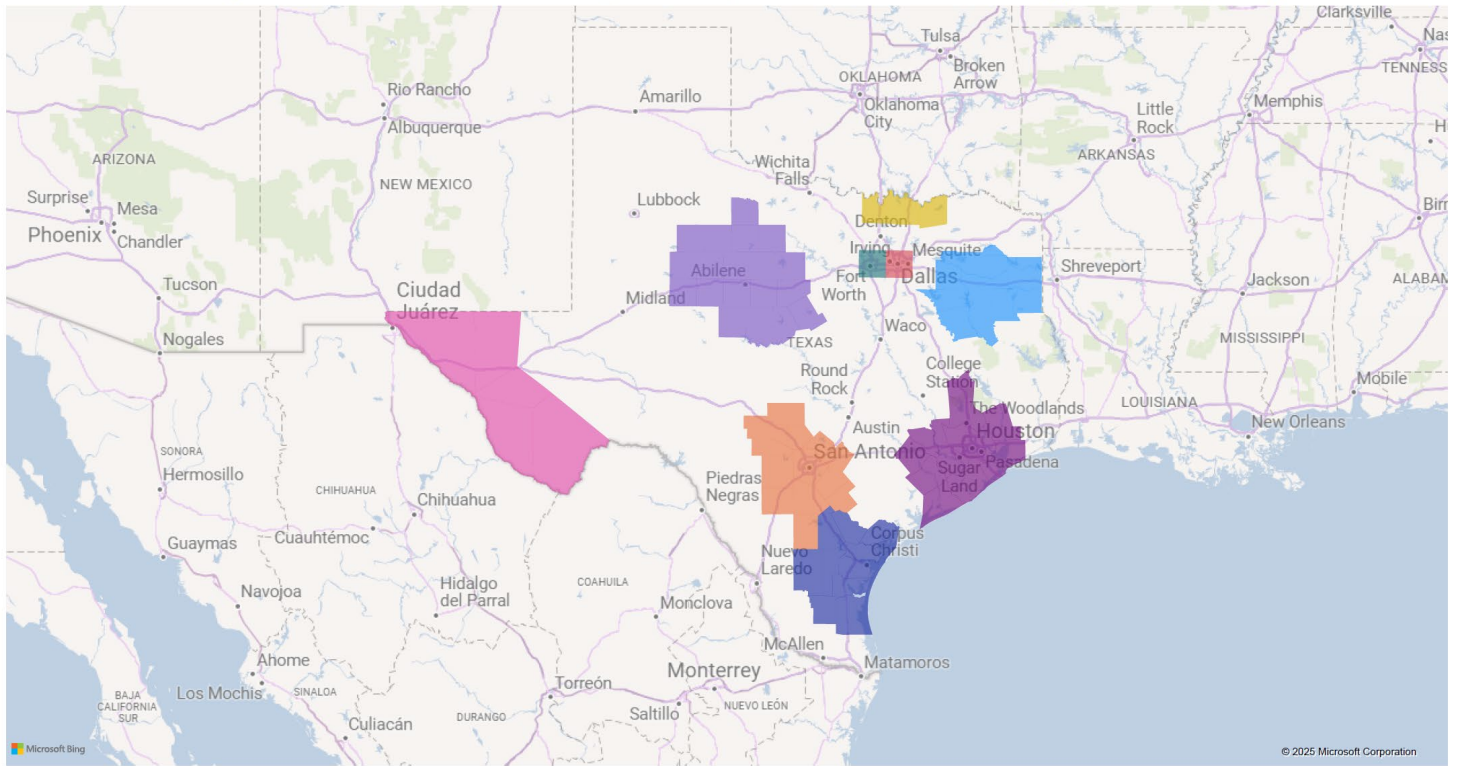
Industry projections from TWC LMI provide critical insights into the evolving economic landscape of the state, highlighting industries poised for significant growth and identifying those facing potential contraction. These projections, grounded in historical trends and economic forecasts, offer valuable guidance for workforce development initiatives, educational programs, and individual career planning. Analysis of TWC LMI data reveals a consistent demand for workers in sectors such as health care, technology, construction, and skilled trades, driven by factors such as population growth, technological advancements, and infrastructure development. Understanding these in-demand industries is crucial for ensuring a skilled workforce prepared to meet the future needs of the Texas economy.

### In-demand Industries

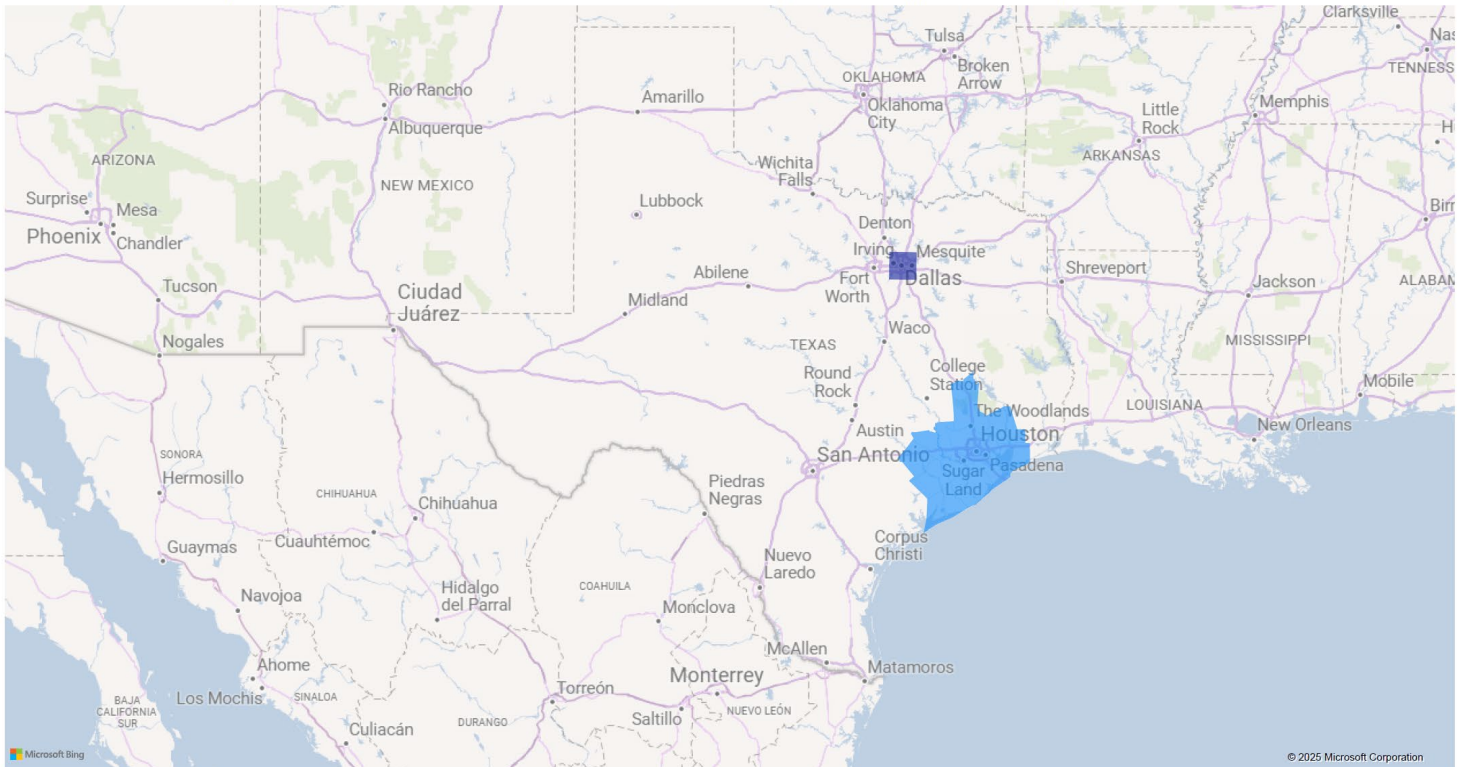
The following maps show the WDAs containing active apprenticeship programs for the five industries projected to add the most jobs based on the total number added from 2022 through 2032:

- Professional, Technical, and Scientific Services
- Food Services and Drinking Places
- Educational Services
- Ambulatory Health Care Services
- Administrative and Support Services

## Workforce Development Areas with Professional, Scientific, and Technical Services Apprenticeship Programs



## Workforce Development Areas with Food Services and Drinking Places Apprenticeship Programs

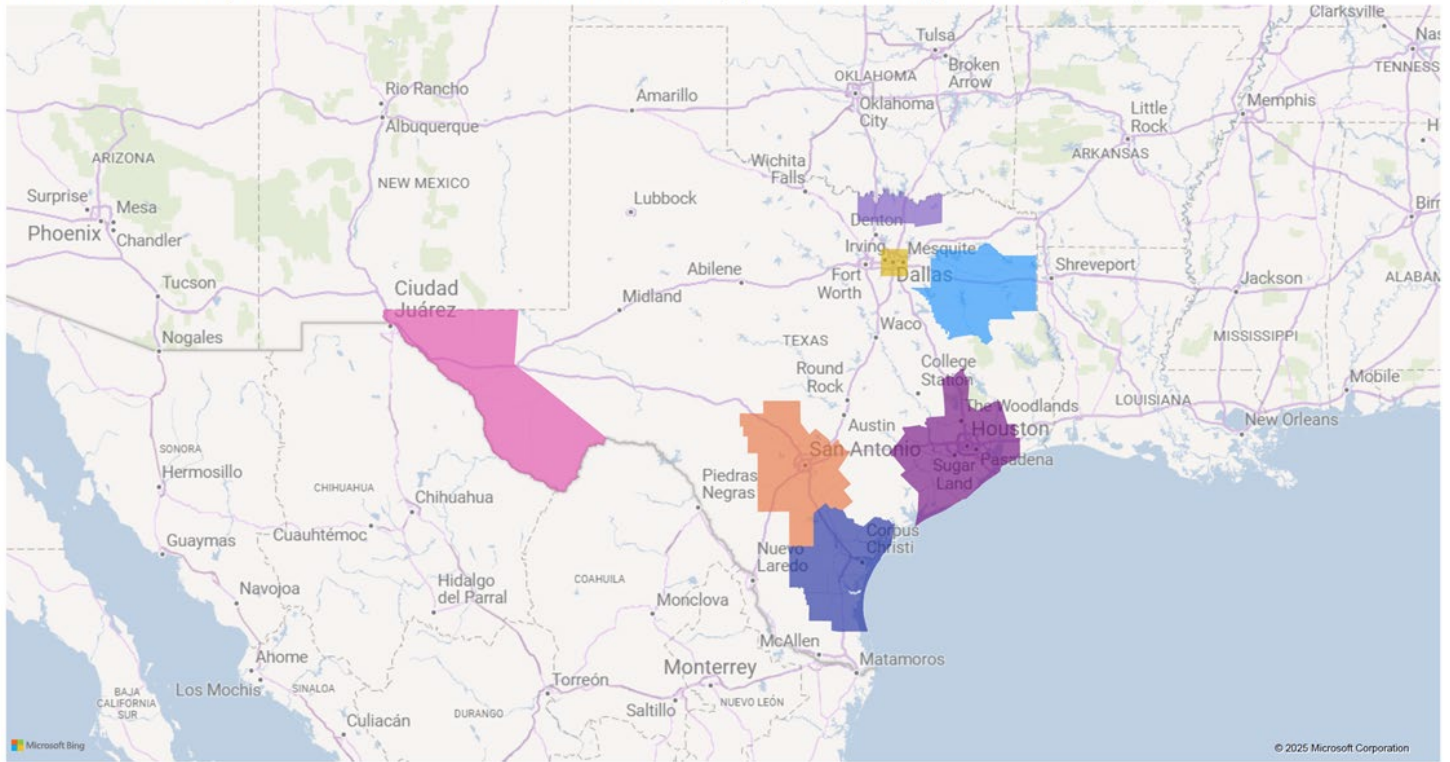


Microsoft Bing

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This map illustrates the geographic distribution of the 10 largest Hispanic populations in Texas, with each county's population density represented by a color gradient. The highest concentrations (dark blue) are found in the Dallas-Fort Worth metropolitan area and along the Rio Grande border with Mexico. Other significant clusters (medium blue and yellow) are located in the Houston area and around San Antonio. The density decreases as one moves away from these major urban centers, with orange and pink areas representing more dispersed populations. The map also shows the state's major cities, highways, and neighboring states.

## Workforce Development Areas with Administrative and Support Services Apprenticeship Programs



The complete list of industries and the number of apprenticeship programs located in each WDA are in [Appendix C](#).

## Emerging Industries

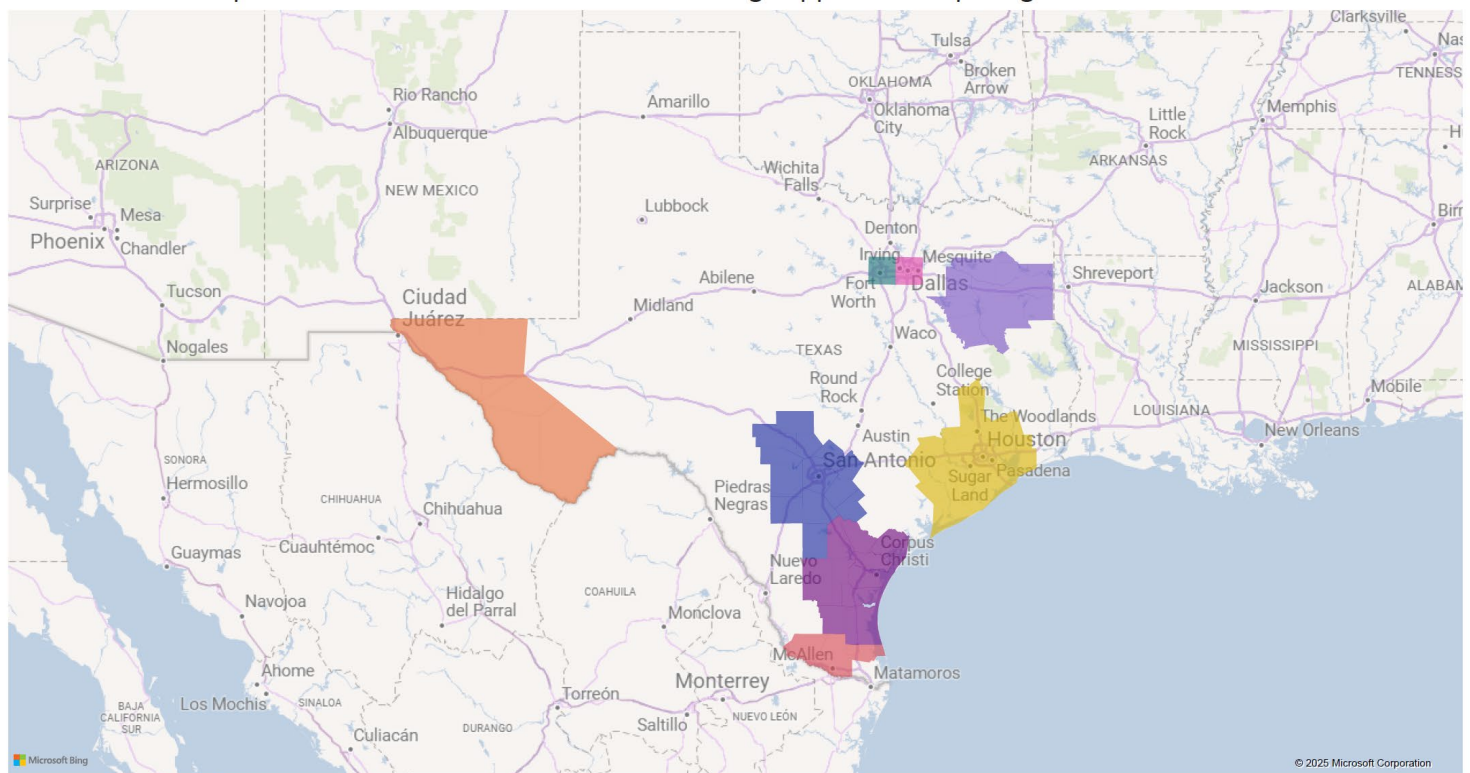
The next group of maps show the WDAs containing active apprenticeship programs for emerging industries in Texas.

*Table 4. Emerging Industries, 2022–2032 Employment Projections and Number of Apprentices*

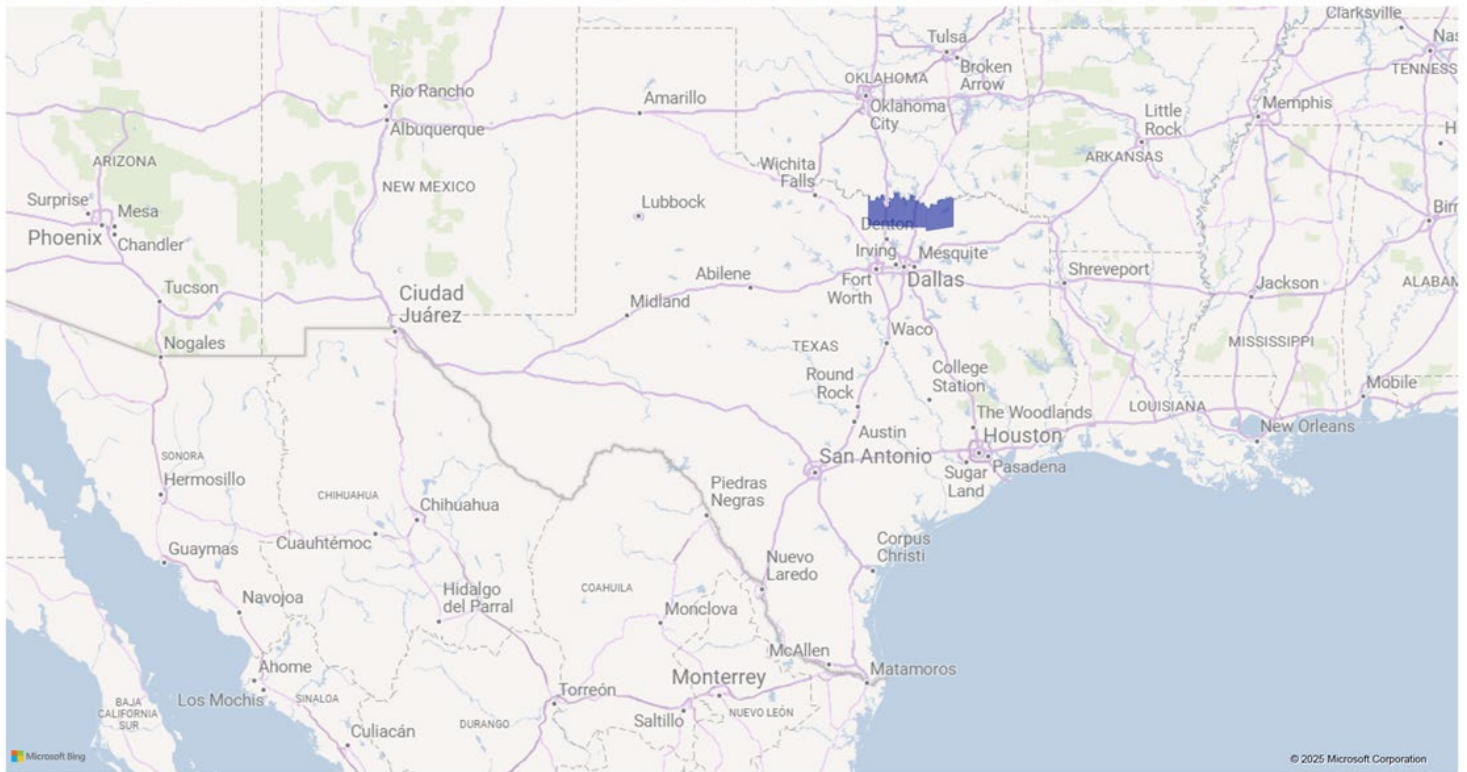
| Industry Title                                                                         | Annual Average Employment 2022 | Annual Average Employment 2032 | Number Change 2022–2032 | Percent Change 2022–2032 | Number of Apprentices |
|----------------------------------------------------------------------------------------|--------------------------------|--------------------------------|-------------------------|--------------------------|-----------------------|
| Construction of Buildings                                                              | 167,663                        | 174,353                        | 6,690                   | 4.0                      | 97                    |
| Computer and Electronic Product Manufacturing                                          | 98,121                         | 116,598                        | 18,477                  | 18.8                     | 1                     |
| Utilities                                                                              | 54,950                         | 59,271                         | 4,321                   | 7.9                      | 82                    |
| Computing Infrastructure Providers, Data Processing, Web Hosting, and Related Services | 38,133                         | 47,320                         | 9,187                   | 24.1                     | 3                     |
| Machinery Manufacturing                                                                | 11,742                         | 13,076                         | 1,334                   | 11.4                     | 12                    |

Texas is experiencing significant growth in several emerging industries, particularly in technology, advanced manufacturing, and energy. Key areas include Information Technology, with a focus on AI and cybersecurity, and advanced manufacturing, including semiconductors and electric vehicles.

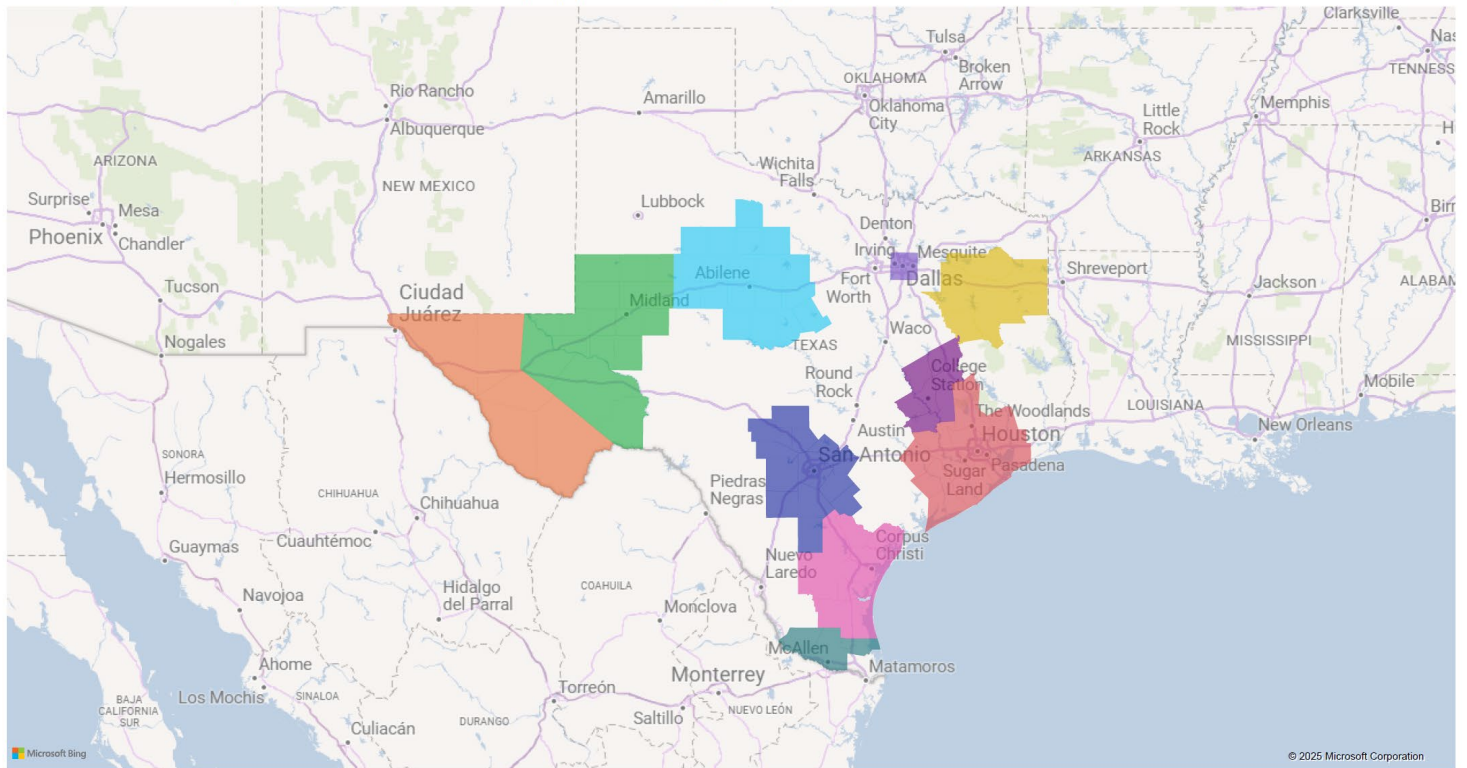
### Workforce Development Areas with Construction of Buildings Apprenticeship Programs



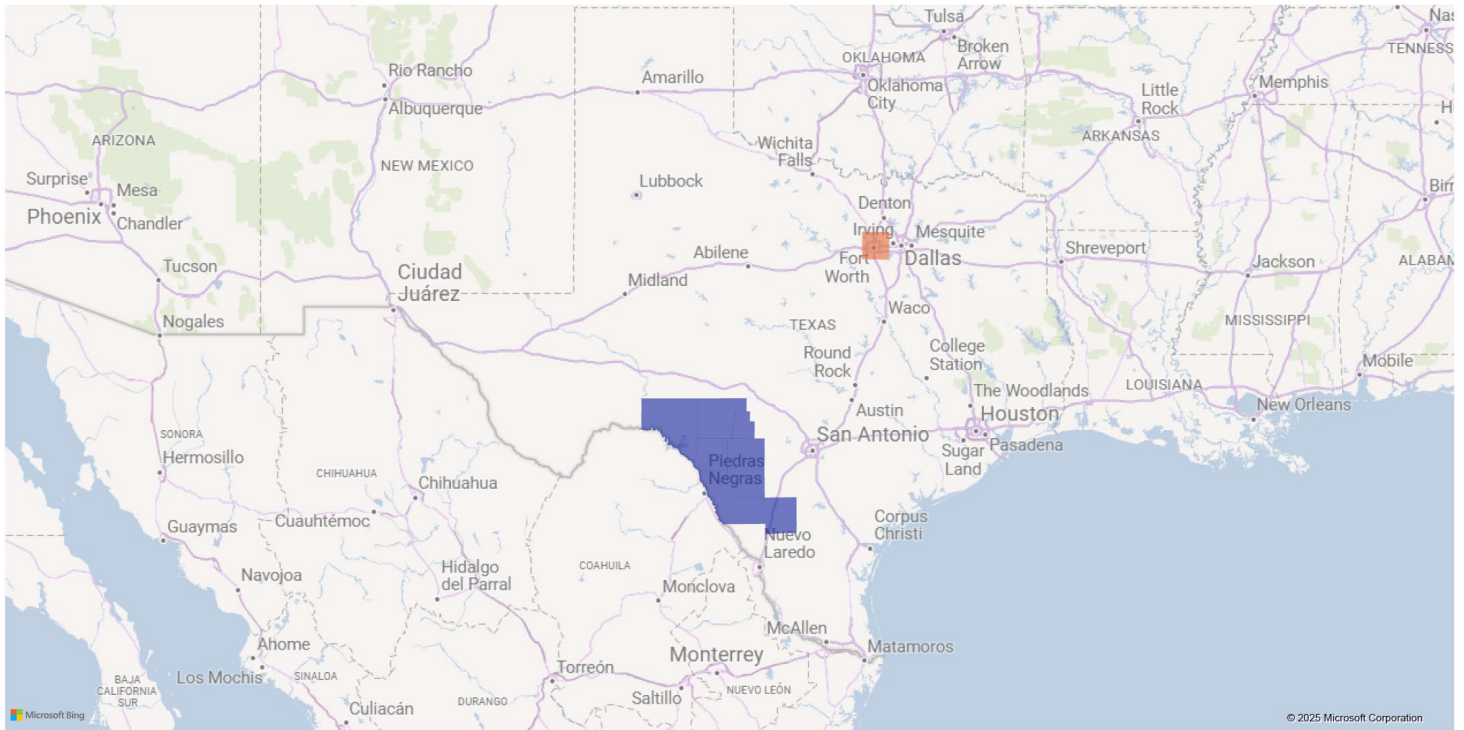
## Workforce Development Areas with Computer and Electronic Product Manufacturing Apprenticeship Programs



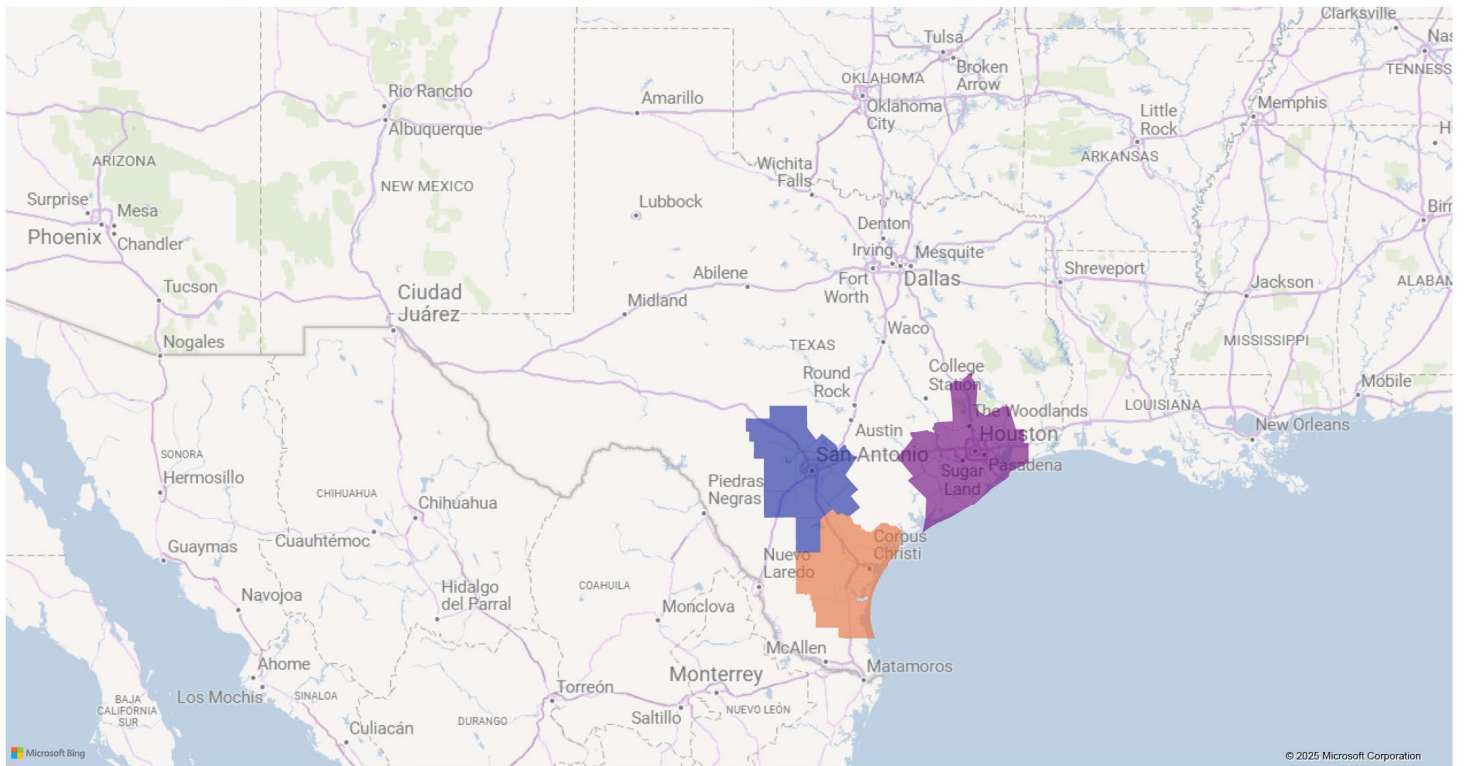
## Workforce Development Areas with Utility Apprenticeship Programs



## Workforce Development Areas with Computing Infrastructure Providers, Data Processing, Web Hosting, and Related Services Apprenticeship Programs



## Workforce Development Areas with Machinery Manufacturing Apprenticeship Programs



*Table 3: Apprenticeable Occupations with Active Apprenticeship Programs*

The following table provides a portion of the occupations included in the staffing patterns<sup>2</sup> for the industries projected to add the most jobs from 2022–2032 (listed in [Table 1](#)). The occupations are ranked high to low by how many industry staffing patterns contain each occupation.

| Occupational Title                                                              | Count of top 25 industries with occupation in staffing pattern | Number of apprenticeship programs | Number of active apprentices |
|---------------------------------------------------------------------------------|----------------------------------------------------------------|-----------------------------------|------------------------------|
| Customer Service Representatives                                                | 25                                                             | 4                                 | 207                          |
| Human Resources Specialists                                                     | 25                                                             | 1                                 | 2                            |
| Office Clerks, General                                                          | 25                                                             | 1                                 | 1                            |
| First-Line Supervisors of Office and Administrative Support Workers             | 24                                                             | 3                                 | 3                            |
| Bookkeeping, Accounting, and Auditing Clerks                                    | 24                                                             | 0                                 | 0                            |
| Accountants and Auditors                                                        | 23                                                             | 2                                 | 2                            |
| Maintenance and Repair Workers, General                                         | 22                                                             | 6                                 | 298                          |
| Business Operations Specialists, All Other                                      | 22                                                             | 0                                 | 0                            |
| Receptionists and Information Clerks                                            | 22                                                             | 0                                 | 0                            |
| Managers, All Other                                                             | 21                                                             | 2                                 | 3                            |
| Sales Managers                                                                  | 21                                                             | 0                                 | 0                            |
| Secretaries and Administrative Assistants, Except Legal, Medical, and Executive | 21                                                             | 0                                 | 0                            |
| Market Research Analysts and Marketing Specialists                              | 20                                                             | 1                                 | 1                            |
| Stockers and Order Fillers                                                      | 20                                                             | 0                                 | 0                            |
| Computer User Support Specialists                                               | 19                                                             | 9                                 | 31                           |
| Computer Occupations, All Other                                                 | 19                                                             | 5                                 | 90                           |
| Training and Development Specialists                                            | 19                                                             | 1                                 | 5                            |
| Administrative Services Managers                                                | 19                                                             | 0                                 | 0                            |
| Financial Managers                                                              | 19                                                             | 0                                 | 0                            |
| Shipping, Receiving, and Inventory Clerks                                       | 19                                                             | 0                                 | 0                            |
| Compliance Officers                                                             | 18                                                             | 0                                 | 0                            |
| General and Operations Managers                                                 | 17                                                             | 1                                 | 2                            |
| Computer and Information Systems Managers                                       | 17                                                             | 0                                 | 0                            |

<sup>2</sup> Staffing patterns are lists of occupations and the number of employees in each occupation within an industry.

| Occupational Title                                                                                               | Count of top 25 industries with occupation in staffing pattern | Number of apprenticeship programs | Number of active apprentices |
|------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------|-----------------------------------|------------------------------|
| Human Resources Assistants, Except Payroll and Timekeeping                                                       | 17                                                             | 0                                 | 0                            |
| Project Management Specialists                                                                                   | 17                                                             | 0                                 | 0                            |
| Laborers and Freight, Stock, and Material Movers, Hand                                                           | 16                                                             | 4                                 | 25                           |
| Billing and Posting Clerks                                                                                       | 16                                                             | 0                                 | 0                            |
| Data Entry Keyers                                                                                                | 16                                                             | 0                                 | 0                            |
| First-Line Supervisors of Mechanics, Installers, and Repairers                                                   | 16                                                             | 0                                 | 0                            |
| Human Resources Managers                                                                                         | 16                                                             | 0                                 | 0                            |
| Payroll and Timekeeping Clerks                                                                                   | 16                                                             | 0                                 | 0                            |
| First-Line Supervisors of Transportation and Material Moving Workers, Except Aircraft Cargo Handling Supervisors | 15                                                             | 0                                 | 0                            |
| Retail Salespersons                                                                                              | 15                                                             | 0                                 | 0                            |
| Sales Representatives of Services, Except Advertising, Insurance, Financial Services, and Travel                 | 15                                                             | 0                                 | 0                            |
| Transportation, Storage, and Distribution Managers                                                               | 15                                                             | 0                                 | 0                            |
| Dispatchers, Except Police, Fire, and Ambulance                                                                  | 14                                                             | 3                                 | 9                            |
| Light Truck Drivers                                                                                              | 14                                                             | 0                                 | 0                            |
| Marketing Managers                                                                                               | 14                                                             | 0                                 | 0                            |
| Network and Computer Systems Administrators                                                                      | 13                                                             | 2                                 | 5                            |
| First-Line Supervisors of Production and Operating Workers                                                       | 13                                                             | 0                                 | 0                            |
| Production, Planning, and Expediting Clerks                                                                      | 13                                                             | 0                                 | 0                            |
| Software Developers                                                                                              | 13                                                             | 0                                 | 0                            |
| Computer Systems Analysts                                                                                        | 12                                                             | 2                                 | 10                           |
| Executive Secretaries and Executive Administrative Assistants                                                    | 12                                                             | 1                                 | 2                            |
| Financial and Investment Analysts                                                                                | 12                                                             | 0                                 | 0                            |
| Management Analysts                                                                                              | 12                                                             | 0                                 | 0                            |

| Occupational Title                                            | Count of top 25 industries with occupation in staffing pattern | Number of apprenticeship programs | Number of active apprentices |
|---------------------------------------------------------------|----------------------------------------------------------------|-----------------------------------|------------------------------|
| Heavy and Tractor-Trailer Truck Drivers                       | 11                                                             | 12                                | 531                          |
| Information Security Analysts                                 | 11                                                             | 6                                 | 144                          |
| Security Guards                                               | 11                                                             | 3                                 | 7                            |
| Facilities Managers                                           | 11                                                             | 2                                 | 185                          |
| Graphic Designers                                             | 11                                                             | 1                                 | 49                           |
| Cashiers                                                      | 11                                                             | 0                                 | 0                            |
| Compensation, Benefits, and Job Analysis Specialists          | 11                                                             | 0                                 | 0                            |
| File Clerks                                                   | 11                                                             | 0                                 | 0                            |
| Meeting, Convention, and Event Planners                       | 11                                                             | 0                                 | 0                            |
| Property, Real Estate, and Community Association Managers     | 11                                                             | 0                                 | 0                            |
| Training and Development Managers                             | 11                                                             | 0                                 | 0                            |
| Automotive Service Technicians and Mechanics                  | 10                                                             | 13                                | 254                          |
| Industrial Machinery Mechanics                                | 10                                                             | 13                                | 189                          |
| Bus and Truck Mechanics and Diesel Engine Specialists         | 10                                                             | 8                                 | 205                          |
| Inspectors, Testers, Sorters, Samplers, and Weighers          | 10                                                             | 2                                 | 6                            |
| First-Line Supervisors of Retail Sales Workers                | 10                                                             | 1                                 | 32                           |
| Bill and Account Collectors                                   | 10                                                             | 0                                 | 0                            |
| Cost Estimators                                               | 10                                                             | 0                                 | 0                            |
| Couriers and Messengers                                       | 10                                                             | 0                                 | 0                            |
| Helpers--Installation, Maintenance, and Repair Workers        | 10                                                             | 0                                 | 0                            |
| Industrial Truck and Tractor Operators                        | 10                                                             | 0                                 | 0                            |
| Information and Record Clerks, All Other                      | 10                                                             | 0                                 | 0                            |
| Janitors and Cleaners, Except Maids and Housekeeping Cleaners | 10                                                             | 0                                 | 0                            |
| Public Relations Managers                                     | 10                                                             | 0                                 | 0                            |
| Public Relations Specialists                                  | 10                                                             | 0                                 | 0                            |
| Software Quality Assurance Analysts and Testers               | 10                                                             | 0                                 | 0                            |

| Occupational Title                  | Count of top 25 industries with occupation in staffing pattern | Number of apprenticeship programs | Number of active apprentices |
|-------------------------------------|----------------------------------------------------------------|-----------------------------------|------------------------------|
| Web and Digital Interface Designers | 10                                                             | 0                                 | 0                            |

The full table containing the 260 occupations included in the fastest growing industries is in [Appendix D.](#)

## Conclusion and Recommendations

When measured in the context of numbers of active apprenticeship programs and apprentices within the state's fastest growing industries, Texas appears to be well poised to respond to future labor market demands through the apprenticeship model. The success of established apprenticeship models underscores their proven effectiveness in cultivating skilled talent pipelines. Industries within the Specialty Trade Contractors subsector, for example, have a long history of using the apprenticeship training model to create and maintain worker pipelines that ensure a consistent supply of highly skilled employees. The continued adoption of apprenticeships in non-traditional sectors such as Education highlights a growing recognition of the "earn while you learn" model's value in addressing acute labor shortages and fostering long-term career pathways.

Efforts to build upon the success of existing apprenticeship initiatives and leverage the apprenticeship model as a comprehensive workforce solution for non-traditional industry sectors should continue.

The TWC is committed to supporting apprenticeship programs across the state through a variety of initiatives. The demonstrated benefits and consistent cost-effectiveness of apprenticeship programs, including Apprenticeship Expansion, the Critical Skills Initiative (targeting "middle-skills" occupations), the Health Care Apprenticeship Initiative, the Texas Industry-Recognized Apprenticeships (TIRA) Grant Program, Pre-Apprenticeship Pathways, and the Apprenticeship Tax Refund Pilot Program offer significant value for Texas employers. By leveraging TWC resources, employers can develop a highly skilled workforce while minimizing training costs.

TWC assists employers in establishing and expanding apprenticeship programs with funding often accessed through competitive grant processes or awarded on a first-come, first-served basis. These TWC-supported programs provide apprentices with paid workplace experience, portable industry credentials, and competitive salaries upon completion, contributing to a stronger Texas workforce and economy.

Recommendations for work in the expansion of apprenticeship programs to meet the employment needs of emerging and high-demand industries include the following:

1. Continue outreach and engagement to promote and support work-based learning models, including the apprenticeship training model.
2. Collaborate extensively with employers and other stakeholders to address training needs and create or expand apprenticeship opportunities within emerging and high-demand industries.
3. Increase access to pre-apprenticeship and youth apprenticeship programs, allowing high school students to begin apprenticeship training while still in school. Partner with school districts and community colleges to integrate apprenticeship pathways into career and technical education (CTE) programs, providing students with valuable work experience and a head start on their careers.
4. Continuously monitor industry trends, identify emerging skills gaps, and inform the development of new apprenticeship programs that align with workforce needs.
5. Analyze the geographic distribution of apprenticeship programs and identify areas with limited access to apprenticeship opportunities. Prioritize the development of apprenticeship programs in rural areas to ensure widespread access to training and employment opportunities. Encourage the use of technology and online learning resources to expand access to apprenticeship training in rural areas.

TWC will continue to work with new and existing apprenticeship programs to promote growth and innovation and to ensure successful, sustainable apprenticeship models that meet the state's labor market needs.

### Appendix A: Active Apprenticeship Programs by Industry

| 3 Digit NAICS (Industry Super Sector) | NAICS Title                                                                            | Number of Apprenticeship Programs |
|---------------------------------------|----------------------------------------------------------------------------------------|-----------------------------------|
| 238                                   | Specialty Trade Contractors                                                            | 211                               |
| 611                                   | Educational Services                                                                   | 201                               |
| 237                                   | Heavy and Civil Engineering Construction                                               | 99                                |
| 236                                   | Construction of Buildings                                                              | 97                                |
| 221                                   | Utilities                                                                              | 82                                |
| 922                                   | Justice, Public Order, and Safety Activities                                           | 24                                |
| 541                                   | Professional, Scientific, and Technical Services                                       | 23                                |
| 622                                   | Hospitals                                                                              | 21                                |
| 811                                   | Repair and Maintenance                                                                 | 20                                |
| 561                                   | Administrative and Support Services                                                    | 19                                |
| 325                                   | Chemical Manufacturing                                                                 | 16                                |
| 332                                   | Fabricated Metal Product Manufacturing                                                 | 16                                |
| 621                                   | Ambulatory Health Care Services                                                        | 16                                |
| 333                                   | Machinery Manufacturing                                                                | 12                                |
| 923                                   | Administration of Human Resource Programs                                              | 10                                |
| 324                                   | Petroleum and Coal Products Manufacturing                                              | 8                                 |
| 336                                   | Transportation Equipment Manufacturing                                                 | 8                                 |
| 624                                   | Social Assistance                                                                      | 7                                 |
| 812                                   | Personal and Laundry Services                                                          | 5                                 |
| 813                                   | Religious, Grantmaking, Civic, Professional, and Similar Organizations                 | 5                                 |
| 926                                   | Administration of Economic Programs                                                    | 5                                 |
| 213                                   | Support Activities for Mining                                                          | 4                                 |
| 326                                   | Plastics and Rubber Products Manufacturing                                             | 4                                 |
| 339                                   | Miscellaneous Manufacturing                                                            | 4                                 |
| 524                                   | Insurance Carriers and Related Activities                                              | 4                                 |
| 327                                   | Nonmetallic Mineral Product Manufacturing                                              | 3                                 |
| 441                                   | Motor Vehicle and Parts Dealers                                                        | 3                                 |
| 483                                   | Water Transportation                                                                   | 3                                 |
| 518                                   | Computing Infrastructure Providers, Data Processing, Web Hosting, and Related Services | 3                                 |
| 562                                   | Waste Management and Remediation Services                                              | 3                                 |
| 111                                   | Crop Production                                                                        | 2                                 |
| 423                                   | Merchant Wholesalers, Durable Goods                                                    | 2                                 |
| 481                                   | Air Transportation                                                                     | 2                                 |
| 484                                   | Truck Transportation                                                                   | 2                                 |
| 488                                   | Support Activities for Transportation                                                  | 2                                 |
| 722                                   | Food Services and Drinking Places                                                      | 2                                 |
| 921                                   | Executive, Legislative, and Other General Government Support                           | 2                                 |

| 3 Digit NAICS (Industry Super Sector) | NAICS Title                                                             | Number of Apprenticeship Programs |
|---------------------------------------|-------------------------------------------------------------------------|-----------------------------------|
| 924                                   | Administration of Environmental Quality Programs                        | 2                                 |
| 115                                   | Support Activities for Agriculture and Forestry                         | 1                                 |
| 311                                   | Food Manufacturing                                                      | 1                                 |
| 334                                   | Computer and Electronic Product Manufacturing                           | 1                                 |
| 425                                   | Wholesale Trade Agents and Brokers                                      | 1                                 |
| 453                                   | Miscellaneous Store Retailers                                           | 1                                 |
| 519                                   | Web Search Portals, Libraries, Archives, and Other Information Services | 1                                 |
| 522                                   | Credit Intermediation and Related Activities                            | 1                                 |
| 531                                   | Real Estate                                                             | 1                                 |
| 551                                   | Management of Companies and Enterprises                                 | 1                                 |

#### ***Appendix B: Active Apprentices by Industry***

| NAICS Subsector | NAICS Title                                                            | Number of Active Apprentices |
|-----------------|------------------------------------------------------------------------|------------------------------|
| 238             | Specialty Trade Contractors                                            | 14,738                       |
| 611             | Educational Services                                                   | 5,316                        |
| 237             | Heavy and Civil Engineering Construction                               | 3,809                        |
| 236             | Construction of Buildings                                              | 3,401                        |
| 922             | Justice, Public Order, and Safety Activities                           | 1,451                        |
| 622             | Hospitals                                                              | 1,375                        |
| 221             | Utilities                                                              | 1,344                        |
| 332             | Fabricated Metal Product Manufacturing                                 | 683                          |
| 541             | Professional, Scientific, and Technical Services                       | 541                          |
| 811             | Repair and Maintenance                                                 | 384                          |
| 324             | Petroleum and Coal Products Manufacturing                              | 351                          |
| 624             | Social Assistance                                                      | 331                          |
| 325             | Chemical Manufacturing                                                 | 274                          |
| 561             | Administrative and Support Services                                    | 231                          |
| 923             | Administration of Human Resource Programs                              | 217                          |
| 621             | Ambulatory Health Care Services                                        | 157                          |
| 562             | Waste Management and Remediation Services                              | 135                          |
| 524             | Insurance Carriers and Related Activities                              | 111                          |
| 453             | Miscellaneous Store Retailers                                          | 108                          |
| 333             | Machinery Manufacturing                                                | 100                          |
| 213             | Support Activities for Mining                                          | 82                           |
| 484             | Truck Transportation                                                   | 68                           |
| 336             | Transportation Equipment Manufacturing                                 | 56                           |
| 813             | Religious, Grantmaking, Civic, Professional, and Similar Organizations | 54                           |
| 926             | Administration of Economic Programs                                    | 48                           |

| NAICS Subsector | NAICS Title                                                                            | Number of Active Apprentices |
|-----------------|----------------------------------------------------------------------------------------|------------------------------|
| 326             | Plastics and Rubber Products Manufacturing                                             | 36                           |
| 327             | Nonmetallic Mineral Product Manufacturing                                              | 34                           |
| 481             | Air Transportation                                                                     | 33                           |
| 339             | Miscellaneous Manufacturing                                                            | 25                           |
| 441             | Motor Vehicle and Parts Dealers                                                        | 16                           |
| 334             | Computer and Electronic Product Manufacturing                                          | 14                           |
| 488             | Support Activities for Transportation                                                  | 11                           |
| 722             | Food Services and Drinking Places                                                      | 8                            |
| 924             | Administration of Environmental Quality Programs                                       | 7                            |
| 812             | Personal and Laundry Services                                                          | 6                            |
| 921             | Executive, Legislative, and Other General Government Support                           | 5                            |
| 311             | Food Manufacturing                                                                     | 4                            |
| 518             | Computing Infrastructure Providers, Data Processing, Web Hosting, and Related Services | 3                            |
| 551             | Management of Companies and Enterprises                                                | 3                            |
| 423             | Merchant Wholesalers, Durable Goods                                                    | 3                            |
| 115             | Support Activities for Agriculture and Forestry                                        | 3                            |
| 483             | Water Transportation                                                                   | 3                            |
| 111             | Crop Production                                                                        | 2                            |
| 522             | Credit Intermediation and Related Activities                                           | 1                            |
| 531             | Real Estate                                                                            | 1                            |
| 519             | Web Search Portals, Libraries, Archives, and Other Information Services                | 1                            |
| 425             | Wholesale Trade Agents and Brokers                                                     | 1                            |

### ***Appendix C: Active Apprenticeship Programs by Workforce Development Area***

#### **Accommodation and Food Service**

| WDA           | Total Active Programs |
|---------------|-----------------------|
| Dallas County | 1                     |
| Gulf Coast    | 1                     |

#### **Administrative and Support and Waste Management and Remediation Services**

| WDA           | Total Active Programs |
|---------------|-----------------------|
| Alamo         | 2                     |
| Borderplex    | 3                     |
| Dallas County | 5                     |
| East Texas    | 3                     |
| Gulf Coast    | 7                     |
| Texoma        | 2                     |

### Agriculture, Forestry, Fishing, and Hunting

| <b>WDA</b> | <b>Total Active Programs</b> |
|------------|------------------------------|
| East Texas | 1                            |
| Gulf Coast | 2                            |

### Construction

| <b>WDA</b>              | <b>Total Active Programs</b> |
|-------------------------|------------------------------|
| Alamo                   | 32                           |
| Borderplex              | 14                           |
| Brazos Valley           | 1                            |
| Cameron County          | 1                            |
| Coastal Bend            | 9                            |
| Concho Valley           | 1                            |
| Dallas County           | 16                           |
| Deep East Texas         | 4                            |
| East Texas              | 70                           |
| Golden Crescent         | 3                            |
| Gulf Coast              | 113                          |
| Heart Of Texas          | 19                           |
| Lower Rio Grande Valley | 13                           |
| Middle Rio Grande       | 8                            |
| North Texas             | 8                            |
| Panhandle               | 9                            |
| Permian Basin           | 5                            |
| Rural Capital           | 12                           |
| Tarrant County          | 22                           |
| Texoma                  | 37                           |
| West Central            | 10                           |

### Educational Services

| <b>WDA</b>              | <b>Total Active Programs</b> |
|-------------------------|------------------------------|
| Alamo                   | 6                            |
| Borderplex              | 3                            |
| Cameron County          | 2                            |
| Dallas County           | 21                           |
| Deep East Texas         | 1                            |
| East Texas              | 8                            |
| Golden Crescent         | 1                            |
| Gulf Coast              | 92                           |
| Heart Of Texas          | 24                           |
| Lower Rio Grande Valley | 3                            |
| Middle Rio Grande       | 16                           |
| North Texas             | 1                            |
| Tarrant County          | 8                            |

| <b>WDA</b> | <b>Total Active Programs</b> |
|------------|------------------------------|
| Texoma     | 15                           |

#### Finance and Insurance

| <b>WDA</b> | <b>Total Active Programs</b> |
|------------|------------------------------|
| Alamo      | 1                            |
| Gulf Coast | 4                            |

#### Health Care and Social Assistance

| <b>WDA</b>              | <b>Total Active Programs</b> |
|-------------------------|------------------------------|
| Alamo                   | 1                            |
| Coastal Bend            | 2                            |
| Dallas County           | 9                            |
| East Texas              | 4                            |
| Gulf Coast              | 9                            |
| Heart Of Texas          | 1                            |
| Lower Rio Grande Valley | 2                            |
| Middle Rio Grande       | 2                            |
| Permian Basin           | 2                            |
| Rural Capital           | 1                            |
| Tarrant County          | 4                            |
| Texoma                  | 1                            |
| West Central            | 6                            |

#### Information

| <b>WDA</b>        | <b>Total Active Programs</b> |
|-------------------|------------------------------|
| Gulf Coast        | 1                            |
| Middle Rio Grande | 1                            |
| Tarrant County    | 2                            |

#### Management of Companies and Enterprises

| <b>WDA</b> | <b>Total Active Programs</b> |
|------------|------------------------------|
| Gulf Coast | 1                            |

#### Manufacturing

| <b>WDA</b>      | <b>Total Active Programs</b> |
|-----------------|------------------------------|
| Alamo           | 5                            |
| Borderplex      | 4                            |
| Cameron County  | 1                            |
| Coastal Bend    | 4                            |
| East Texas      | 7                            |
| Golden Crescent | 9                            |
| Gulf Coast      | 20                           |
| Heart Of Texas  | 2                            |

| <b>WDA</b>        | <b>Total Active Programs</b> |
|-------------------|------------------------------|
| Middle Rio Grande | 3                            |
| North Texas       | 3                            |
| Panhandle         | 1                            |
| Tarrant County    | 8                            |
| Texoma            | 5                            |

#### Mining, Quarrying, and Oil and Gas Extraction

| <b>WDA</b>              | <b>Total Active Programs</b> |
|-------------------------|------------------------------|
| Gulf Coast              | 2                            |
| Lower Rio Grande Valley | 1                            |
| Texoma                  | 1                            |

#### Other Services (except Public Administration)

| <b>WDA</b>              | <b>Total Active Programs</b> |
|-------------------------|------------------------------|
| Alamo                   | 4                            |
| Central Texas           | 1                            |
| Coastal Bend            | 1                            |
| Dallas County           | 3                            |
| Deep East Texas         | 1                            |
| Gulf Coast              | 8                            |
| Heart Of Texas          | 1                            |
| Lower Rio Grande Valley | 1                            |
| North Texas             | 1                            |
| Tarrant County          | 2                            |
| Texoma                  | 2                            |
| Grand Total             | 25                           |

#### Professional, Scientific, and Technical Services

| <b>WDA</b>     | <b>Total Active Programs</b> |
|----------------|------------------------------|
| Alamo          | 2                            |
| Borderplex     | 1                            |
| Coastal Bend   | 1                            |
| Dallas County  | 4                            |
| East Texas     | 1                            |
| Gulf Coast     | 4                            |
| Statewide      | 1                            |
| Tarrant County | 1                            |
| Texoma         | 7                            |
| West Central   | 1                            |

#### Public Administration (not covered in economic census)

| <b>WDA</b> | <b>Total Active Programs</b> |
|------------|------------------------------|
| Alamo      | 4                            |

| <b>WDA</b>      | <b>Total Active Programs</b> |
|-----------------|------------------------------|
| Borderplex      | 4                            |
| Deep East Texas | 1                            |
| East Texas      | 3                            |
| Golden Crescent | 1                            |
| Gulf Coast      | 3                            |
| Heart Of Texas  | 1                            |
| Tarrant County  | 5                            |
| Texoma          | 21                           |

#### Real Estate and Rental and Leasing

| <b>WDA</b> | <b>Total Active Programs</b> |
|------------|------------------------------|
| Gulf Coast | 1                            |

#### Retail Trade

| <b>WDA</b>   | <b>Total Active Programs</b> |
|--------------|------------------------------|
| Coastal Bend | 1                            |
| Gulf Coast   | 1                            |
| Texoma       | 1                            |

#### Transportation and Warehousing

| <b>WDA</b>    | <b>Total Active Programs</b> |
|---------------|------------------------------|
| Dallas County | 1                            |
| Gulf Coast    | 8                            |

#### Utilities

| <b>WDA</b>              | <b>Total Active Programs</b> |
|-------------------------|------------------------------|
| Alamo                   | 8                            |
| Borderplex              | 4                            |
| Brazos Valley           | 1                            |
| Coastal Bend            | 2                            |
| Dallas County           | 7                            |
| Deep East Texas         | 8                            |
| East Texas              | 9                            |
| Golden Crescent         | 2                            |
| Gulf Coast              | 5                            |
| Heart Of Texas          | 6                            |
| Lower Rio Grande Valley | 1                            |
| Middle Rio Grande       | 4                            |
| North Texas             | 1                            |
| Panhandle               | 2                            |
| Permian Basin           | 9                            |
| Texoma                  | 8                            |
| West Central            | 5                            |

## Wholesale Trade

| WDA        | Total Active Programs |
|------------|-----------------------|
| Alamo      | 1                     |
| Gulf Coast | 1                     |
| Panhandle  | 1                     |

## Appendix D: Occupations in the Fastest Growing Industries

| Occupational Title                                                              | Count of top 25 industries with occupation in staffing pattern | Number of apprenticeship programs | Number of active apprentices |
|---------------------------------------------------------------------------------|----------------------------------------------------------------|-----------------------------------|------------------------------|
| Customer Service Representatives                                                | 25                                                             | 4                                 | 207                          |
| Human Resources Specialists                                                     | 25                                                             | 1                                 | 2                            |
| Office Clerks, General                                                          | 25                                                             | 1                                 | 1                            |
| First-Line Supervisors of Office and Administrative Support Workers             | 24                                                             | 3                                 | 3                            |
| Bookkeeping, Accounting, and Auditing Clerks                                    | 24                                                             | 0                                 | 0                            |
| Accountants and Auditors                                                        | 23                                                             | 2                                 | 2                            |
| Maintenance and Repair Workers, General                                         | 22                                                             | 6                                 | 298                          |
| Business Operations Specialists, All Other                                      | 22                                                             | 0                                 | 0                            |
| Receptionists and Information Clerks                                            | 22                                                             | 0                                 | 0                            |
| Managers, All Other                                                             | 21                                                             | 2                                 | 3                            |
| Sales Managers                                                                  | 21                                                             | 0                                 | 0                            |
| Secretaries and Administrative Assistants, Except Legal, Medical, and Executive | 21                                                             | 0                                 | 0                            |
| Market Research Analysts and Marketing Specialists                              | 20                                                             | 1                                 | 1                            |
| Stockers and Order Fillers                                                      | 20                                                             | 0                                 | 0                            |
| Computer User Support Specialists                                               | 19                                                             | 9                                 | 31                           |
| Computer Occupations, All Other                                                 | 19                                                             | 5                                 | 90                           |
| Training and Development Specialists                                            | 19                                                             | 1                                 | 5                            |
| Administrative Services Managers                                                | 19                                                             | 0                                 | 0                            |
| Financial Managers                                                              | 19                                                             | 0                                 | 0                            |
| Shipping, Receiving, and Inventory Clerks                                       | 19                                                             | 0                                 | 0                            |
| Compliance Officers                                                             | 18                                                             | 0                                 | 0                            |
| General and Operations Managers                                                 | 17                                                             | 1                                 | 2                            |

| Occupational Title                                                                                               | Count of top 25 industries with occupation in staffing pattern | Number of apprenticeship programs | Number of active apprentices |
|------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------|-----------------------------------|------------------------------|
| Computer and Information Systems Managers                                                                        | 17                                                             | 0                                 | 0                            |
| Human Resources Assistants, Except Payroll and Timekeeping                                                       | 17                                                             | 0                                 | 0                            |
| Project Management Specialists                                                                                   | 17                                                             | 0                                 | 0                            |
| Laborers and Freight, Stock, and Material Movers, Hand                                                           | 16                                                             | 4                                 | 25                           |
| Billing and Posting Clerks                                                                                       | 16                                                             | 0                                 | 0                            |
| Data Entry Keyers                                                                                                | 16                                                             | 0                                 | 0                            |
| First-Line Supervisors of Mechanics, Installers, and Repairers                                                   | 16                                                             | 0                                 | 0                            |
| Human Resources Managers                                                                                         | 16                                                             | 0                                 | 0                            |
| Payroll and Timekeeping Clerks                                                                                   | 16                                                             | 0                                 | 0                            |
| First-Line Supervisors of Transportation and Material Moving Workers, Except Aircraft Cargo Handling Supervisors | 15                                                             | 0                                 | 0                            |
| Retail Salespersons                                                                                              | 15                                                             | 0                                 | 0                            |
| Sales Representatives of Services, Except Advertising, Insurance, Financial Services, and Travel                 | 15                                                             | 0                                 | 0                            |
| Transportation, Storage, and Distribution Managers                                                               | 15                                                             | 0                                 | 0                            |
| Dispatchers, Except Police, Fire, and Ambulance                                                                  | 14                                                             | 3                                 | 9                            |
| Light Truck Drivers                                                                                              | 14                                                             | 0                                 | 0                            |
| Marketing Managers                                                                                               | 14                                                             | 0                                 | 0                            |
| Network and Computer Systems Administrators                                                                      | 13                                                             | 2                                 | 5                            |
| First-Line Supervisors of Production and Operating Workers                                                       | 13                                                             | 0                                 | 0                            |
| Production, Planning, and Expediting Clerks                                                                      | 13                                                             | 0                                 | 0                            |
| Software Developers                                                                                              | 13                                                             | 0                                 | 0                            |
| Computer Systems Analysts                                                                                        | 12                                                             | 2                                 | 10                           |
| Executive Secretaries and Executive Administrative Assistants                                                    | 12                                                             | 1                                 | 2                            |
| Financial and Investment Analysts                                                                                | 12                                                             | 0                                 | 0                            |

| Occupational Title                                            | Count of top 25 industries with occupation in staffing pattern | Number of apprenticeship programs | Number of active apprentices |
|---------------------------------------------------------------|----------------------------------------------------------------|-----------------------------------|------------------------------|
| Management Analysts                                           | 12                                                             | 0                                 | 0                            |
| Heavy and Tractor-Trailer Truck Drivers                       | 11                                                             | 12                                | 531                          |
| Information Security Analysts                                 | 11                                                             | 6                                 | 144                          |
| Security Guards                                               | 11                                                             | 3                                 | 7                            |
| Facilities Managers                                           | 11                                                             | 2                                 | 185                          |
| Graphic Designers                                             | 11                                                             | 1                                 | 49                           |
| Cashiers                                                      | 11                                                             | 0                                 | 0                            |
| Compensation, Benefits, and Job Analysis Specialists          | 11                                                             | 0                                 | 0                            |
| File Clerks                                                   | 11                                                             | 0                                 | 0                            |
| Meeting, Convention, and Event Planners                       | 11                                                             | 0                                 | 0                            |
| Property, Real Estate, and Community Association Managers     | 11                                                             | 0                                 | 0                            |
| Training and Development Managers                             | 11                                                             | 0                                 | 0                            |
| Automotive Service Technicians and Mechanics                  | 10                                                             | 13                                | 254                          |
| Industrial Machinery Mechanics                                | 10                                                             | 13                                | 189                          |
| Bus and Truck Mechanics and Diesel Engine Specialists         | 10                                                             | 8                                 | 205                          |
| Inspectors, Testers, Sorters, Samplers, and Weighers          | 10                                                             | 2                                 | 6                            |
| First-Line Supervisors of Retail Sales Workers                | 10                                                             | 1                                 | 32                           |
| Bill and Account Collectors                                   | 10                                                             | 0                                 | 0                            |
| Cost Estimators                                               | 10                                                             | 0                                 | 0                            |
| Couriers and Messengers                                       | 10                                                             | 0                                 | 0                            |
| Helpers--Installation, Maintenance, and Repair Workers        | 10                                                             | 0                                 | 0                            |
| Industrial Truck and Tractor Operators                        | 10                                                             | 0                                 | 0                            |
| Information and Record Clerks, All Other                      | 10                                                             | 0                                 | 0                            |
| Janitors and Cleaners, Except Maids and Housekeeping Cleaners | 10                                                             | 0                                 | 0                            |
| Public Relations Managers                                     | 10                                                             | 0                                 | 0                            |
| Public Relations Specialists                                  | 10                                                             | 0                                 | 0                            |
| Software Quality Assurance Analysts and Testers               | 10                                                             | 0                                 | 0                            |

| Occupational Title                                                   | Count of top 25 industries with occupation in staffing pattern | Number of apprenticeship programs | Number of active apprentices |
|----------------------------------------------------------------------|----------------------------------------------------------------|-----------------------------------|------------------------------|
| Web and Digital Interface Designers                                  | 10                                                             | 0                                 | 0                            |
| Computer Programmers                                                 | 9                                                              | 5                                 | 17                           |
| Occupational Health and Safety Specialists                           | 9                                                              | 2                                 | 23                           |
| Medical and Health Services Managers                                 | 9                                                              | 1                                 | 1                            |
| Chief Executives                                                     | 9                                                              | 0                                 | 0                            |
| Computer Network Support Specialists                                 | 9                                                              | 0                                 | 0                            |
| Database Administrators                                              | 9                                                              | 0                                 | 0                            |
| Fast Food and Counter Workers                                        | 9                                                              | 0                                 | 0                            |
| Industrial Production Managers                                       | 9                                                              | 0                                 | 0                            |
| Logisticians                                                         | 9                                                              | 0                                 | 0                            |
| Medical Records Specialists                                          | 9                                                              | 0                                 | 0                            |
| Office and Administrative Support Workers, All Other                 | 9                                                              | 0                                 | 0                            |
| Order Clerks                                                         | 9                                                              | 0                                 | 0                            |
| Packers and Packagers, Hand                                          | 9                                                              | 0                                 | 0                            |
| Purchasing Managers                                                  | 9                                                              | 0                                 | 0                            |
| Registered Nurses                                                    | 8                                                              | 8                                 | 1,083                        |
| Landscaping and Groundskeeping Workers                               | 8                                                              | 3                                 | 14                           |
| Chefs and Head Cooks                                                 | 8                                                              | 0                                 | 0                            |
| Computer Network Architects                                          | 8                                                              | 0                                 | 0                            |
| Electrical Engineers                                                 | 8                                                              | 0                                 | 0                            |
| Financial Specialists, All Other                                     | 8                                                              | 0                                 | 0                            |
| First-Line Supervisors of Construction Trades and Extraction Workers | 8                                                              | 0                                 | 0                            |
| First-Line Supervisors of Food Preparation and Serving Workers       | 8                                                              | 0                                 | 0                            |
| First-Line Supervisors of Non-Retail Sales Workers                   | 8                                                              | 0                                 | 0                            |
| Food Preparation Workers                                             | 8                                                              | 0                                 | 0                            |
| Health Education Specialists                                         | 8                                                              | 0                                 | 0                            |
| Health care Social Workers                                           | 8                                                              | 0                                 | 0                            |
| Interviewers, Except Eligibility and Loan                            | 8                                                              | 0                                 | 0                            |
| Recreation Workers                                                   | 8                                                              | 0                                 | 0                            |

| Occupational Title                                                                           | Count of top 25 industries with occupation in staffing pattern | Number of apprenticeship programs | Number of active apprentices |
|----------------------------------------------------------------------------------------------|----------------------------------------------------------------|-----------------------------------|------------------------------|
| Electricians                                                                                 | 7                                                              | 108                               | 9,973                        |
| Construction Laborers                                                                        | 7                                                              | 84                                | 3,511                        |
| Welders, Cutters, Solderers, and Brazers                                                     | 7                                                              | 15                                | 432                          |
| Community Health Workers                                                                     | 7                                                              | 10                                | 115                          |
| Pharmacy Technicians                                                                         | 7                                                              | 3                                 | 11                           |
| Food Service Managers                                                                        | 7                                                              | 2                                 | 2                            |
| Licensed Practical and Licensed Vocational Nurses                                            | 7                                                              | 2                                 | 7                            |
| Installation, Maintenance, and Repair Workers, All Other                                     | 7                                                              | 1                                 | 1                            |
| Medical Secretaries and Administrative Assistants                                            | 7                                                              | 1                                 | 2                            |
| Substance Abuse, Behavioral Disorder, and Mental Health Counselors                           | 7                                                              | 1                                 | 2                            |
| Construction Managers                                                                        | 7                                                              | 0                                 | 0                            |
| Counter and Rental Clerks                                                                    | 7                                                              | 0                                 | 0                            |
| Data Scientists                                                                              | 7                                                              | 0                                 | 0                            |
| Dietitians and Nutritionists                                                                 | 7                                                              | 0                                 | 0                            |
| Dining Room and Cafeteria Attendants and Bartender Helpers                                   | 7                                                              | 0                                 | 0                            |
| Driver/Sales Workers                                                                         | 7                                                              | 0                                 | 0                            |
| First-Line Supervisors of Landscaping, Lawn Service, and Groundskeeping Workers              | 7                                                              | 0                                 | 0                            |
| Fundraisers                                                                                  | 7                                                              | 0                                 | 0                            |
| Helpers--Production Workers                                                                  | 7                                                              | 0                                 | 0                            |
| Lawyers                                                                                      | 7                                                              | 0                                 | 0                            |
| Mail Clerks and Mail Machine Operators, Except Postal Service                                | 7                                                              | 0                                 | 0                            |
| Mechanical Engineers                                                                         | 7                                                              | 0                                 | 0                            |
| Nurse Practitioners                                                                          | 7                                                              | 0                                 | 0                            |
| Operations Research Analysts                                                                 | 7                                                              | 0                                 | 0                            |
| Sales and Related Workers, All Other                                                         | 7                                                              | 0                                 | 0                            |
| Sales Representatives, Wholesale and Manufacturing, Except Technical and Scientific Products | 7                                                              | 0                                 | 0                            |
| Shuttle Drivers and Chauffeurs                                                               | 7                                                              | 0                                 | 0                            |

| Occupational Title                                                        | Count of top 25 industries with occupation in staffing pattern | Number of apprenticeship programs | Number of active apprentices |
|---------------------------------------------------------------------------|----------------------------------------------------------------|-----------------------------------|------------------------------|
| Social and Community Service Managers                                     | 7                                                              | 0                                 | 0                            |
| Social and Human Service Assistants                                       | 7                                                              | 0                                 | 0                            |
| Heating, Air Conditioning, and Refrigeration Mechanics and Installers     | 6                                                              | 32                                | 468                          |
| Machinists                                                                | 6                                                              | 10                                | 118                          |
| Medical Assistants                                                        | 6                                                              | 8                                 | 38                           |
| Child, Family, and School Social Workers                                  | 6                                                              | 4                                 | 258                          |
| Electrical and Electronics Repairers, Commercial and Industrial Equipment | 6                                                              | 2                                 | 19                           |
| Database Architects                                                       | 6                                                              | 1                                 | 1                            |
| Childcare Workers                                                         | 6                                                              | 0                                 | 0                            |
| Cleaners of Vehicles and Equipment                                        | 6                                                              | 0                                 | 0                            |
| Community and Social Service Specialists, All Other                       | 6                                                              | 0                                 | 0                            |
| Compensation and Benefits Managers                                        | 6                                                              | 0                                 | 0                            |
| Counselors, All Other                                                     | 6                                                              | 0                                 | 0                            |
| Engineering Technologists and Technicians, Except Drafters, All Other     | 6                                                              | 0                                 | 0                            |
| Financial Risk Specialists                                                | 6                                                              | 0                                 | 0                            |
| First-Line Supervisors of Housekeeping and Janitorial Workers             | 6                                                              | 0                                 | 0                            |
| First-Line Supervisors of Security Workers                                | 6                                                              | 0                                 | 0                            |
| Health care Support Workers, All Other                                    | 6                                                              | 0                                 | 0                            |
| Industrial Engineers                                                      | 6                                                              | 0                                 | 0                            |
| Insurance Claims and Policy Processing Clerks                             | 6                                                              | 0                                 | 0                            |
| Maids and Housekeeping Cleaners                                           | 6                                                              | 0                                 | 0                            |
| Mechanical Drafters                                                       | 6                                                              | 0                                 | 0                            |
| Pharmacists                                                               | 6                                                              | 0                                 | 0                            |
| Physical Therapists                                                       | 6                                                              | 0                                 | 0                            |

| Occupational Title                                                            | Count of top 25 industries with occupation in staffing pattern | Number of apprenticeship programs | Number of active apprentices |
|-------------------------------------------------------------------------------|----------------------------------------------------------------|-----------------------------------|------------------------------|
| Procurement Clerks                                                            | 6                                                              | 0                                 | 0                            |
| Respiratory Therapists                                                        | 6                                                              | 0                                 | 0                            |
| Technical Writers                                                             | 6                                                              | 0                                 | 0                            |
| Web Developers                                                                | 6                                                              | 0                                 | 0                            |
| Plumbers, Pipefitters, and Steamfitters                                       | 5                                                              | 80                                | 3,973                        |
| Operating Engineers and Other Construction Equipment Operators                | 5                                                              | 38                                | 701                          |
| Painters, Construction and Maintenance                                        | 5                                                              | 9                                 | 100                          |
| Telecommunications Equipment Installers and Repairers, Except Line Installers | 5                                                              | 9                                 | 308                          |
| Electrical and Electronic Engineering Technologists and Technicians           | 5                                                              | 7                                 | 48                           |
| Health Information Technologists and Medical Registrars                       | 5                                                              | 4                                 | 21                           |
| Aircraft Mechanics and Service Technicians                                    | 5                                                              | 2                                 | 32                           |
| Architectural and Civil Drafters                                              | 5                                                              | 2                                 | 2                            |
| Mobile Heavy Equipment Mechanics, Except Engines                              | 5                                                              | 2                                 | 4                            |
| Coating, Painting, and Spraying Machine Setters, Operators, and Tenders       | 5                                                              | 1                                 | 1                            |
| Engineers, All Other                                                          | 5                                                              | 1                                 | 3                            |
| Mechanical Engineering Technologists and Technicians                          | 5                                                              | 1                                 | 2                            |
| Bakers                                                                        | 5                                                              | 0                                 | 0                            |
| Budget Analysts                                                               | 5                                                              | 0                                 | 0                            |
| Civil Engineers                                                               | 5                                                              | 0                                 | 0                            |
| Computer Hardware Engineers                                                   | 5                                                              | 0                                 | 0                            |
| Educational, Guidance, and Career Counselors and Advisors                     | 5                                                              | 0                                 | 0                            |
| Financial Clerks, All Other                                                   | 5                                                              | 0                                 | 0                            |
| Industrial Engineering Technologists and Technicians                          | 5                                                              | 0                                 | 0                            |
| Laundry and Dry-Cleaning Workers                                              | 5                                                              | 0                                 | 0                            |

| <b>Occupational Title</b>                                    | <b>Count of top 25 industries with occupation in staffing pattern</b> | <b>Number of apprenticeship programs</b> | <b>Number of active apprentices</b> |
|--------------------------------------------------------------|-----------------------------------------------------------------------|------------------------------------------|-------------------------------------|
| Medical Equipment Repairers                                  | 5                                                                     | 0                                        | 0                                   |
| Occupational Therapists                                      | 5                                                                     | 0                                        | 0                                   |
| Psychiatric Technicians                                      | 5                                                                     | 0                                        | 0                                   |
| Radiologic Technologists and Technicians                     | 5                                                                     | 0                                        | 0                                   |
| Securities, Commodities, and Financial Services Sales Agents | 5                                                                     | 0                                        | 0                                   |
| Speech-Language Pathologists                                 | 5                                                                     | 0                                        | 0                                   |
| Telecommunications Line Installers and Repairers             | 4                                                                     | 32                                       | 1,424                               |
| Carpenters                                                   | 4                                                                     | 31                                       | 629                                 |
| Phlebotomists                                                | 4                                                                     | 7                                        | 76                                  |
| Teaching Assistants, Except Postsecondary                    | 4                                                                     | 4                                        | 80                                  |
| Automotive Body and Related Repairers                        | 4                                                                     | 1                                        | 1                                   |
| Paralegals and Legal Assistants                              | 4                                                                     | 1                                        | 1                                   |
| Sewing Machine Operators                                     | 4                                                                     | 1                                        | 1                                   |
| Veterinary Technologists and Technicians                     | 4                                                                     | 1                                        | 35                                  |
| Aerospace Engineers                                          | 4                                                                     | 0                                        | 0                                   |
| Animal Caretakers                                            | 4                                                                     | 0                                        | 0                                   |
| Architectural and Engineering Managers                       | 4                                                                     | 0                                        | 0                                   |
| Art Directors                                                | 4                                                                     | 0                                        | 0                                   |
| Biological Technicians                                       | 4                                                                     | 0                                        | 0                                   |
| Calibration Technologists and Technicians                    | 4                                                                     | 0                                        | 0                                   |
| Claims Adjusters, Examiners, and Investigators               | 4                                                                     | 0                                        | 0                                   |
| Clinical and Counseling Psychologists                        | 4                                                                     | 0                                        | 0                                   |
| Computer Numerically Controlled Tool Operators               | 4                                                                     | 0                                        | 0                                   |
| Cooks, Institution and Cafeteria                             | 4                                                                     | 0                                        | 0                                   |
| Dishwashers                                                  | 4                                                                     | 0                                        | 0                                   |
| Editors                                                      | 4                                                                     | 0                                        | 0                                   |
| First-Line Supervisors of Personal Service Workers           | 4                                                                     | 0                                        | 0                                   |
| Food Servers, Nonrestaurant                                  | 4                                                                     | 0                                        | 0                                   |

| <b>Occupational Title</b>                                                             | <b>Count of top 25 industries with occupation in staffing pattern</b> | <b>Number of apprenticeship programs</b> | <b>Number of active apprentices</b> |
|---------------------------------------------------------------------------------------|-----------------------------------------------------------------------|------------------------------------------|-------------------------------------|
| Fundraising Managers                                                                  | 4                                                                     | 0                                        | 0                                   |
| Health and Safety Engineers, Except Mining Safety Engineers and Inspectors            | 4                                                                     | 0                                        | 0                                   |
| Health Technologists and Technicians, All Other                                       | 4                                                                     | 0                                        | 0                                   |
| Helpers--Electricians                                                                 | 4                                                                     | 0                                        | 0                                   |
| Instructional Coordinators                                                            | 4                                                                     | 0                                        | 0                                   |
| Insurance Sales Agents                                                                | 4                                                                     | 0                                        | 0                                   |
| Loan Interviewers and Clerks                                                          | 4                                                                     | 0                                        | 0                                   |
| Maintenance Workers, Machinery                                                        | 4                                                                     | 0                                        | 0                                   |
| Materials Engineers                                                                   | 4                                                                     | 0                                        | 0                                   |
| Medical Scientists, Except Epidemiologists                                            | 4                                                                     | 0                                        | 0                                   |
| Mental Health and Substance Abuse Social Workers                                      | 4                                                                     | 0                                        | 0                                   |
| Natural Sciences Managers                                                             | 4                                                                     | 0                                        | 0                                   |
| Occupational Health and Safety Technicians                                            | 4                                                                     | 0                                        | 0                                   |
| Office Machine Operators, Except Computer                                             | 4                                                                     | 0                                        | 0                                   |
| Packaging and Filling Machine Operators and Tenders                                   | 4                                                                     | 0                                        | 0                                   |
| Parking Attendants                                                                    | 4                                                                     | 0                                        | 0                                   |
| Personal Financial Advisors                                                           | 4                                                                     | 0                                        | 0                                   |
| Photographers                                                                         | 4                                                                     | 0                                        | 0                                   |
| Physician Assistants                                                                  | 4                                                                     | 0                                        | 0                                   |
| Production Workers, All Other                                                         | 4                                                                     | 0                                        | 0                                   |
| Real Estate Sales Agents                                                              | 4                                                                     | 0                                        | 0                                   |
| Sales Engineers                                                                       | 4                                                                     | 0                                        | 0                                   |
| Sales Representatives, Wholesale and Manufacturing, Technical and Scientific Products | 4                                                                     | 0                                        | 0                                   |
| Social Workers, All Other                                                             | 4                                                                     | 0                                        | 0                                   |
| Substitute Teachers, Short-Term                                                       | 4                                                                     | 0                                        | 0                                   |
| Telemarketers                                                                         | 4                                                                     | 0                                        | 0                                   |
| Tire Repairers and Changers                                                           | 4                                                                     | 0                                        | 0                                   |
| Weighers, Measurers, Checkers, and Samplers, Recordkeeping                            | 4                                                                     | 0                                        | 0                                   |
| Structural Iron and Steel Workers                                                     | 3                                                                     | 19                                       | 1,854                               |

| Occupational Title                                        | Count of top 25 industries with occupation in staffing pattern | Number of apprenticeship programs | Number of active apprentices |
|-----------------------------------------------------------|----------------------------------------------------------------|-----------------------------------|------------------------------|
| Cement Masons and Concrete Finishers                      | 3                                                              | 7                                 | 74                           |
| Cooks, Restaurant                                         | 3                                                              | 6                                 | 134                          |
| Millwrights                                               | 3                                                              | 5                                 | 666                          |
| Life, Physical, and Social Science Technicians, All Other | 3                                                              | 2                                 | 10                           |
| Security and Fire Alarm Systems Installers                | 3                                                              | 2                                 | 10                           |
| Audio and Video Technicians                               | 3                                                              | 1                                 | 2                            |
| Construction and Building Inspectors                      | 3                                                              | 1                                 | 1                            |
| Education Administrators, Kindergarten through Secondary  | 3                                                              | 1                                 | 5                            |
| Emergency Medical Technicians                             | 3                                                              | 1                                 | 19                           |
| Film and Video Editors                                    | 3                                                              | 1                                 | 2                            |
| Magnetic Resonance Imaging Technologists                  | 3                                                              | 1                                 | 7                            |
| Producers and Directors                                   | 3                                                              | 1                                 | 1                            |
| Surveying and Mapping Technicians                         | 3                                                              | 1                                 | 2                            |
| Advertising and Promotions Managers                       | 3                                                              | 0                                 | 0                            |
| Anesthesiologists                                         | 3                                                              | 0                                 | 0                            |
| Audiologists                                              | 3                                                              | 0                                 | 0                            |
| Automotive and Watercraft Service Attendants              | 3                                                              | 0                                 | 0                            |
| Bartenders                                                | 3                                                              | 0                                 | 0                            |
| Bioengineers and Biomedical Engineers                     | 3                                                              | 0                                 | 0                            |
| Cardiovascular Technologists and Technicians              | 3                                                              | 0                                 | 0                            |
| Chemical Technicians                                      | 3                                                              | 0                                 | 0                            |
| Chemists                                                  | 3                                                              | 0                                 | 0                            |
| Civil Engineering Technologists and Technicians           | 3                                                              | 0                                 | 0                            |
| Clergy                                                    | 3                                                              | 0                                 | 0                            |
| Commercial Pilots                                         | 3                                                              | 0                                 | 0                            |
| Computer, Automated Teller, and Office Machine Repairers  | 3                                                              | 0                                 | 0                            |

| Occupational Title                                                                                   | Count of top 25 industries with occupation in staffing pattern | Number of apprenticeship programs | Number of active apprentices |
|------------------------------------------------------------------------------------------------------|----------------------------------------------------------------|-----------------------------------|------------------------------|
| Control and Valve Installers and Repairers, Except Mechanical Door                                   | 3                                                              | 0                                 | 0                            |
| Crossing Guards and Flaggers                                                                         | 3                                                              | 0                                 | 0                            |
| Demonstrators and Product Promoters                                                                  | 3                                                              | 0                                 | 0                            |
| Directors, Religious Activities and Education                                                        | 3                                                              | 0                                 | 0                            |
| Drafters, All Other                                                                                  | 3                                                              | 0                                 | 0                            |
| Electrical and Electronics Drafters                                                                  | 3                                                              | 0                                 | 0                            |
| Electrical, Electronic, and Electromechanical Assemblers, Except Coil Winders, Tapers, and Finishers | 3                                                              | 0                                 | 0                            |
| Electronics Engineers, Except Computer                                                               | 3                                                              | 0                                 | 0                            |
| Environmental Scientists and Specialists, Including Health                                           | 3                                                              | 0                                 | 0                            |
| Exercise Trainers and Group Fitness Instructors                                                      | 3                                                              | 0                                 | 0                            |
| Financial Examiners                                                                                  | 3                                                              | 0                                 | 0                            |
| First-Line Supervisors of Entertainment and Recreation Workers, Except Gambling Services             | 3                                                              | 0                                 | 0                            |
| General Internal Medicine Physicians                                                                 | 3                                                              | 0                                 | 0                            |
| Geoscientists, Except Hydrologists and Geographers                                                   | 3                                                              | 0                                 | 0                            |
| Hosts and Hostesses, Restaurant, Lounge, and Coffee Shop                                             | 3                                                              | 0                                 | 0                            |
| Interpreters and Translators                                                                         | 3                                                              | 0                                 | 0                            |
| Labor Relations Specialists                                                                          | 3                                                              | 0                                 | 0                            |
| Loan Officers                                                                                        | 3                                                              | 0                                 | 0                            |
| Lodging Managers                                                                                     | 3                                                              | 0                                 | 0                            |
| Medical Equipment Preparers                                                                          | 3                                                              | 0                                 | 0                            |
| Medical Transcriptionists                                                                            | 3                                                              | 0                                 | 0                            |
| Merchandise Displayers and Window Trimmers                                                           | 3                                                              | 0                                 | 0                            |
| Motor Vehicle Operators, All Other                                                                   | 3                                                              | 0                                 | 0                            |
| Nurse Anesthetists                                                                                   | 3                                                              | 0                                 | 0                            |

| Occupational Title                                       | Count of top 25 industries with occupation in staffing pattern | Number of apprenticeship programs | Number of active apprentices |
|----------------------------------------------------------|----------------------------------------------------------------|-----------------------------------|------------------------------|
| Nursing Assistants                                       | 3                                                              | 0                                 | 0                            |
| Obstetricians and Gynecologists                          | 3                                                              | 0                                 | 0                            |
| Occupational Therapy Assistants                          | 3                                                              | 0                                 | 0                            |
| Ophthalmic Medical Technicians                           | 3                                                              | 0                                 | 0                            |
| Outdoor Power Equipment and Other Small Engine Mechanics | 3                                                              | 0                                 | 0                            |
| Parts Salespersons                                       | 3                                                              | 0                                 | 0                            |
| Pharmacy Aides                                           | 3                                                              | 0                                 | 0                            |
| Physical Therapist Assistants                            | 3                                                              | 0                                 | 0                            |
| Physicians, All Other                                    | 3                                                              | 0                                 | 0                            |
| Physicists                                               | 3                                                              | 0                                 | 0                            |
| Psychiatrists                                            | 3                                                              | 0                                 | 0                            |
| Public Safety Telecommunicators                          | 3                                                              | 0                                 | 0                            |
| Radiologists                                             | 3                                                              | 0                                 | 0                            |
| Riggers                                                  | 3                                                              | 0                                 | 0                            |
| Self-Enrichment Teachers                                 | 3                                                              | 0                                 | 0                            |
| Surgeons, All Other                                      | 3                                                              | 0                                 | 0                            |
| Surgical Technologists                                   | 3                                                              | 0                                 | 0                            |
| Teachers and Instructors, All Other                      | 3                                                              | 0                                 | 0                            |
| Therapists, All Other                                    | 3                                                              | 0                                 | 0                            |
| Title Examiners, Abstractors, and Searchers              | 3                                                              | 0                                 | 0                            |
| Transportation Inspectors                                | 3                                                              | 0                                 | 0                            |
| Ushers, Lobby Attendants, and Ticket Takers              | 3                                                              | 0                                 | 0                            |
| Veterinarians                                            | 3                                                              | 0                                 | 0                            |
| Waiters and Waitresses                                   | 3                                                              | 0                                 | 0                            |
| Writers and Authors                                      | 3                                                              | 0                                 | 0                            |
| Electrical Power-Line Installers and Repairers           | 2                                                              | 35                                | 1,410                        |
| Electric Motor, Power Tool, and Related Repairers        | 2                                                              | 21                                | 325                          |
| Sheet Metal Workers                                      | 2                                                              | 20                                | 849                          |
| Preschool Teachers, Except Special Education             | 2                                                              | 7                                 | 353                          |
| Wind Turbine Service Technicians                         | 2                                                              | 6                                 | 126                          |
| Boilermakers                                             | 2                                                              | 3                                 | 10                           |
| Cargo and Freight Agents                                 | 2                                                              | 3                                 | 11                           |
| Crane and Tower Operators                                | 2                                                              | 3                                 | 7                            |

| Occupational Title                                                                          | Count of top 25 industries with occupation in staffing pattern | Number of apprenticeship programs | Number of active apprentices |
|---------------------------------------------------------------------------------------------|----------------------------------------------------------------|-----------------------------------|------------------------------|
| Electro-Mechanical and Mechatronics Technologists and Technicians                           | 2                                                              | 3                                 | 57                           |
| Farmworkers and Laborers, Crop, Nursery, and Greenhouse                                     | 2                                                              | 2                                 | 2                            |
| Hairdressers, Hairstylists, and Cosmetologists                                              | 2                                                              | 2                                 | 13                           |
| Molding, Coremaking, and Casting Machine Setters, Operators, and Tenders, Metal and Plastic | 2                                                              | 2                                 | 15                           |
| Recreational Vehicle Service Technicians                                                    | 2                                                              | 2                                 | 7                            |
| Animal Trainers                                                                             | 2                                                              | 1                                 | 1                            |
| Dental Assistants                                                                           | 2                                                              | 1                                 | 5                            |
| Farmworkers, Farm, Ranch, and Aquacultural Animals                                          | 2                                                              | 1                                 | 18                           |
| Home Appliance Repairers                                                                    | 2                                                              | 1                                 | 3                            |
| Legal Secretaries and Administrative Assistants                                             | 2                                                              | 1                                 | 9                            |
| Opticians, Dispensing                                                                       | 2                                                              | 1                                 | 1                            |
| Paving, Surfacing, and Tamping Equipment Operators                                          | 2                                                              | 1                                 | 7                            |
| Printing Press Operators                                                                    | 2                                                              | 1                                 | 45                           |
| Skincare Specialists                                                                        | 2                                                              | 1                                 | 1                            |
| Amusement and Recreation Attendants                                                         | 2                                                              | 0                                 | 0                            |
| Athletic Trainers                                                                           | 2                                                              | 0                                 | 0                            |
| Automotive Glass Installers and Repairers                                                   | 2                                                              | 0                                 | 0                            |
| Biochemists and Biophysicists                                                               | 2                                                              | 0                                 | 0                            |
| Biological Scientists, All Other                                                            | 2                                                              | 0                                 | 0                            |
| Bus Drivers, School                                                                         | 2                                                              | 0                                 | 0                            |
| Butchers and Meat Cutters                                                                   | 2                                                              | 0                                 | 0                            |
| Camera Operators, Television, Video, and Film                                               | 2                                                              | 0                                 | 0                            |
| Cardiologists                                                                               | 2                                                              | 0                                 | 0                            |
| Chemical Engineers                                                                          | 2                                                              | 0                                 | 0                            |
| Commercial and Industrial Designers                                                         | 2                                                              | 0                                 | 0                            |
| Computer and Information Research Scientists                                                | 2                                                              | 0                                 | 0                            |

| Occupational Title                                                                      | Count of top 25 industries with occupation in staffing pattern | Number of apprenticeship programs | Number of active apprentices |
|-----------------------------------------------------------------------------------------|----------------------------------------------------------------|-----------------------------------|------------------------------|
| Credit Analysts                                                                         | 2                                                              | 0                                 | 0                            |
| Credit Authorizers, Checkers, and Clerks                                                | 2                                                              | 0                                 | 0                            |
| Credit Counselors                                                                       | 2                                                              | 0                                 | 0                            |
| Crushing, Grinding, and Polishing Machine Setters, Operators, and Tenders               | 2                                                              | 0                                 | 0                            |
| Cutting, Punching, and Press Machine Setters, Operators, and Tenders, Metal and Plastic | 2                                                              | 0                                 | 0                            |
| Dental Hygienists                                                                       | 2                                                              | 0                                 | 0                            |
| Dentists, General                                                                       | 2                                                              | 0                                 | 0                            |
| Diagnostic Medical Sonographers                                                         | 2                                                              | 0                                 | 0                            |
| Dietetic Technicians                                                                    | 2                                                              | 0                                 | 0                            |
| Earth Drillers, Except Oil and Gas                                                      | 2                                                              | 0                                 | 0                            |
| Education Administrators, All Other                                                     | 2                                                              | 0                                 | 0                            |
| Education Administrators, Postsecondary                                                 | 2                                                              | 0                                 | 0                            |
| Education and Childcare Administrators, Preschool and Daycare                           | 2                                                              | 0                                 | 0                            |
| Eligibility Interviewers, Government Programs                                           | 2                                                              | 0                                 | 0                            |
| Emergency Management Directors                                                          | 2                                                              | 0                                 | 0                            |
| Environmental Engineers                                                                 | 2                                                              | 0                                 | 0                            |
| Environmental Science and Protection Technicians, Including Health                      | 2                                                              | 0                                 | 0                            |
| Exercise Physiologists                                                                  | 2                                                              | 0                                 | 0                            |
| Family Medicine Physicians                                                              | 2                                                              | 0                                 | 0                            |
| First-Line Supervisors of Farming, Fishing, and Forestry Workers                        | 2                                                              | 0                                 | 0                            |
| Food Preparation and Serving Related Workers, All Other                                 | 2                                                              | 0                                 | 0                            |
| Geological Technicians, Except Hydrologic Technicians                                   | 2                                                              | 0                                 | 0                            |
| Hazardous Materials Removal Workers                                                     | 2                                                              | 0                                 | 0                            |

| <b>Occupational Title</b>                                                 | <b>Count of top 25 industries with occupation in staffing pattern</b> | <b>Number of apprenticeship programs</b> | <b>Number of active apprentices</b> |
|---------------------------------------------------------------------------|-----------------------------------------------------------------------|------------------------------------------|-------------------------------------|
| Health Specialties Teachers, Postsecondary                                | 2                                                                     | 0                                        | 0                                   |
| Health care Diagnosing or Treating Practitioners, All Other               | 2                                                                     | 0                                        | 0                                   |
| Health care Practitioners and Technical Workers, All Other                | 2                                                                     | 0                                        | 0                                   |
| Helpers--Extraction Workers                                               | 2                                                                     | 0                                        | 0                                   |
| Helpers--Pipelayers, Plumbers, Pipefitters, and Steamfitters              | 2                                                                     | 0                                        | 0                                   |
| Interior Designers                                                        | 2                                                                     | 0                                        | 0                                   |
| Lifeguards, Ski Patrol, and Other Recreational Protective Service Workers | 2                                                                     | 0                                        | 0                                   |
| Locksmiths and Safe Repairers                                             | 2                                                                     | 0                                        | 0                                   |
| Machine Feeders and Offbearers                                            | 2                                                                     | 0                                        | 0                                   |
| Marriage and Family Therapists                                            | 2                                                                     | 0                                        | 0                                   |
| Massage Therapists                                                        | 2                                                                     | 0                                        | 0                                   |
| Medical Dosimetrists                                                      | 2                                                                     | 0                                        | 0                                   |
| Microbiologists                                                           | 2                                                                     | 0                                        | 0                                   |
| Mining and Geological Engineers, Including Mining Safety Engineers        | 2                                                                     | 0                                        | 0                                   |
| Mixing and Blending Machine Setters, Operators, and Tenders               | 2                                                                     | 0                                        | 0                                   |
| Motorboat Mechanics and Service Technicians                               | 2                                                                     | 0                                        | 0                                   |
| Multiple Machine Tool Setters, Operators, and Tenders, Metal and Plastic  | 2                                                                     | 0                                        | 0                                   |
| Musicians and Singers                                                     | 2                                                                     | 0                                        | 0                                   |
| Nurse Midwives                                                            | 2                                                                     | 0                                        | 0                                   |
| Paramedics                                                                | 2                                                                     | 0                                        | 0                                   |
| Pest Control Workers                                                      | 2                                                                     | 0                                        | 0                                   |
| Petroleum Engineers                                                       | 2                                                                     | 0                                        | 0                                   |
| Physical Scientists, All Other                                            | 2                                                                     | 0                                        | 0                                   |
| Physical Therapist Aides                                                  | 2                                                                     | 0                                        | 0                                   |
| Psychiatric Aides                                                         | 2                                                                     | 0                                        | 0                                   |
| Radiation Therapists                                                      | 2                                                                     | 0                                        | 0                                   |
| Recreational Therapists                                                   | 2                                                                     | 0                                        | 0                                   |
| Rehabilitation Counselors                                                 | 2                                                                     | 0                                        | 0                                   |
| Reinforcing Iron and Rebar Workers                                        | 2                                                                     | 0                                        | 0                                   |

| Occupational Title                                             | Count of top 25 industries with occupation in staffing pattern | Number of apprenticeship programs | Number of active apprentices |
|----------------------------------------------------------------|----------------------------------------------------------------|-----------------------------------|------------------------------|
| Reservation and Transportation Ticket Agents and Travel Clerks | 2                                                              | 0                                 | 0                            |
| Residential Advisors                                           | 2                                                              | 0                                 | 0                            |
| Roustabouts, Oil and Gas                                       | 2                                                              | 0                                 | 0                            |
| Social Science Research Assistants                             | 2                                                              | 0                                 | 0                            |
| Social Scientists and Related Workers, All Other               | 2                                                              | 0                                 | 0                            |
| Statisticians                                                  | 2                                                              | 0                                 | 0                            |
| Structural Metal Fabricators and Fitters                       | 2                                                              | 0                                 | 0                            |
| Surgical Assistants                                            | 2                                                              | 0                                 | 0                            |
| Surveyors                                                      | 2                                                              | 0                                 | 0                            |
| Tailors, Dressmakers, and Custom Sewers                        | 2                                                              | 0                                 | 0                            |
| Tellers                                                        | 2                                                              | 0                                 | 0                            |
| Tutors                                                         | 2                                                              | 0                                 | 0                            |
| Veterinary Assistants and Laboratory Animal Caretakers         | 2                                                              | 0                                 | 0                            |
| Elementary School Teachers, Except Special Education           | 1                                                              | 8                                 | 295                          |
| Insulation Workers, Floor, Ceiling, and Wall                   | 1                                                              | 7                                 | 59                           |
| Roofers                                                        | 1                                                              | 7                                 | 48                           |
| Glaziers                                                       | 1                                                              | 5                                 | 81                           |
| Plant and System Operators, All Other                          | 1                                                              | 5                                 | 210                          |
| Stationary Engineers and Boiler Operators                      | 1                                                              | 4                                 | 17                           |
| Water and Wastewater Treatment Plant and System Operators      | 1                                                              | 4                                 | 79                           |
| Audiovisual Equipment Installers and Repairers                 | 1                                                              | 3                                 | 6                            |
| Brickmasons and Blockmasons                                    | 1                                                              | 3                                 | 34                           |
| Firefighters                                                   | 1                                                              | 3                                 | 191                          |
| Plasterers and Stucco Masons                                   | 1                                                              | 3                                 | 8                            |
| Well Drill Operator                                            | 1                                                              | 3                                 | 13                           |
| Bus Drivers, Transit and Intercity                             | 1                                                              | 1                                 | 4                            |
| Cooks, Fast Food                                               | 1                                                              | 1                                 | 6                            |
| Ophthalmic Laboratory Technicians                              | 1                                                              | 1                                 | 2                            |

| Occupational Title                                                                             | Count of top 25 industries with occupation in staffing pattern | Number of apprenticeship programs | Number of active apprentices |
|------------------------------------------------------------------------------------------------|----------------------------------------------------------------|-----------------------------------|------------------------------|
| Personal Care and Service Workers, All Other                                                   | 1                                                              | 1                                 | 104                          |
| Upholsterers                                                                                   | 1                                                              | 1                                 | 20                           |
| Actors                                                                                         | 1                                                              | 0                                 | 0                            |
| Actuaries                                                                                      | 1                                                              | 0                                 | 0                            |
| Adult Basic Education, Adult Secondary Education, and English as a Second Language Instructors | 1                                                              | 0                                 | 0                            |
| Advertising Sales Agents                                                                       | 1                                                              | 0                                 | 0                            |
| Aerospace Engineering and Operations Technologists and Technicians                             | 1                                                              | 0                                 | 0                            |
| Agricultural Equipment Operators                                                               | 1                                                              | 0                                 | 0                            |
| Agricultural Sciences Teachers, Postsecondary                                                  | 1                                                              | 0                                 | 0                            |
| Aircraft Cargo Handling Supervisors                                                            | 1                                                              | 0                                 | 0                            |
| Aircraft Structure, Surfaces, Rigging, and Systems Assemblers                                  | 1                                                              | 0                                 | 0                            |
| Ambulance Drivers and Attendants, Except Emergency Medical Technicians                         | 1                                                              | 0                                 | 0                            |
| Anthropologists and Archeologists                                                              | 1                                                              | 0                                 | 0                            |
| Anthropology and Archeology Teachers, Postsecondary                                            | 1                                                              | 0                                 | 0                            |
| Architects, Except Landscape and Naval                                                         | 1                                                              | 0                                 | 0                            |
| Architecture Teachers, Postsecondary                                                           | 1                                                              | 0                                 | 0                            |
| Archivists                                                                                     | 1                                                              | 0                                 | 0                            |
| Area, Ethnic, and Cultural Studies Teachers, Postsecondary                                     | 1                                                              | 0                                 | 0                            |
| Art, Drama, and Music Teachers, Postsecondary                                                  | 1                                                              | 0                                 | 0                            |
| Artists and Related Workers, All Other                                                         | 1                                                              | 0                                 | 0                            |
| Atmospheric and Space Scientists                                                               | 1                                                              | 0                                 | 0                            |
| Atmospheric, Earth, Marine, and Space Sciences Teachers, Postsecondary                         | 1                                                              | 0                                 | 0                            |
| Baggage Porters and Bellhops                                                                   | 1                                                              | 0                                 | 0                            |

| Occupational Title                                           | Count of top 25 industries with occupation in staffing pattern | Number of apprenticeship programs | Number of active apprentices |
|--------------------------------------------------------------|----------------------------------------------------------------|-----------------------------------|------------------------------|
| Biological Science Teachers, Postsecondary                   | 1                                                              | 0                                 | 0                            |
| Brokerage Clerks                                             | 1                                                              | 0                                 | 0                            |
| Building Cleaning Workers, All Other                         | 1                                                              | 0                                 | 0                            |
| Business Teachers, Postsecondary                             | 1                                                              | 0                                 | 0                            |
| Captains, Mates, and Pilots of Water Vessels                 | 1                                                              | 0                                 | 0                            |
| Career/Technical Education Teachers, Middle School           | 1                                                              | 0                                 | 0                            |
| Career/Technical Education Teachers, Postsecondary           | 1                                                              | 0                                 | 0                            |
| Career/Technical Education Teachers, Secondary School        | 1                                                              | 0                                 | 0                            |
| Carpet Installers                                            | 1                                                              | 0                                 | 0                            |
| Chemistry Teachers, Postsecondary                            | 1                                                              | 0                                 | 0                            |
| Chiropractors                                                | 1                                                              | 0                                 | 0                            |
| Choreographers                                               | 1                                                              | 0                                 | 0                            |
| Coaches and Scouts                                           | 1                                                              | 0                                 | 0                            |
| Commercial Divers                                            | 1                                                              | 0                                 | 0                            |
| Communications Teachers, Postsecondary                       | 1                                                              | 0                                 | 0                            |
| Computer Numerically Controlled Tool Programmers             | 1                                                              | 0                                 | 0                            |
| Computer Science Teachers, Postsecondary                     | 1                                                              | 0                                 | 0                            |
| Concierges                                                   | 1                                                              | 0                                 | 0                            |
| Conservation Scientists                                      | 1                                                              | 0                                 | 0                            |
| Conveyor Operators and Tenders                               | 1                                                              | 0                                 | 0                            |
| Correctional Officers and Jailers                            | 1                                                              | 0                                 | 0                            |
| Correspondence Clerks                                        | 1                                                              | 0                                 | 0                            |
| Costume Attendants                                           | 1                                                              | 0                                 | 0                            |
| Court Reporters and Simultaneous Captioners                  | 1                                                              | 0                                 | 0                            |
| Crematory Operators                                          | 1                                                              | 0                                 | 0                            |
| Criminal Justice and Law Enforcement Teachers, Postsecondary | 1                                                              | 0                                 | 0                            |
| Curators                                                     | 1                                                              | 0                                 | 0                            |

| Occupational Title                                                                   | Count of top 25 industries with occupation in staffing pattern | Number of apprenticeship programs | Number of active apprentices |
|--------------------------------------------------------------------------------------|----------------------------------------------------------------|-----------------------------------|------------------------------|
| Cutting and Slicing Machine Setters, Operators, and Tenders                          | 1                                                              | 0                                 | 0                            |
| Detectives and Criminal Investigators                                                | 1                                                              | 0                                 | 0                            |
| Disc Jockeys, Except Radio                                                           | 1                                                              | 0                                 | 0                            |
| Economics Teachers, Postsecondary                                                    | 1                                                              | 0                                 | 0                            |
| Economists                                                                           | 1                                                              | 0                                 | 0                            |
| Education Teachers, Postsecondary                                                    | 1                                                              | 0                                 | 0                            |
| Educational Instruction and Library Workers, All Other                               | 1                                                              | 0                                 | 0                            |
| Electrical and Electronics Repairers, Powerhouse, Substation, and Relay              | 1                                                              | 0                                 | 0                            |
| Embalmers                                                                            | 1                                                              | 0                                 | 0                            |
| Engineering Teachers, Postsecondary                                                  | 1                                                              | 0                                 | 0                            |
| English Language and Literature Teachers, Postsecondary                              | 1                                                              | 0                                 | 0                            |
| Entertainment and Recreation Managers, Except Gambling                               | 1                                                              | 0                                 | 0                            |
| Environmental Science Teachers, Postsecondary                                        | 1                                                              | 0                                 | 0                            |
| Epidemiologists                                                                      | 1                                                              | 0                                 | 0                            |
| Extraction Workers, All Other                                                        | 1                                                              | 0                                 | 0                            |
| Extruding and Drawing Machine Setters, Operators, and Tenders, Metal and Plastic     | 1                                                              | 0                                 | 0                            |
| Extruding, Forming, Pressing, and Compacting Machine Setters, Operators, and Tenders | 1                                                              | 0                                 | 0                            |
| Farm Equipment Mechanics and Service Technicians                                     | 1                                                              | 0                                 | 0                            |
| First-Line Supervisors of Correctional Officers                                      | 1                                                              | 0                                 | 0                            |
| First-Line Supervisors of Firefighting and Prevention Workers                        | 1                                                              | 0                                 | 0                            |
| First-Line Supervisors of Police and Detectives                                      | 1                                                              | 0                                 | 0                            |

| Occupational Title                                                          | Count of top 25 industries with occupation in staffing pattern | Number of apprenticeship programs | Number of active apprentices |
|-----------------------------------------------------------------------------|----------------------------------------------------------------|-----------------------------------|------------------------------|
| First-Line Supervisors of Protective Service Workers, All Other             | 1                                                              | 0                                 | 0                            |
| Food Batchmakers                                                            | 1                                                              | 0                                 | 0                            |
| Food Science Technicians                                                    | 1                                                              | 0                                 | 0                            |
| Food Scientists and Technologists                                           | 1                                                              | 0                                 | 0                            |
| Foreign Language and Literature Teachers, Postsecondary                     | 1                                                              | 0                                 | 0                            |
| Forensic Science Technicians                                                | 1                                                              | 0                                 | 0                            |
| Forest and Conservation Technicians                                         | 1                                                              | 0                                 | 0                            |
| Funeral Attendants                                                          | 1                                                              | 0                                 | 0                            |
| Funeral Home Managers                                                       | 1                                                              | 0                                 | 0                            |
| Gambling and Sports Book Writers and Runners                                | 1                                                              | 0                                 | 0                            |
| Gambling Dealers                                                            | 1                                                              | 0                                 | 0                            |
| Gas Compressor and Gas Pumping Station Operators                            | 1                                                              | 0                                 | 0                            |
| Gas Plant Operators                                                         | 1                                                              | 0                                 | 0                            |
| Genetic Counselors                                                          | 1                                                              | 0                                 | 0                            |
| Geography Teachers, Postsecondary                                           | 1                                                              | 0                                 | 0                            |
| Helpers, Construction Trades, All Other                                     | 1                                                              | 0                                 | 0                            |
| Helpers--Brickmasons, Blockmasons, Stonemasons, and Tile and Marble Setters | 1                                                              | 0                                 | 0                            |
| Helpers--Carpenters                                                         | 1                                                              | 0                                 | 0                            |
| Helpers--Painters, Paperhangers, Plasterers, and Stucco Masons              | 1                                                              | 0                                 | 0                            |
| Helpers--Roofers                                                            | 1                                                              | 0                                 | 0                            |
| Highway Maintenance Workers                                                 | 1                                                              | 0                                 | 0                            |
| History Teachers, Postsecondary                                             | 1                                                              | 0                                 | 0                            |
| Hotel, Motel, and Resort Desk Clerks                                        | 1                                                              | 0                                 | 0                            |
| Insulation Workers, Mechanical                                              | 1                                                              | 0                                 | 0                            |
| Insurance Appraisers, Auto Damage                                           | 1                                                              | 0                                 | 0                            |
| Insurance Underwriters                                                      | 1                                                              | 0                                 | 0                            |
| Kindergarten Teachers, Except Special Education                             | 1                                                              | 0                                 | 0                            |
| Landscape Architects                                                        | 1                                                              | 0                                 | 0                            |

| Occupational Title                                                                | Count of top 25 industries with occupation in staffing pattern | Number of apprenticeship programs | Number of active apprentices |
|-----------------------------------------------------------------------------------|----------------------------------------------------------------|-----------------------------------|------------------------------|
| Lathe and Turning Machine Tool Setters, Operators, and Tenders, Metal and Plastic | 1                                                              | 0                                 | 0                            |
| Law Teachers, Postsecondary                                                       | 1                                                              | 0                                 | 0                            |
| Legal Support Workers, All Other                                                  | 1                                                              | 0                                 | 0                            |
| Librarians and Media Collections Specialists                                      | 1                                                              | 0                                 | 0                            |
| Library Assistants, Clerical                                                      | 1                                                              | 0                                 | 0                            |
| Library Science Teachers, Postsecondary                                           | 1                                                              | 0                                 | 0                            |
| Library Technicians                                                               | 1                                                              | 0                                 | 0                            |
| Locker Room, Coatroom, and Dressing Room Attendants                               | 1                                                              | 0                                 | 0                            |
| Manicurists and Pedicurists                                                       | 1                                                              | 0                                 | 0                            |
| Marine Engineers and Naval Architects                                             | 1                                                              | 0                                 | 0                            |
| Materials Scientists                                                              | 1                                                              | 0                                 | 0                            |
| Mathematical Science Teachers, Postsecondary                                      | 1                                                              | 0                                 | 0                            |
| Mechanical Door Repairers                                                         | 1                                                              | 0                                 | 0                            |
| Media and Communication Workers, All Other                                        | 1                                                              | 0                                 | 0                            |
| Middle School Teachers, Except Special and Career/Technical Education             | 1                                                              | 0                                 | 0                            |
| Molders, Shapers, and Casters, Except Metal and Plastic                           | 1                                                              | 0                                 | 0                            |
| Morticians, Undertakers, and Funeral Arrangers                                    | 1                                                              | 0                                 | 0                            |
| Museum Technicians and Conservators                                               | 1                                                              | 0                                 | 0                            |
| Music Directors and Composers                                                     | 1                                                              | 0                                 | 0                            |
| News Analysts, Reporters, and Journalists                                         | 1                                                              | 0                                 | 0                            |
| Nuclear Medicine Technologists                                                    | 1                                                              | 0                                 | 0                            |
| Nursing Instructors and Teachers, Postsecondary                                   | 1                                                              | 0                                 | 0                            |
| Occupational Therapy Aides                                                        | 1                                                              | 0                                 | 0                            |
| Ophthalmologists, Except Pediatric                                                | 1                                                              | 0                                 | 0                            |
| Optometrists                                                                      | 1                                                              | 0                                 | 0                            |

| Occupational Title                                                 | Count of top 25 industries with occupation in staffing pattern | Number of apprenticeship programs | Number of active apprentices |
|--------------------------------------------------------------------|----------------------------------------------------------------|-----------------------------------|------------------------------|
| Orderlies                                                          | 1                                                              | 0                                 | 0                            |
| Orthopedic Surgeons, Except Pediatric                              | 1                                                              | 0                                 | 0                            |
| Parking Enforcement Workers                                        | 1                                                              | 0                                 | 0                            |
| Pediatricians, General                                             | 1                                                              | 0                                 | 0                            |
| Philosophy and Religion Teachers, Postsecondary                    | 1                                                              | 0                                 | 0                            |
| Physicians, Pathologists                                           | 1                                                              | 0                                 | 0                            |
| Physics Teachers, Postsecondary                                    | 1                                                              | 0                                 | 0                            |
| Pile Driver Operators                                              | 1                                                              | 0                                 | 0                            |
| Pipelayers                                                         | 1                                                              | 0                                 | 0                            |
| Police and Sheriffs Patrol Officers                                | 1                                                              | 0                                 | 0                            |
| Political Science Teachers, Postsecondary                          | 1                                                              | 0                                 | 0                            |
| Postsecondary Teachers, All Other                                  | 1                                                              | 0                                 | 0                            |
| Power Plant Operators                                              | 1                                                              | 0                                 | 0                            |
| Pressers, Textile, Garment, and Related Materials                  | 1                                                              | 0                                 | 0                            |
| Print Binding and Finishing Workers                                | 1                                                              | 0                                 | 0                            |
| Private Detectives and Investigators                               | 1                                                              | 0                                 | 0                            |
| Probation Officers and Correctional Treatment Specialists          | 1                                                              | 0                                 | 0                            |
| Proofreaders and Copy Markers                                      | 1                                                              | 0                                 | 0                            |
| Protective Service Workers, All Other                              | 1                                                              | 0                                 | 0                            |
| Psychologists, All Other                                           | 1                                                              | 0                                 | 0                            |
| Psychology Teachers, Postsecondary                                 | 1                                                              | 0                                 | 0                            |
| Rail-Track Laying and Maintenance Equipment Operators              | 1                                                              | 0                                 | 0                            |
| Real Estate Brokers                                                | 1                                                              | 0                                 | 0                            |
| Recreation and Fitness Studies Teachers, Postsecondary             | 1                                                              | 0                                 | 0                            |
| Religious Workers, All Other                                       | 1                                                              | 0                                 | 0                            |
| Rolling Machine Setters, Operators, and Tenders, Metal and Plastic | 1                                                              | 0                                 | 0                            |
| School Bus Monitors                                                | 1                                                              | 0                                 | 0                            |

| <b>Occupational Title</b>                                                | <b>Count of top 25 industries with occupation in staffing pattern</b> | <b>Number of apprenticeship programs</b> | <b>Number of active apprentices</b> |
|--------------------------------------------------------------------------|-----------------------------------------------------------------------|------------------------------------------|-------------------------------------|
| School Psychologists                                                     | 1                                                                     | 0                                        | 0                                   |
| Secondary School Teachers, Except Special and Career/Technical Education | 1                                                                     | 0                                        | 0                                   |
| Semiconductor Processing Technicians                                     | 1                                                                     | 0                                        | 0                                   |
| Septic Tank Servicers and Sewer Pipe Cleaners                            | 1                                                                     | 0                                        | 0                                   |
| Service Unit Operators, Oil and Gas                                      | 1                                                                     | 0                                        | 0                                   |
| Set and Exhibit Designers                                                | 1                                                                     | 0                                        | 0                                   |
| Social Sciences Teachers, Postsecondary, All Other                       | 1                                                                     | 0                                        | 0                                   |
| Social Work Teachers, Postsecondary                                      | 1                                                                     | 0                                        | 0                                   |
| Sociology Teachers, Postsecondary                                        | 1                                                                     | 0                                        | 0                                   |
| Special Education Teachers, All Other                                    | 1                                                                     | 0                                        | 0                                   |
| Special Education Teachers, Kindergarten and Elementary School           | 1                                                                     | 0                                        | 0                                   |
| Special Education Teachers, Middle School                                | 1                                                                     | 0                                        | 0                                   |
| Special Education Teachers, Preschool                                    | 1                                                                     | 0                                        | 0                                   |
| Special Education Teachers, Secondary School                             | 1                                                                     | 0                                        | 0                                   |
| Stonemasons                                                              | 1                                                                     | 0                                        | 0                                   |
| Switchboard Operators, Including Answering Service                       | 1                                                                     | 0                                        | 0                                   |
| Tank Car, Truck, and Ship Loaders                                        | 1                                                                     | 0                                        | 0                                   |
| Tapers                                                                   | 1                                                                     | 0                                        | 0                                   |
| Tax Preparers                                                            | 1                                                                     | 0                                        | 0                                   |
| Textile, Apparel, and Furnishings Workers, All Other                     | 1                                                                     | 0                                        | 0                                   |
| Transportation Workers, All Other                                        | 1                                                                     | 0                                        | 0                                   |
| Travel Agents                                                            | 1                                                                     | 0                                        | 0                                   |
| Tree Trimmers and Pruners                                                | 1                                                                     | 0                                        | 0                                   |
| Urban and Regional Planners                                              | 1                                                                     | 0                                        | 0                                   |

| Occupational Title                                                                                        | Count of top 25 industries with occupation in staffing pattern | Number of apprenticeship programs | Number of active apprentices |
|-----------------------------------------------------------------------------------------------------------|----------------------------------------------------------------|-----------------------------------|------------------------------|
| Welding, Soldering, and Brazing Machine Setters, Operators, and Tenders                                   | 1                                                              | 0                                 | 0                            |
| Woodworking Machine Setters, Operators, and Tenders, Except Sawing                                        | 1                                                              | 0                                 | 0                            |
| Nursing Assistants                                                                                        | 0                                                              | 16                                | 417                          |
| Assembly Technician                                                                                       | 0                                                              | 11                                | 550                          |
| Chemical Plant and System Operators                                                                       | 0                                                              | 8                                 | 493                          |
| Drywall and Ceiling Tile Installers                                                                       | 0                                                              | 5                                 | 128                          |
| CNC Tool Operators                                                                                        | 0                                                              | 4                                 | 20                           |
| Elevator and Escalator Installers and Repairers                                                           | 0                                                              | 4                                 | 521                          |
| Engineers, All Other                                                                                      | 0                                                              | 4                                 | 30                           |
| Tile and Stone Setters                                                                                    | 0                                                              | 4                                 | 22                           |
| Floor Layers, Except Carpet, Wood, and hard Tiles                                                         | 0                                                              | 3                                 | 11                           |
| Precision Instrument and Equipment Repairers                                                              | 0                                                              | 3                                 | 7                            |
| Tool and Die Makers                                                                                       | 0                                                              | 3                                 | 8                            |
| Data Analyst (Mathematical Science Occupations, All Other                                                 | 0                                                              | 2                                 | 88                           |
| Floor Sanders and Finishers                                                                               | 0                                                              | 2                                 | 6                            |
| Home Health Aides                                                                                         | 0                                                              | 2                                 | 5                            |
| HORTICULTURIST                                                                                            | 0                                                              | 2                                 | 44                           |
| Occupational Health and Safety Specialists                                                                | 0                                                              | 2                                 | 4                            |
| Airline Pilots, Copilots, and Flight Engineers                                                            | 0                                                              | 1                                 | 13                           |
| Cabinetmakers and Bench Carpenters                                                                        | 0                                                              | 1                                 | 17                           |
| COMPUTER-PERIPHERAL-EQUIPMENT-OP                                                                          | 0                                                              | 1                                 | 60                           |
| Foundry Mold and Coremakers                                                                               | 0                                                              | 1                                 | 3                            |
| Grinding, Lapping, Polishing, and Buffing Machine Tool Setters, Operators, and Tenders, Metal and Plastic | 0                                                              | 1                                 | 3                            |

| Occupational Title                                                              | Count of top 25 industries with occupation in staffing pattern | Number of apprenticeship programs | Number of active apprentices |
|---------------------------------------------------------------------------------|----------------------------------------------------------------|-----------------------------------|------------------------------|
| MEDICAL-LABORATORY TECHNICIAN (Alternate Title: Medical Laboratory Specialist ) | 0                                                              | 1                                 | 1                            |
| Patternmakers, Metal and Plastic                                                | 0                                                              | 1                                 | 10                           |

Draft