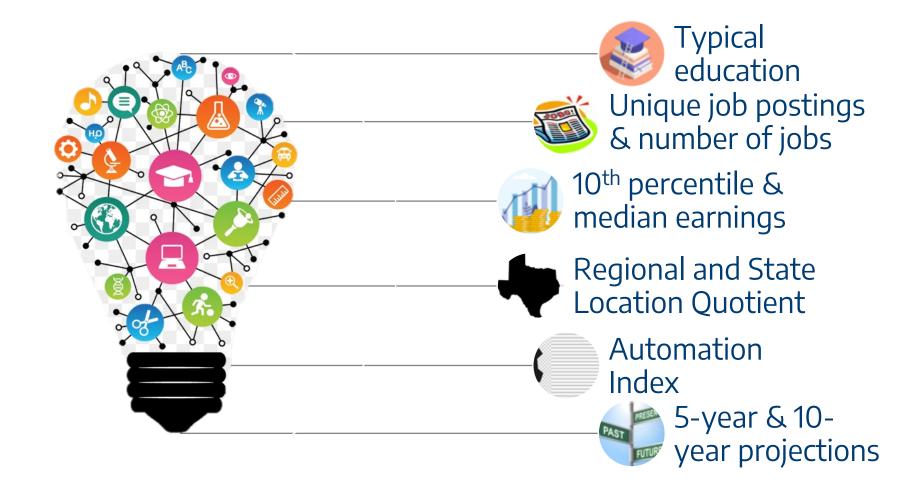
# Regional Labor Market Insights



### Identifying Key Occupations: Target Index



### Considerations for Identifying Key Occupations:

Detailed information about Target Index factors:

- Typical Education Requirements: Less than a bachelor's degree but at least some college
- Job Growth Projection: Positive 5-year and 10-year job growth projections
- Earnings:
  - Entry-level earnings (10th percentile) meets or exceeds the region's living wage
  - Median earnings exceeds the region's living wage
- Automation Risk: Automation index around or below average (not likely for a computer to do the job)
- Relative Demand: Location quotient at or above average
- Regional Importance: Job identified by Texas Workforce Commission or other regional entity
- Demand: Positive and growing unique job postings

Several of the Target Index factors are displayed on the key occupation snapshot slides.





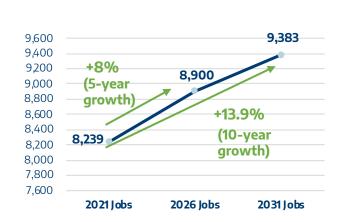
### **Key Occupation: EXAMPLE**

# Texas Association of Community Colleges

### **Region:**

### **Unique Job Postings:**

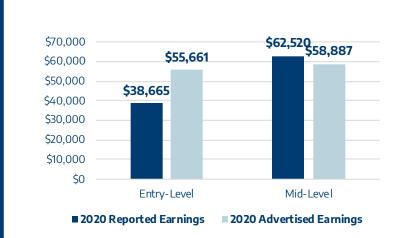
#### **Job Growth Projections**



### **Job Growth Projections show:**

- The number of jobs in 2021
- Projected number of jobs in 2026
- Projected number of jobs in 2031
- The 5-year projected growth rate
- The 10-year projected growth rate

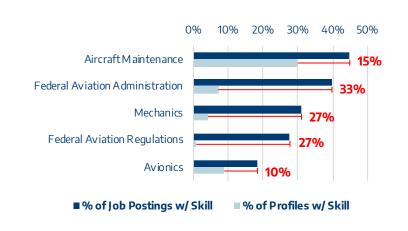
#### **Annual Earnings**



### **Annual Earnings show:**

- Reported Earnings for the occupation from government sources, primarily the BLS's OES dataset
- Advertised Earnings for salary information provided by the company or entity advertising a position through a job posting

### Top Skills Gaps



### **Top Skills Gaps show:**

- % Job Postings with Skill: the proportion of job postings with the skill requested by companies (skills in demand)
- % Profiles with Skill: the skills workers post on social media profiles and resumes, such as LinkedIn (skills in supply)
- Skills Gap: the difference in company-demanded skills and worker-supplied skills. A skills gap indicates a potential shortage for the skill in the region.

# Texas Association of Community Colleges

### **Region:**

### **Unique Job Postings:**

### **Common Qualifications show:**

the most common and in-demand skills found in job postings



**Common Qualifications** 

### **Top Industry Sectors show:**

the industries most associated with job postings



### **Top Employers show:**

the employers posting the highest number of jobs



#### **Automation Risk shows:**

an occupation's risk of being affected by use of computers using the following:

- % of time spent on high-risk work
- % of time spent on low-risk work
- # of high-risk jobs in compatible occupations
- Overall industry automation risk



### Security Clearance

- Secret Clearance
- Security Identification Display Area (SIDA) Badge
- Airport Security Clearance
- Top Secret-Sensitive Compartmented Information (TS/SCI Clearance)

• Transportation and Warehousing

**Top Industry Sectors** 

- Manufacturing
- Public Administration
- Health Care and Social Assistance
- Professional, Scientific, and Technical Services

### State of Texas

• Global Medical Response

**Top Employers** 

- Airbus
- Gulfstream Aerospace
- Textron



**Automation Risk** 

### Career Maps: Similarity Model

• First Step: Key Occupations are matched to Starter & Advancer Occupations by analysis of common skills & gaps.



- Next Step: Skills Gap Analysis
- Final Step: Career Map Development

# North Texas



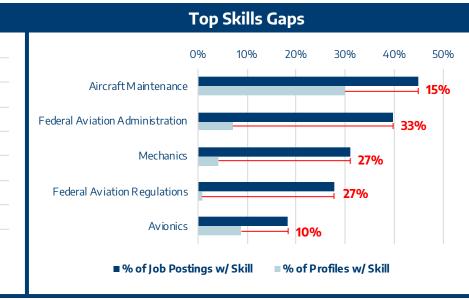
### **Key Occupation:** Aircraft Mechanics and Service Technicians



**Region:** North Texas

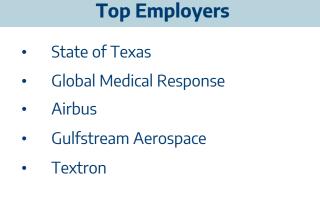
### **Unique Job Postings:** 554











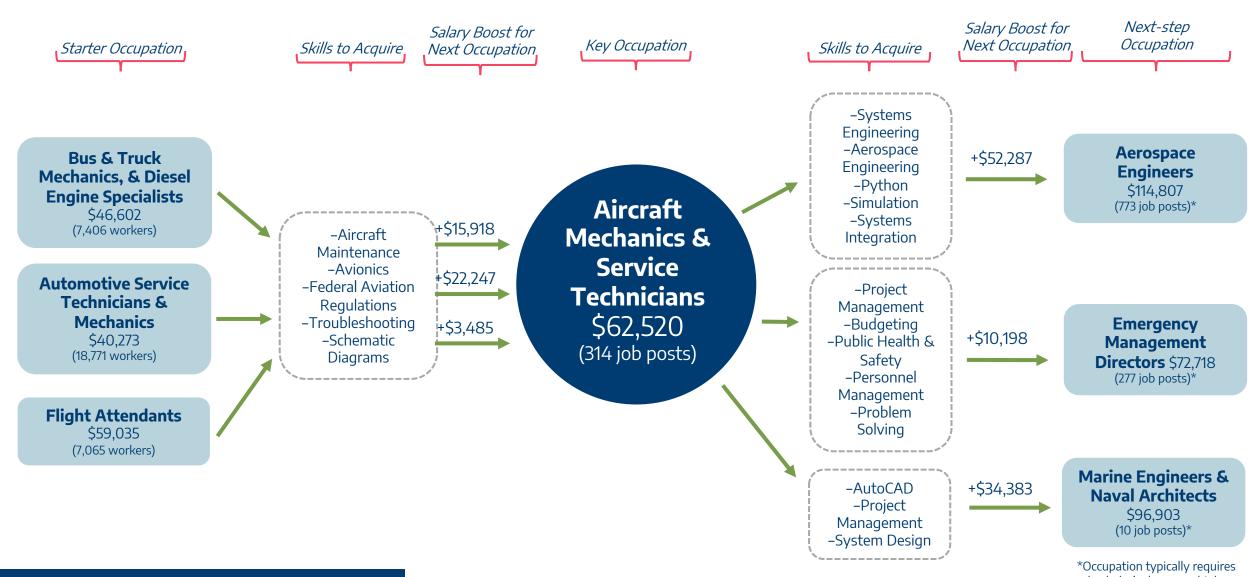


**Automation Risk** 

### **Key Occupation:** Aircraft Mechanics & Service Technicians

### Texas Association of Community Colleges

### **Region:** North Texas



**Source:** Lightcast, formerly Emsi Burning Glass, 2022

a bachelor's degree or higher.

### **Key Occupation:** Insurance Appraisers, Auto Damage

Manufacturing



**Region:** North Texas

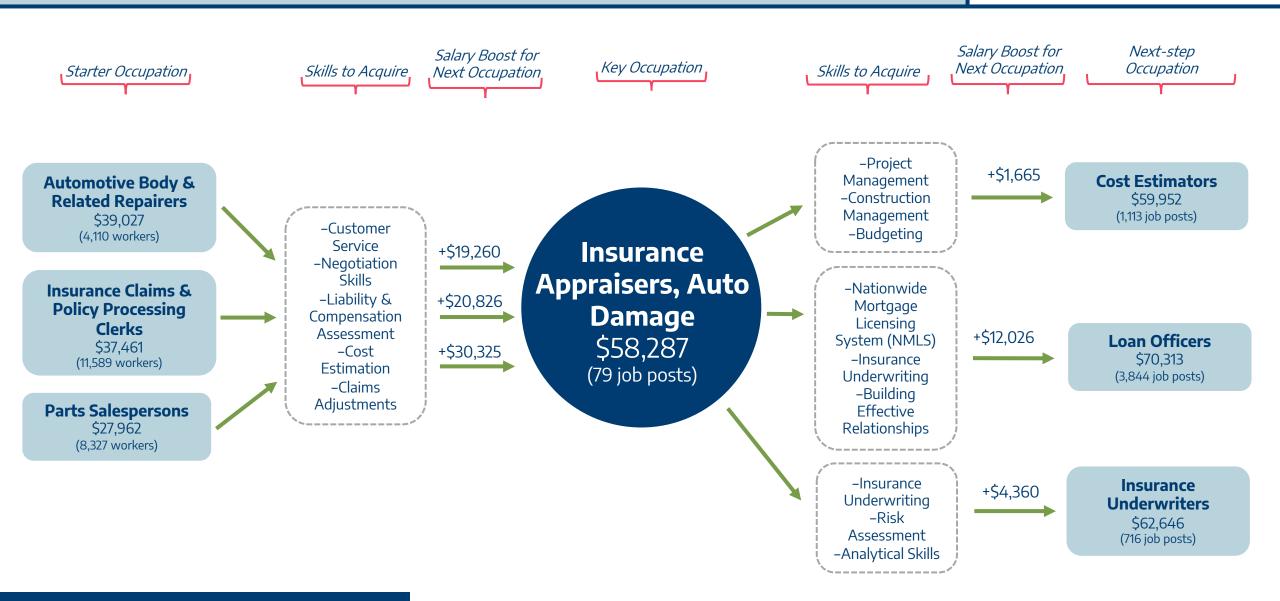
### **Unique Job Postings: 171**



### **Key Occupation:** Insurance Appraisers, Auto Damage

### **Region:** North Texas







**Region:** North Texas

### **Unique Job Postings:** 748

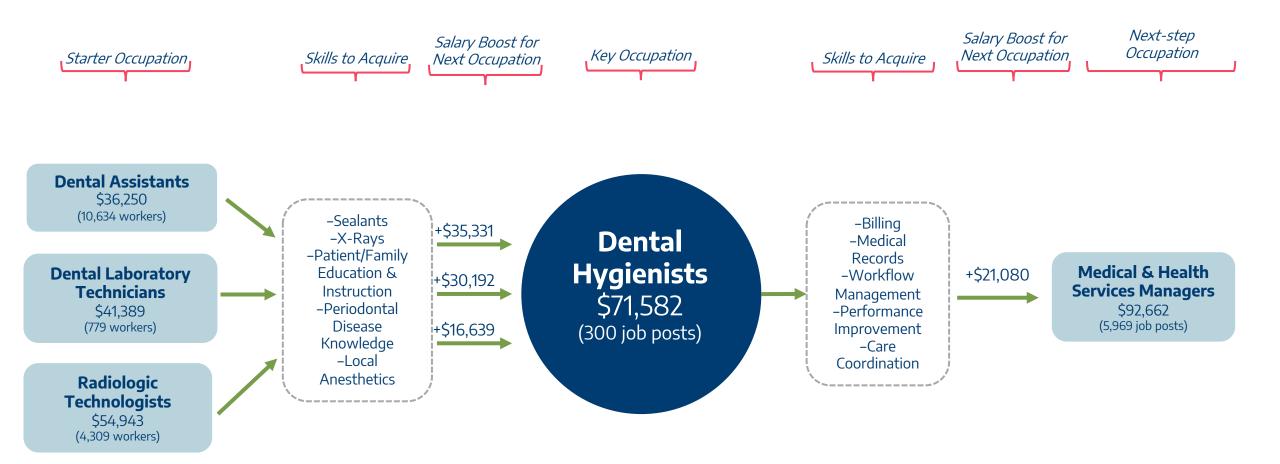




### **Key Occupation:** Dental Hygienists

### **Region:** North Texas



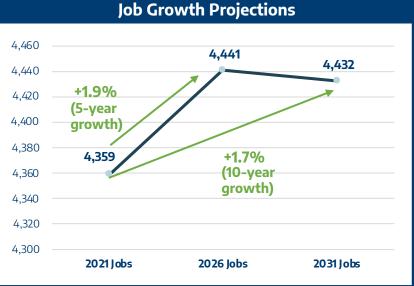


### **Key Occupation:** Architectural and Civil Drafters

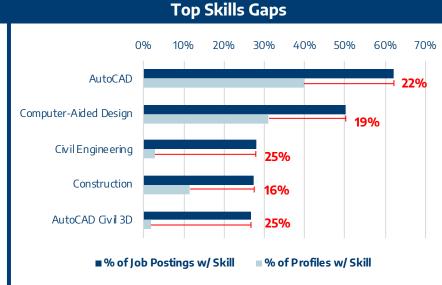


**Region:** North Texas

### **Unique Job Postings:** 748







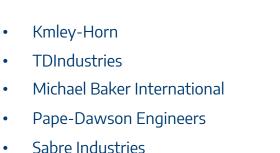
### **Common Qualifications Engineer in Training Professional Engineer** Licensed Professional Engineer LEED Accredited Professional (AP) LEED Green Associate



**Top Industry Sectors** 



- Construction
- Wholesale Trade
- Retail Trade



**Top Employers** 

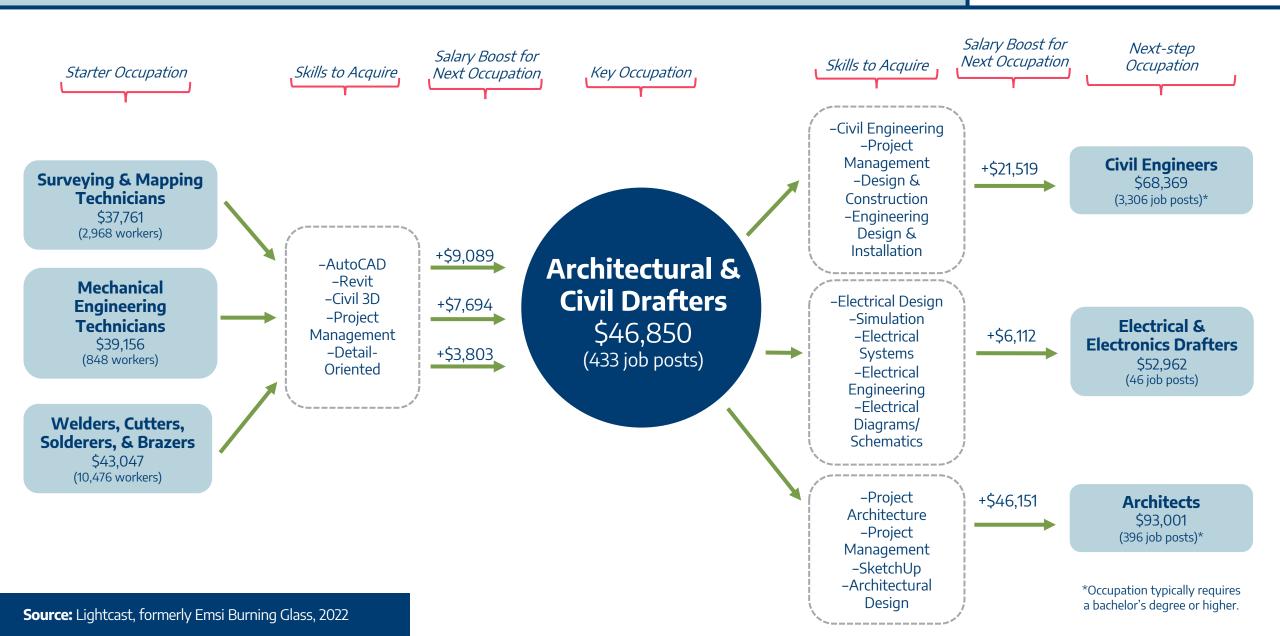


**Automation Risk** 

### **Key Occupation:** Architectural & Civil Drafters

### **Region:** North Texas



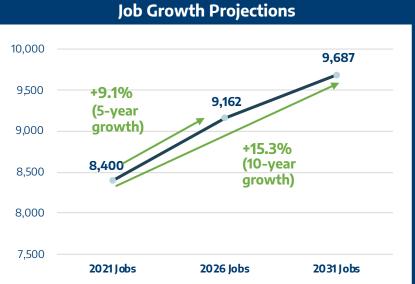


### **Key Occupation:** Paralegals and Legal Assistants



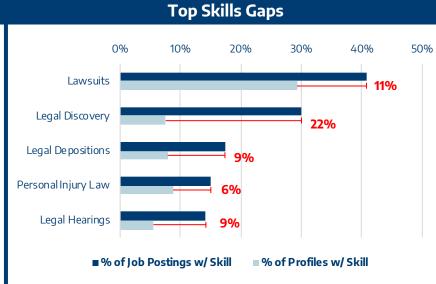
**Region:** North Texas

**Unique Job Postings: 3,768** 



**Common Qualifications** 





# Security ClearanceCertified Legal Assistant



**Top Industry Sectors** 

- Administrative and Support
- Public Administration
- Real Estate and Rental and Leasing

#### The Willis Law Group, Pllc

- THE WIIIIS Law Group, Pilo
- State of Texas
- Bailey & Galyen Attorneys at Law

**Top Employers** 

- Berry Appleman & Leiden Llp
- Legal Aid Northwest Texas

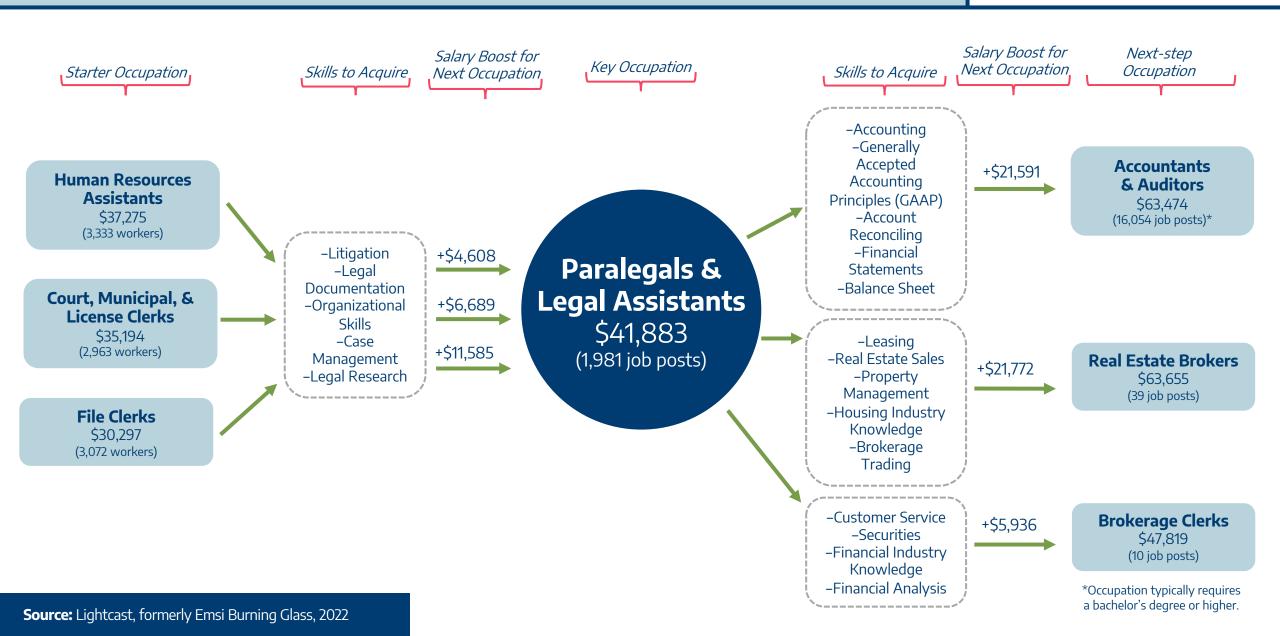


**Automation Risk** 

### **Key Occupation:** Paralegals & Legal Assistants

### **Region:** North Texas





# Central Texas



### **Key Occupation:** Computer User Support Specialists



**Region:** Central Texas

### **Unique Job Postings: 11,166**

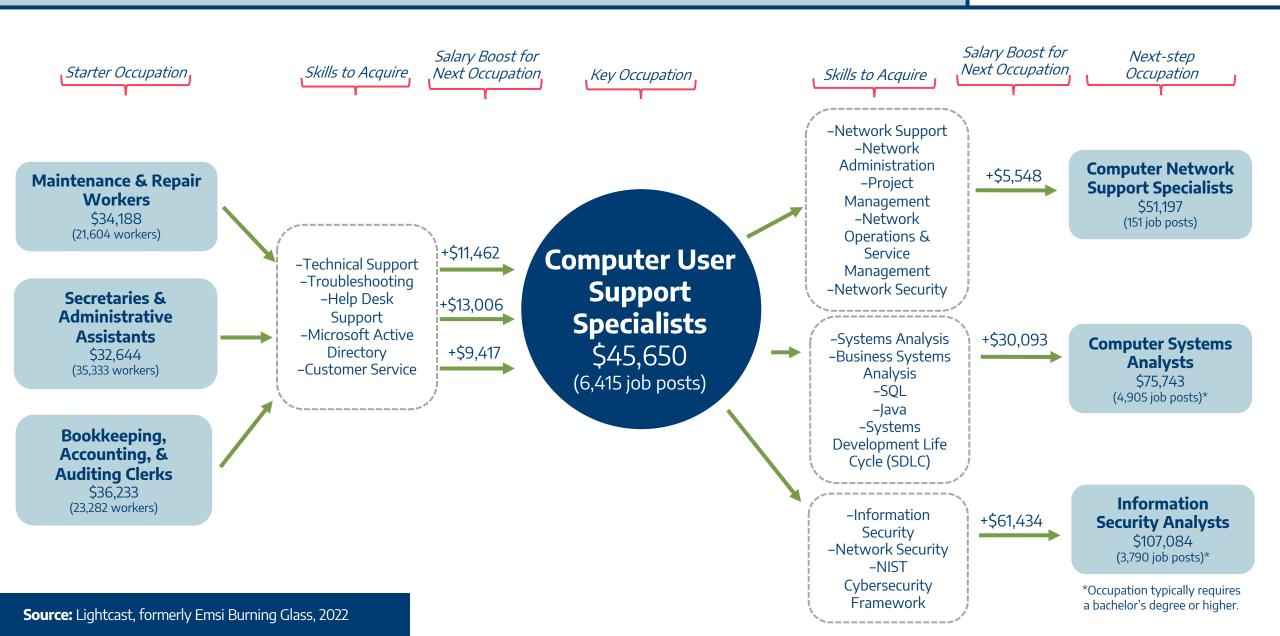




### **Key Occupation:** Computer User Support Specialists

### **Region:** Central Texas



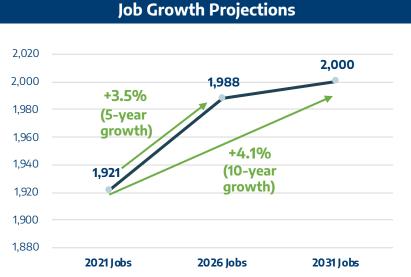


### Key Occupation: Industrial Engineering Technologists and Technicians

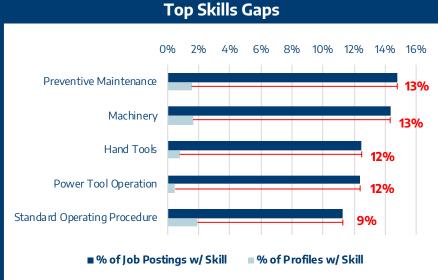


**Region:** Central Texas

**Unique Job Postings:** 1,101





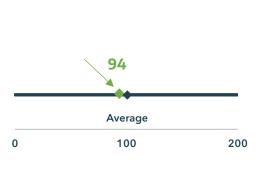


# Commercial Driver's License (CDL) CLD Class B License Certified Forklift Operator CLD Class C License Automotive Service Excellence (ASE) Certification

**Common Qualifications** 





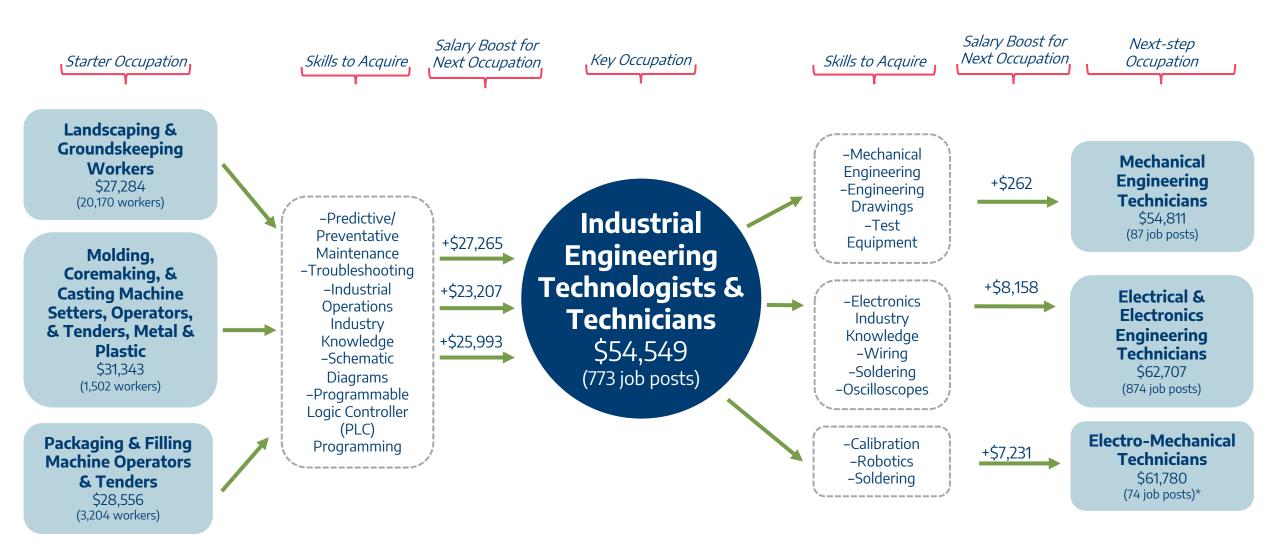


**Automation Risk** 

### **Key Occupation:** Industrial Engineering Technologists & Technicians

## Texas Association of Community Colleges

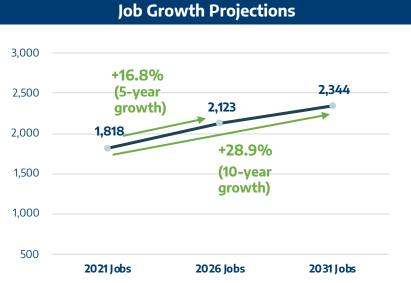
### **Region:** Central Texas



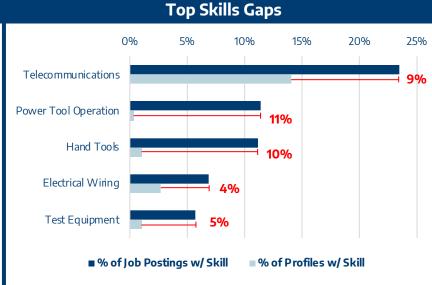


**Region:** Central Texas

### **Unique Job Postings: 1,270**





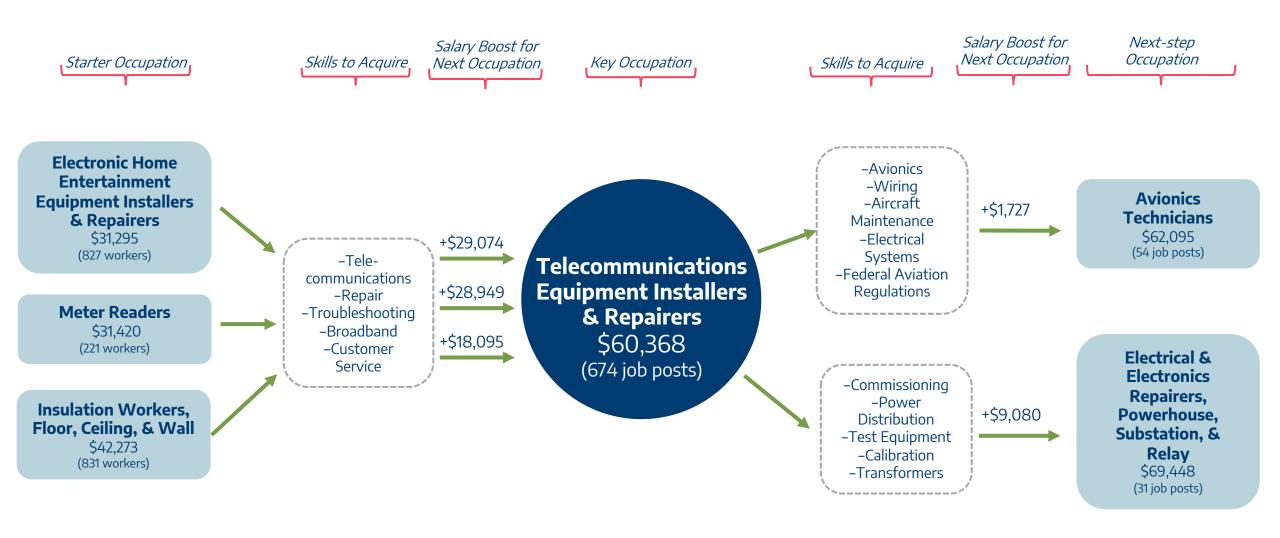




### Key Occupation: Telecommunications Equipment Installers & Repairers

## Texas Association of Community Colleges

### **Region:** Central Texas



### **Key Occupation:** Computer Network Support Specialists



30%

**Region:** Central Texas

### **Unique Job Postings: 234**

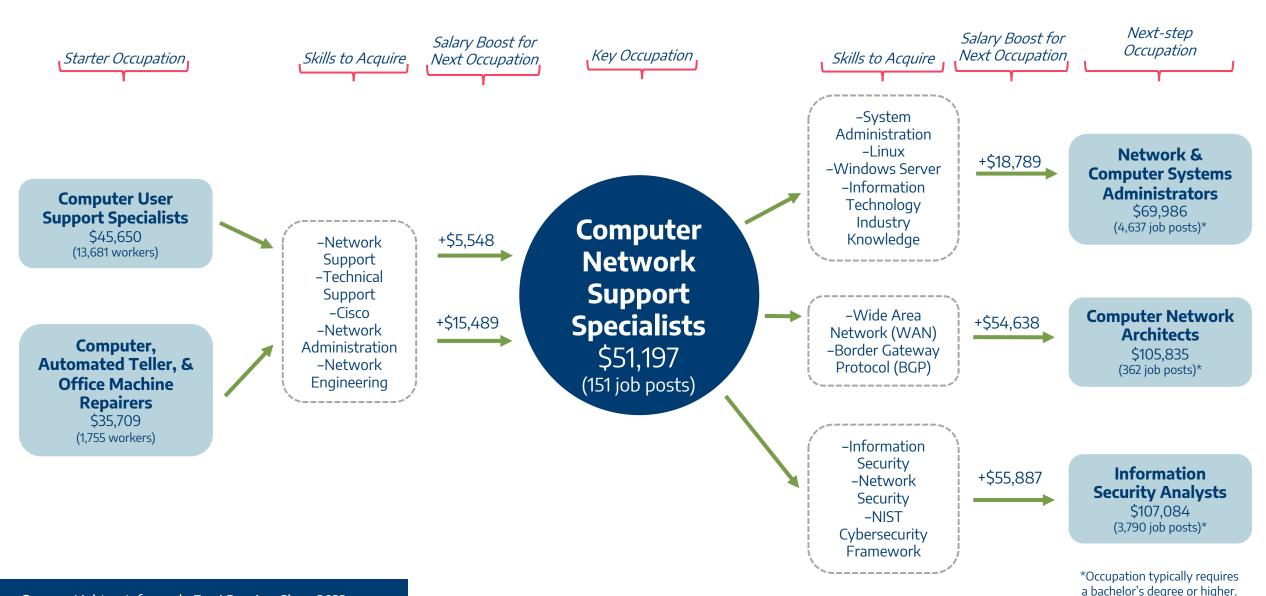




### **Key Occupation:** Computer Network Support Specialists

### **Region:** Central Texas



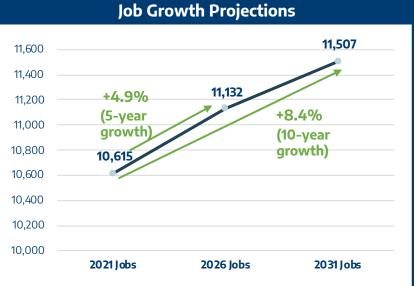


### **Key Occupation:** Licensed Practical and Licensed Vocational Nurses

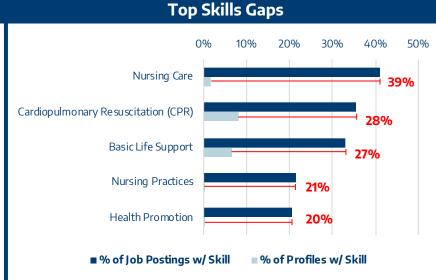


**Region:** Central Texas

### **Unique Job Postings:** 6,810





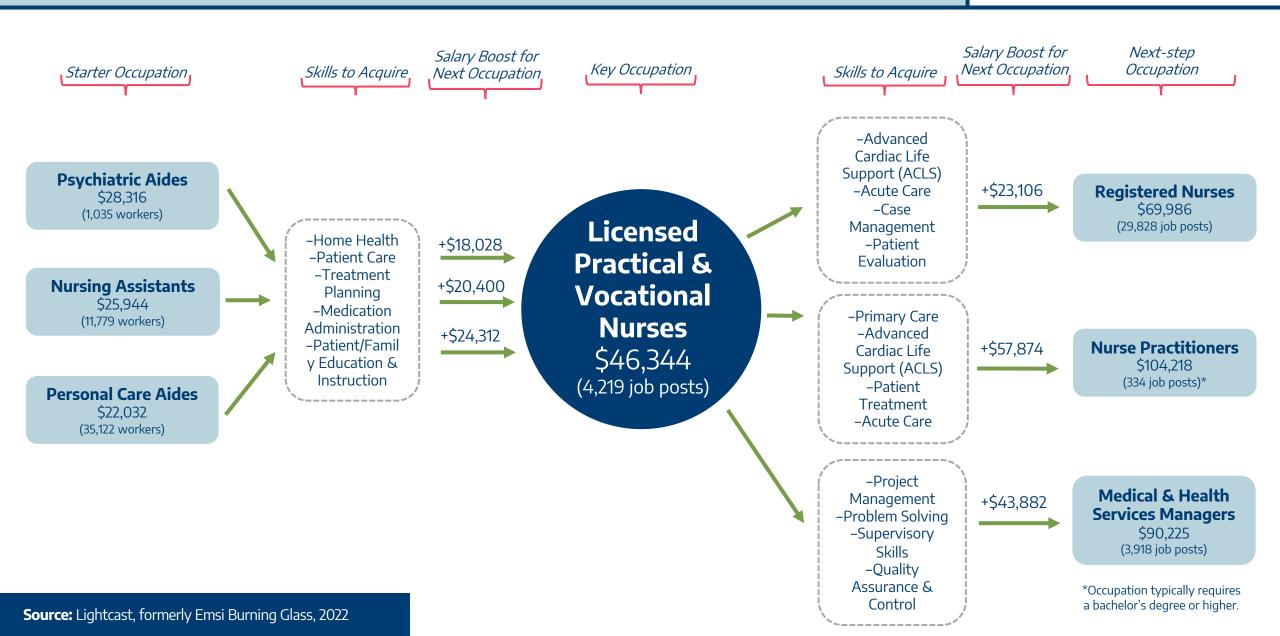


#### **Automation Risk Common Qualifications Top Industry Sectors Top Employers** Licensed Vocational Nurses Health Care and Social Assistance Baylor Scott & White Health Licensed Practical Nurse Professional, Scientific, and Technical Thrive Skilled Pediatric Care 84.8 Aveanna Healthcare Certified Nursing Assistant Services IV (Intravenous) Certification **AccentCare** Average 200 0 100 Associate Degree in Nursing **Austin Regional Clinic**

### **Key Occupation:** Licensed Practical & Licensed Vocational Nurses

### Texas Association of Community Colleges

### **Region:** Central Texas



# East Texas



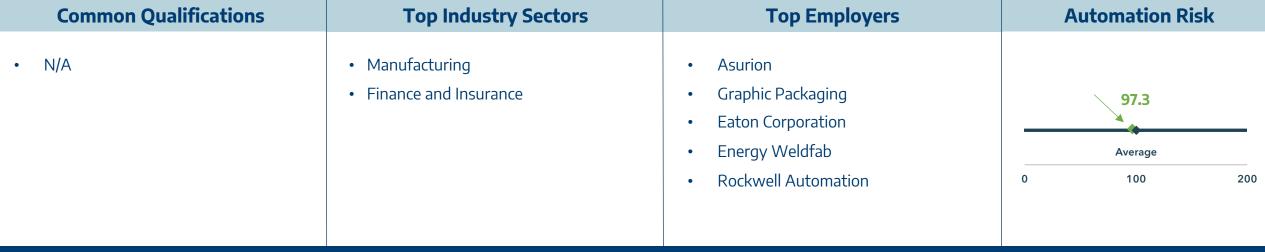
### **Key Occupation:** Electrical and Electronics Repairers, Commercial and Industrial Equipment



**Region:** East Texas

### **Unique Job Postings: 25**

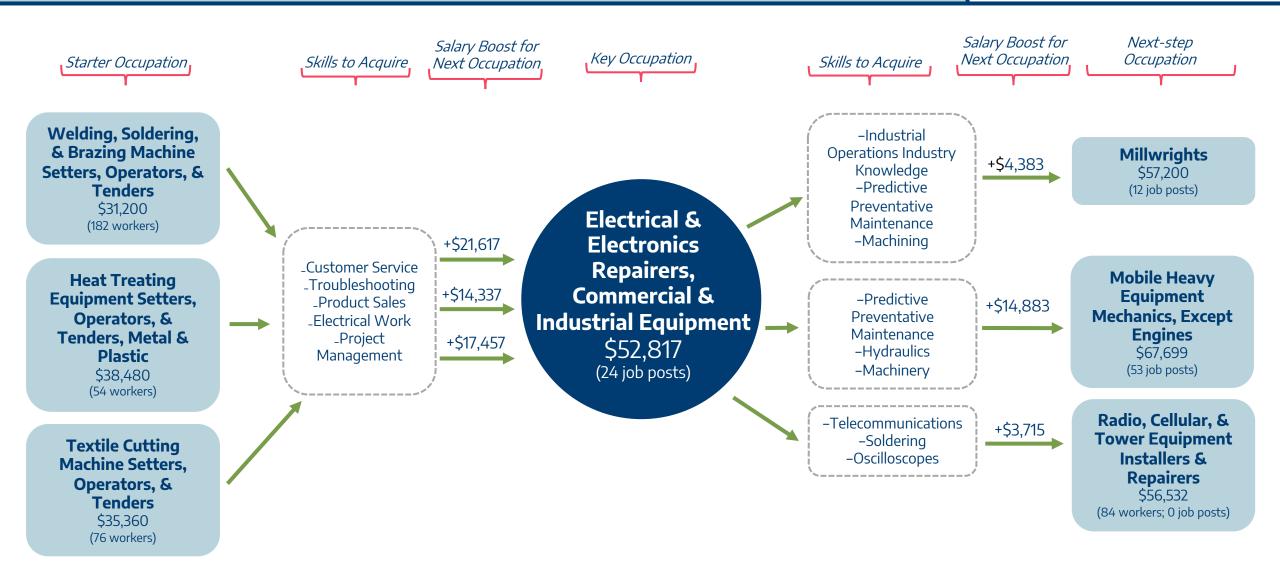




### Key Occupation: Electrical & Electronics Repairers, Commercial & Industrial Equipment

### Texas Association of Community Colleges

### **Region:** East Texas

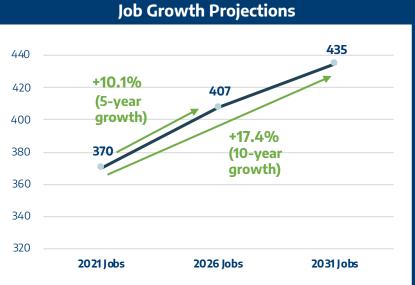


### **Key Occupation:** Physical Therapist Assistants

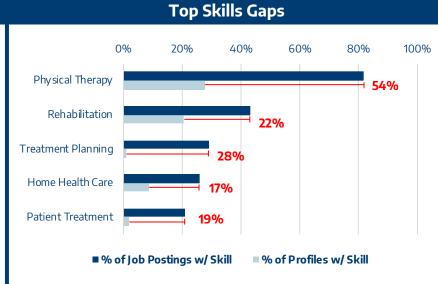


**Region:** East Texas

### **Unique Job Postings:** 395





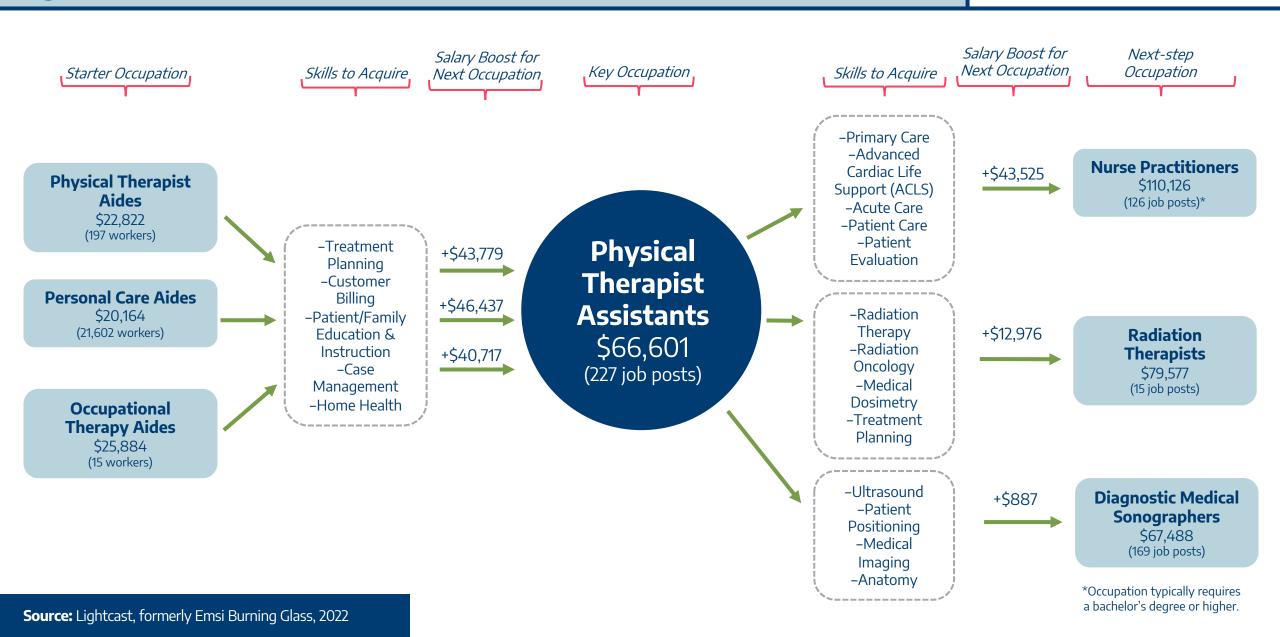


Common Qualifications	Top Industry Sectors	Top Employers	Automation Risk	
<ul> <li>Licensed Practical Nurse</li> <li>Certified Medication Technician</li> <li>Certified Occupational Therapy         Assistant </li> <li>Personal Trainer Certification</li> <li>CNOR Certification</li> </ul>	Health Care and Social Assistance	<ul> <li>Reliant Rehabilitation</li> <li>Encompass Health</li> <li>Heritage Healthcare</li> <li>Genesis Healthcare</li> <li>Cleveland Clinic</li> </ul>	88.1  Average 0 100	200

### **Key Occupation:** Physical Therapist Assistants

### **Region:** East Texas



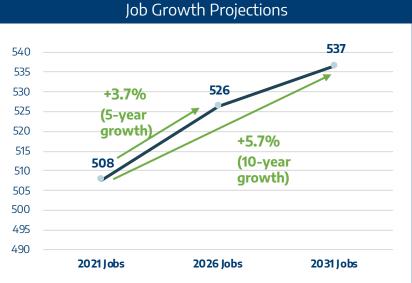


### **Key Occupation:** Surgical Technologists

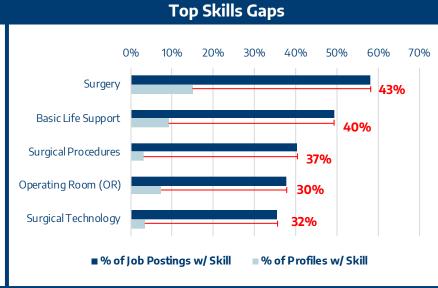


**Region:** East Texas

### **Unique Job Postings: 511**





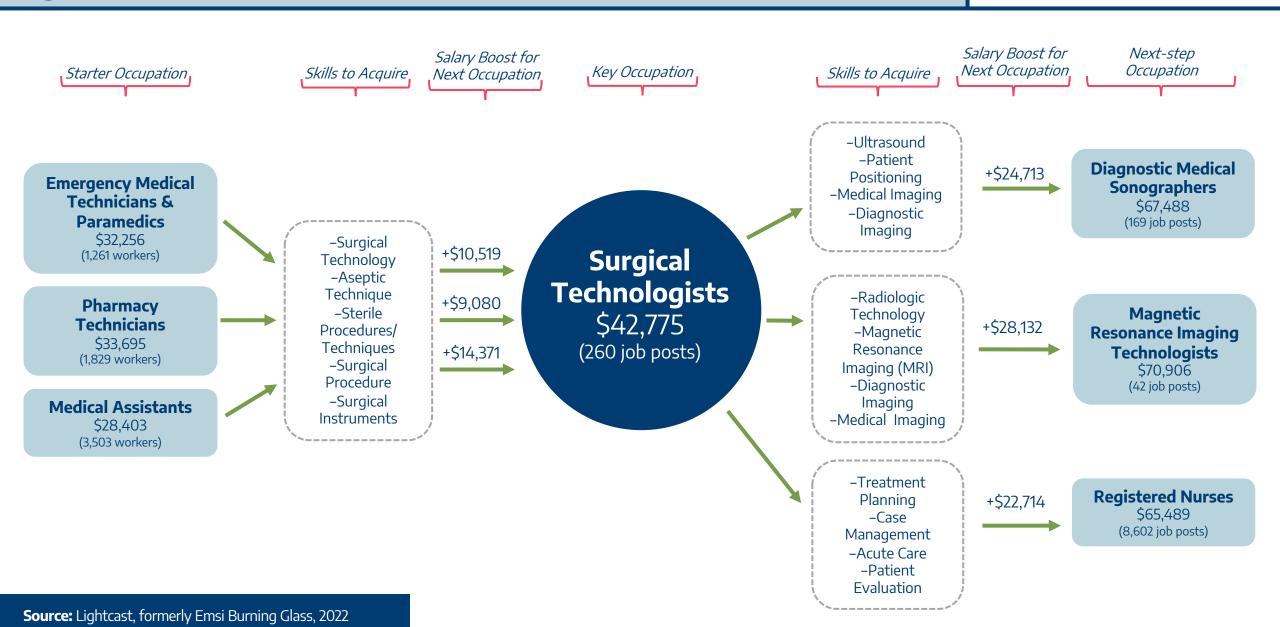




### **Key Occupation:** Surgical Technologists

### **Region:** East Texas

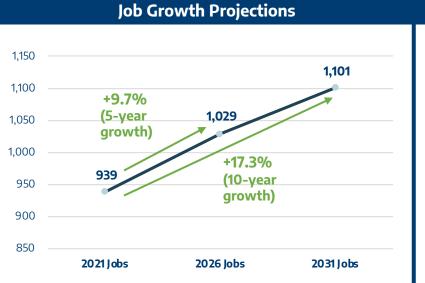




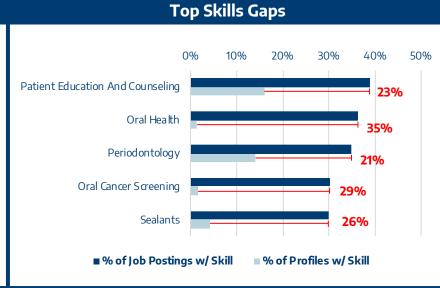


**Region:** East Texas

### **Unique Job Postings: 307**





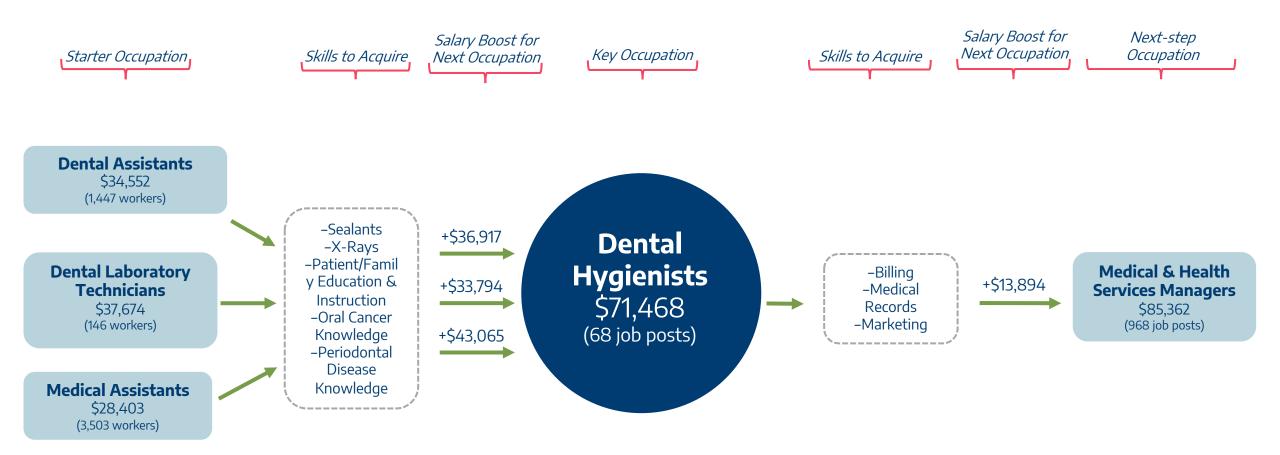




#### **Key Occupation:** Dental Hygienists

#### **Region:** East Texas



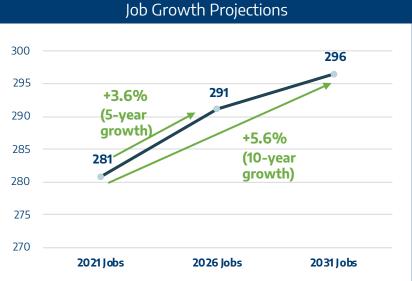


#### Key Occupation: Industrial Engineering Technologists and Technicians

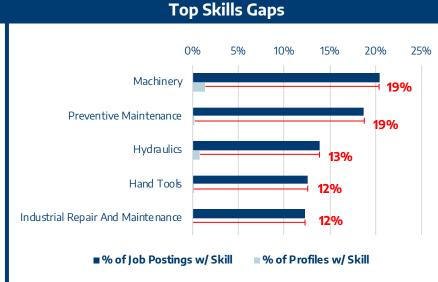


**Region:** East Texas

#### **Unique Job Postings: 231**





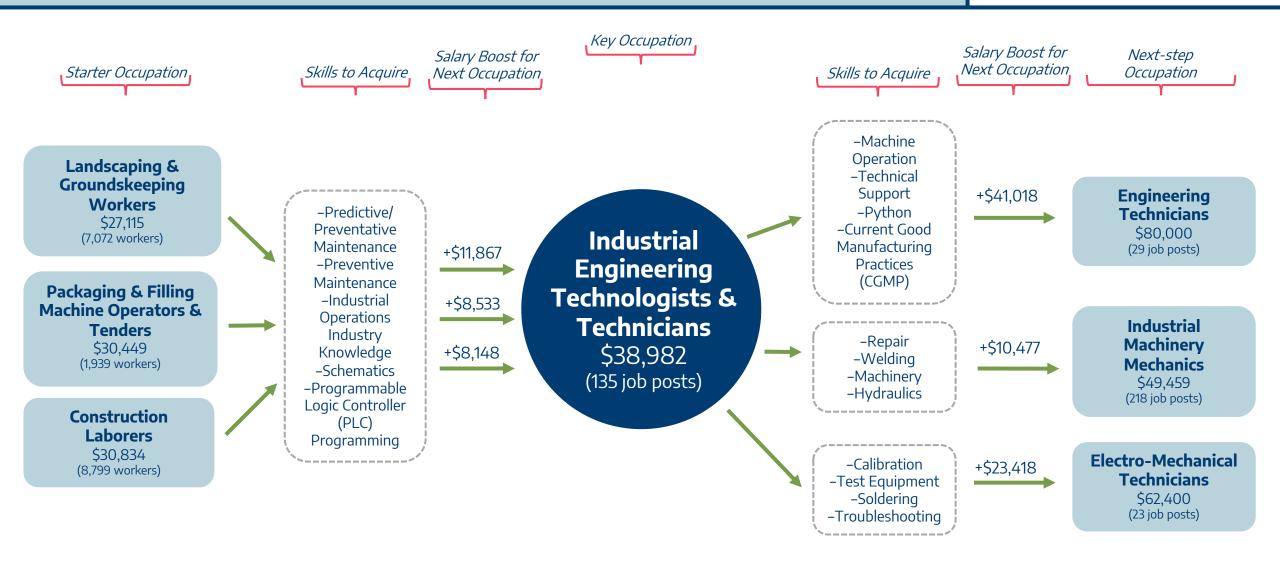




#### **Key Occupation:** Industrial Engineering Technologists & Technicians



#### **Region:** East Texas



# Southeast Texas



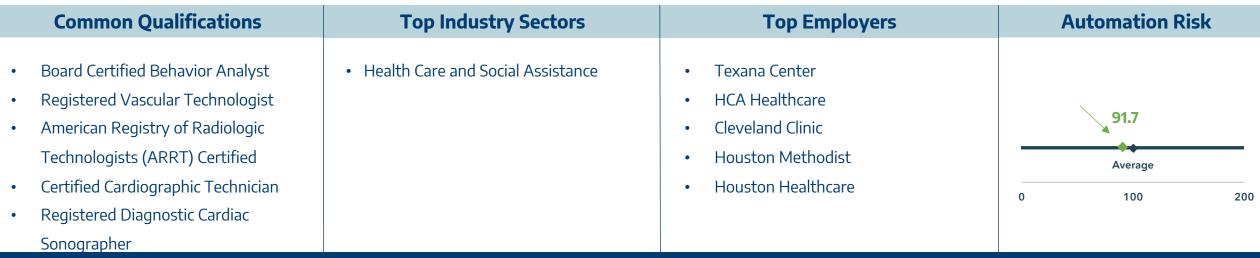
#### **Key Occupation:** Cardiovascular Technologists and Technicians



**Region:** Southeast Texas

**Unique Job Postings: 1,347** 

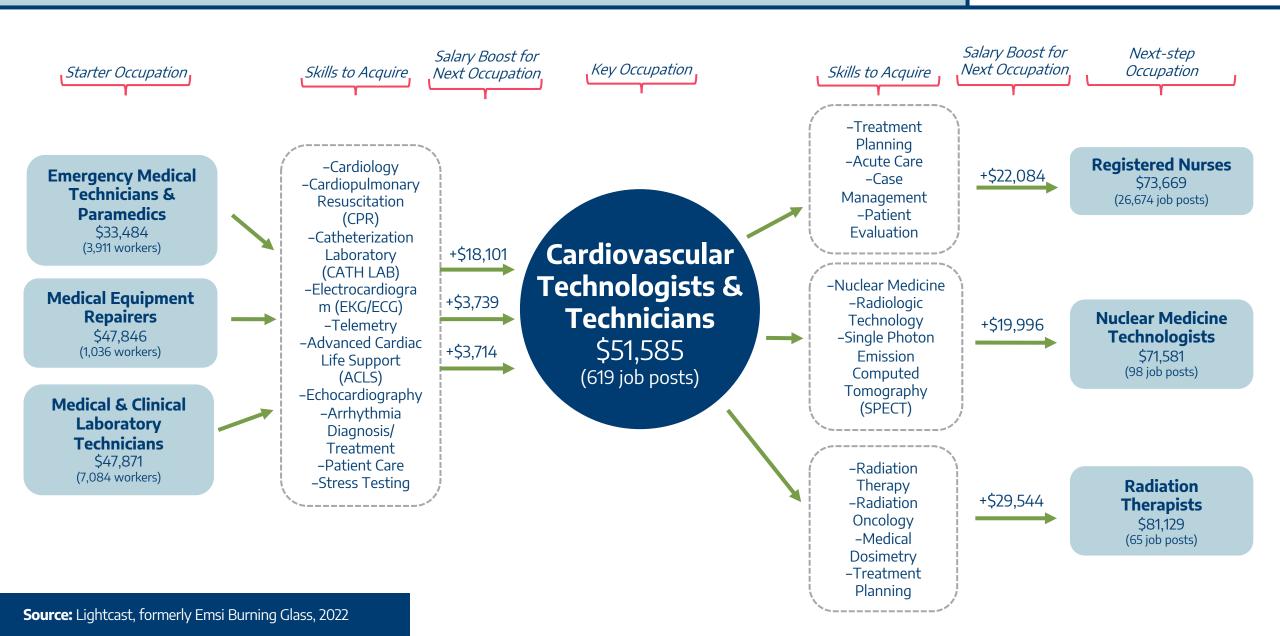




#### **Key Occupation:** Cardiovascular Technologists & Technicians

#### **Region:** Southeast Texas







**Region:** Southeast Texas

#### **Unique Job Postings: 934**

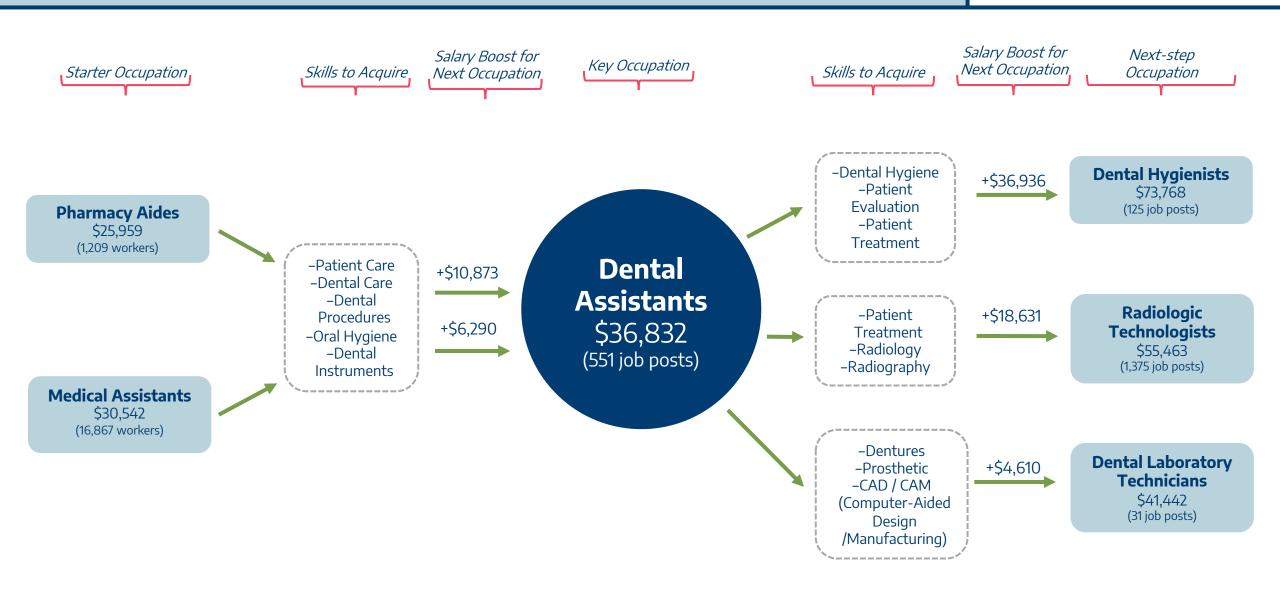




#### **Key Occupation:** Dental Assistants

#### **Region:** Southeast Texas



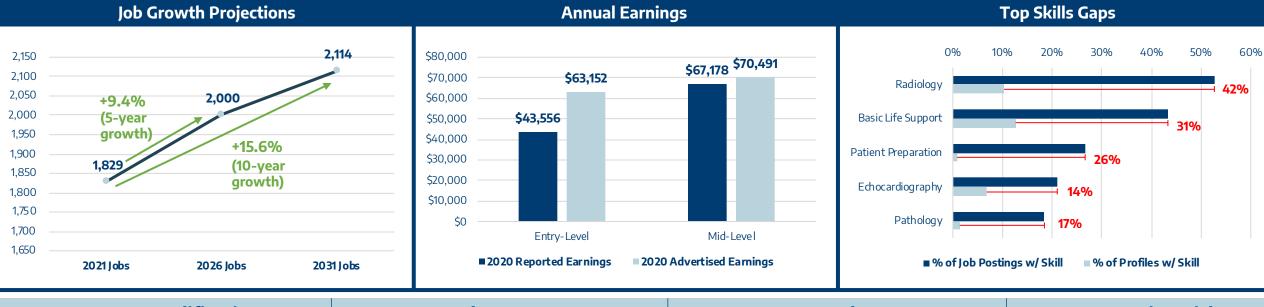


#### **Key Occupation:** Diagnostic Medical Sonographers



**Region:** Southeast Texas

#### **Unique Job Postings:** 672

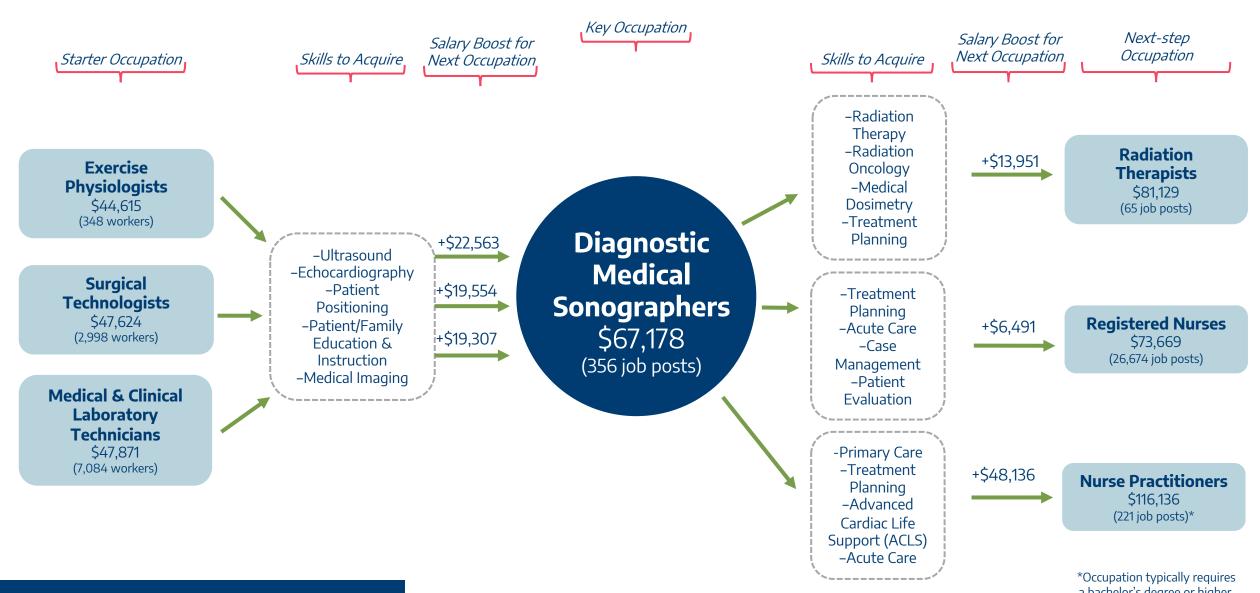




#### **Key Occupation:** Diagnostic Medical Sonographers

#### **Region:** Southeast Texas





**Source:** Lightcast, formerly Emsi Burning Glass, 2022

a bachelor's degree or higher.



**Region:** Southeast Texas

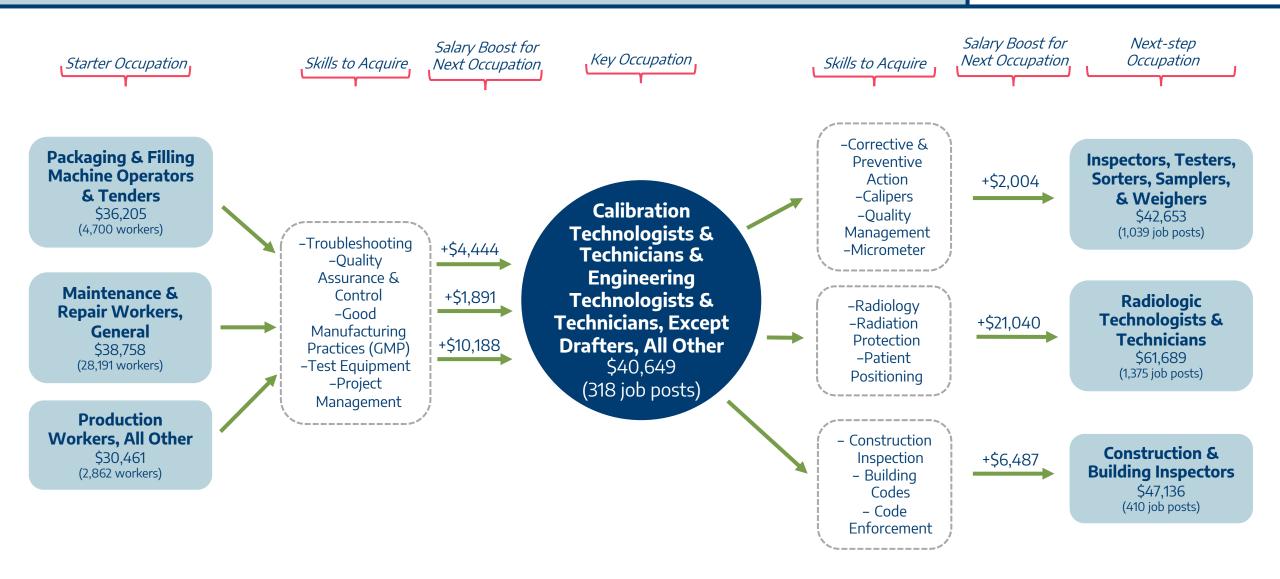
**Unique Job Postings: 379** 





## Texas Association of Community Colleges

#### **Region:** Southeast Texas

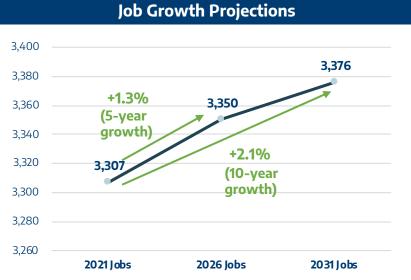


#### **Key Occupation:** Computer Network Support Specialists

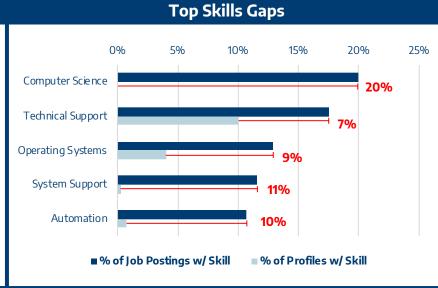


**Region:** Southeast Texas

**Unique Job Postings: 139** 







#### Cisco Certified Network Associate Cisco Certified Network Professional Microsoft Certified Professional **ITIL Certifications** Microsoft Certified Systems Engineer

**Common Qualifications** 

 Professional, Scientific, and Technical Services Manufacturing

**Top Industry Sectors** 

- Finance and Insurance
- Information
- Utilities

#### Anthem Blue Cross

**Top Employers** 

- Microsoft
- Targa Resources
- FirstEnergy
- JPMorgan Chase

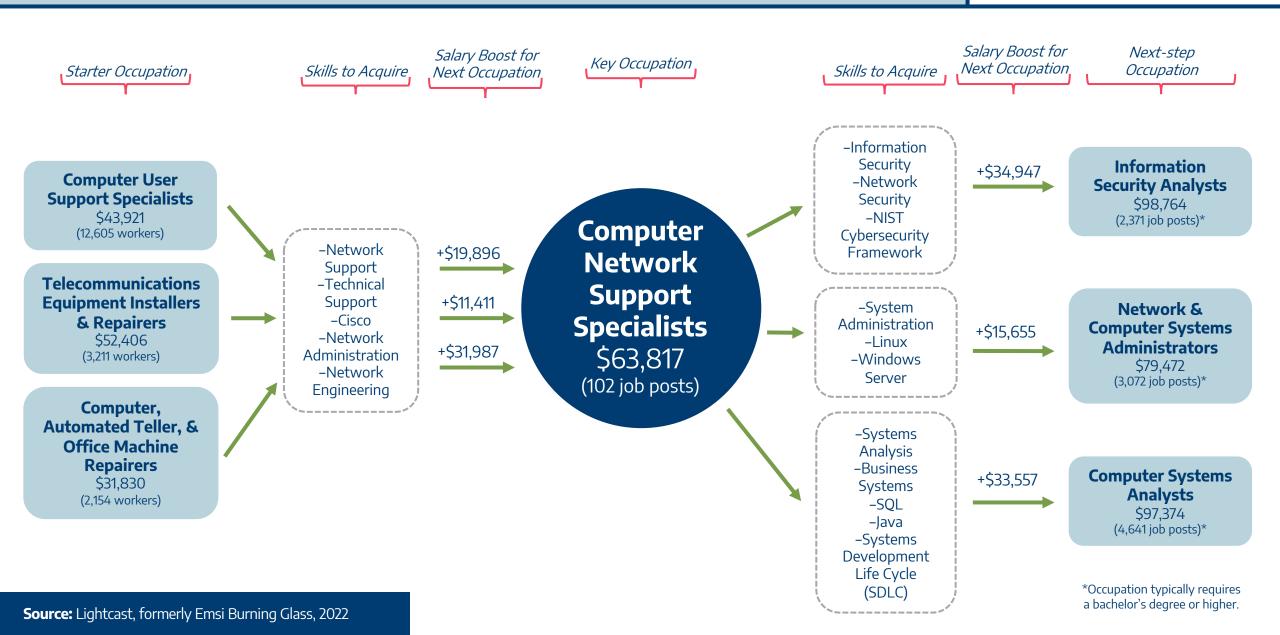


**Automation Risk** 

#### **Key Occupation:** Computer Network Support Specialists

#### **Region:** Southeast Texas





# South Texas

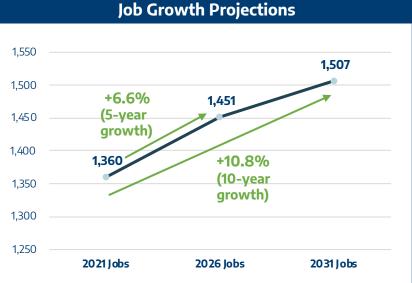


#### **Key Occupation:** Web Developers and Digital Interface Designers

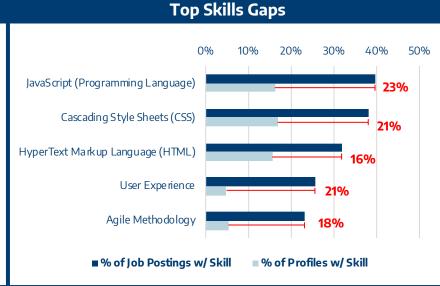


**Region:** South Texas

#### **Unique Job Postings: 2,506**





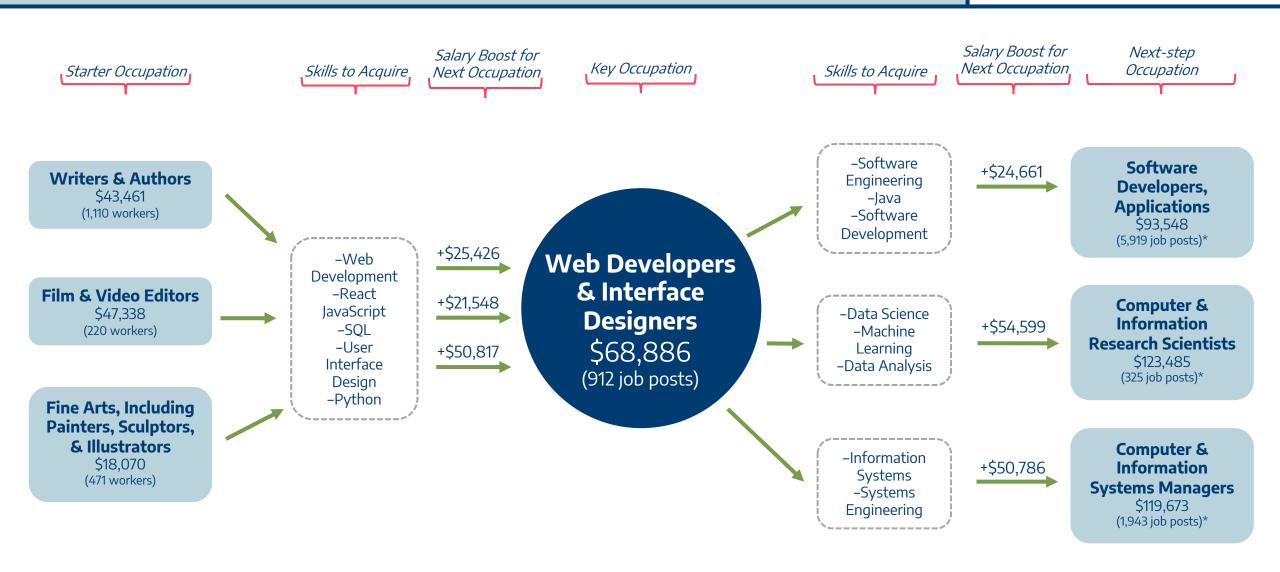




#### **Key Occupation:** Web Developers & Interface Designers

#### **Region:** South Texas





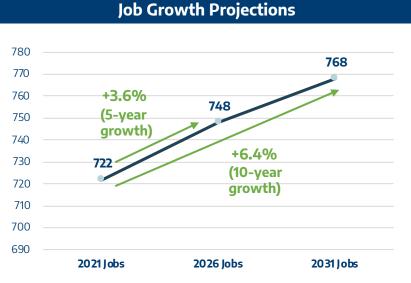
<sup>\*</sup>Occupation typically requires a bachelor's degree or higher.

#### **Key Occupation:** Fire Inspectors and Investigators

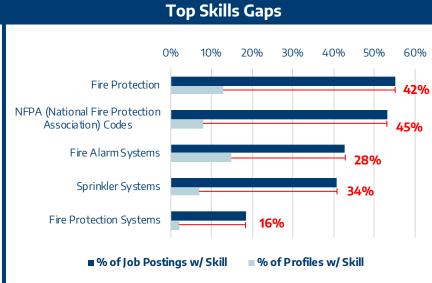


**Region:** South Texas

#### **Unique Job Postings: 50**









91.9

Average

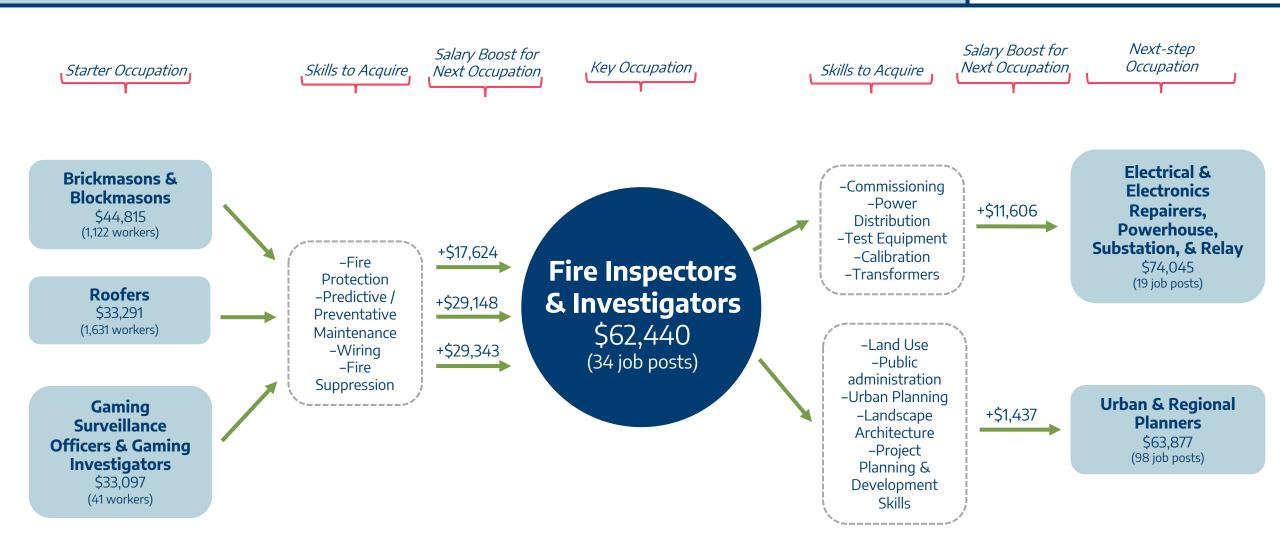
100

200

#### **Key Occupation:** Fire Inspectors & Investigators

#### **Region:** South Texas



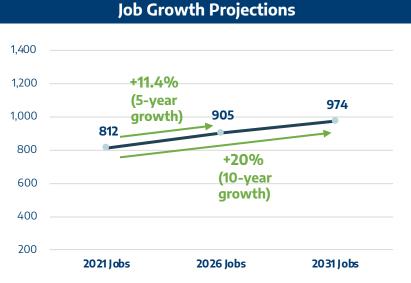


#### **Key Occupation:** Occupational Therapy Assistants

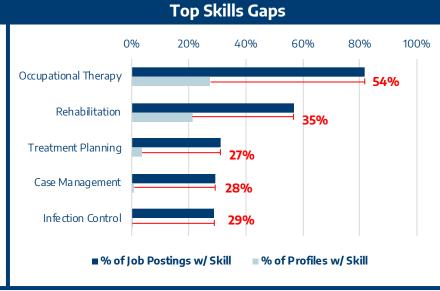


**Region:** South Texas

#### **Unique Job Postings:** 602







## Certified Occupational Therapy AssistantLicensed Professional Counselor (LPC)

**Common Qualifications** 

- Licensed Clinical Social Worker (LCSW)
- Licensed Marriage and Family Therapist (LMFT)
- Licensed Professional Clinical Counselor

Health Care and Social Assistance

**Top Industry Sectors** 

- Finance and Insurance
- Other Services (except Public
- Other Services (except Public Administration)
- Administrative and Support
- Educational Services

**Top Employers** 

- Reliant Rehabilitation
- Post Acute Medical
- Vibra Healthcare
- United Health Services
- Eating Recovery Center

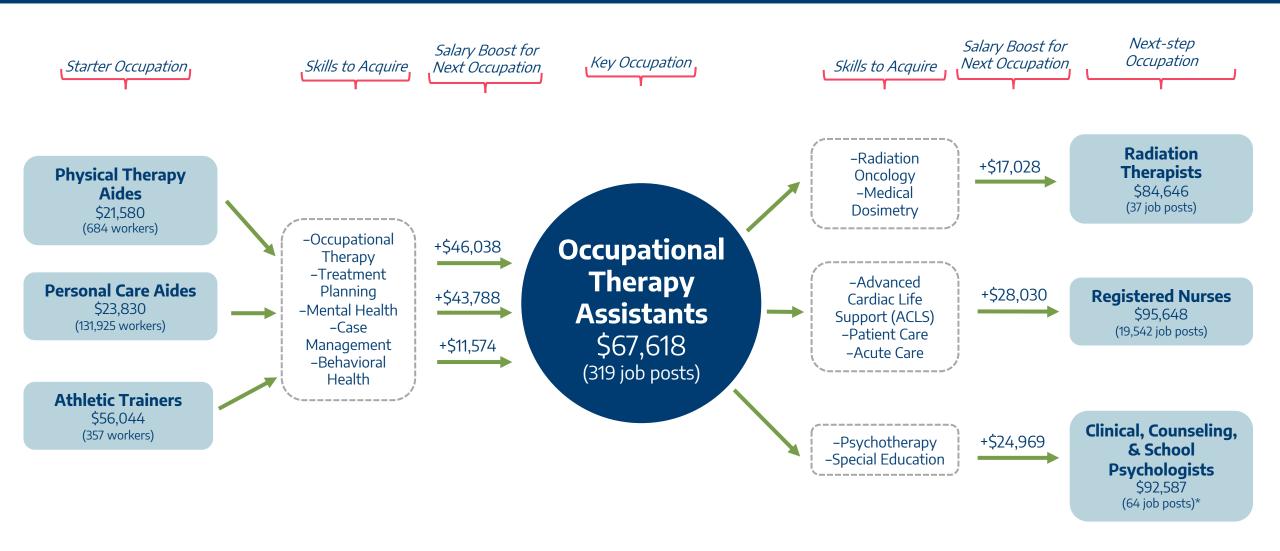


**Automation Risk** 

#### **Key Occupation:** Occupational Therapy Assistants

#### **Region:** South Texas





#### **Key Occupation:** Licensed Practical and Licensed Vocational Nurses



**Region:** South Texas

#### **Unique Job Postings:** 5,138

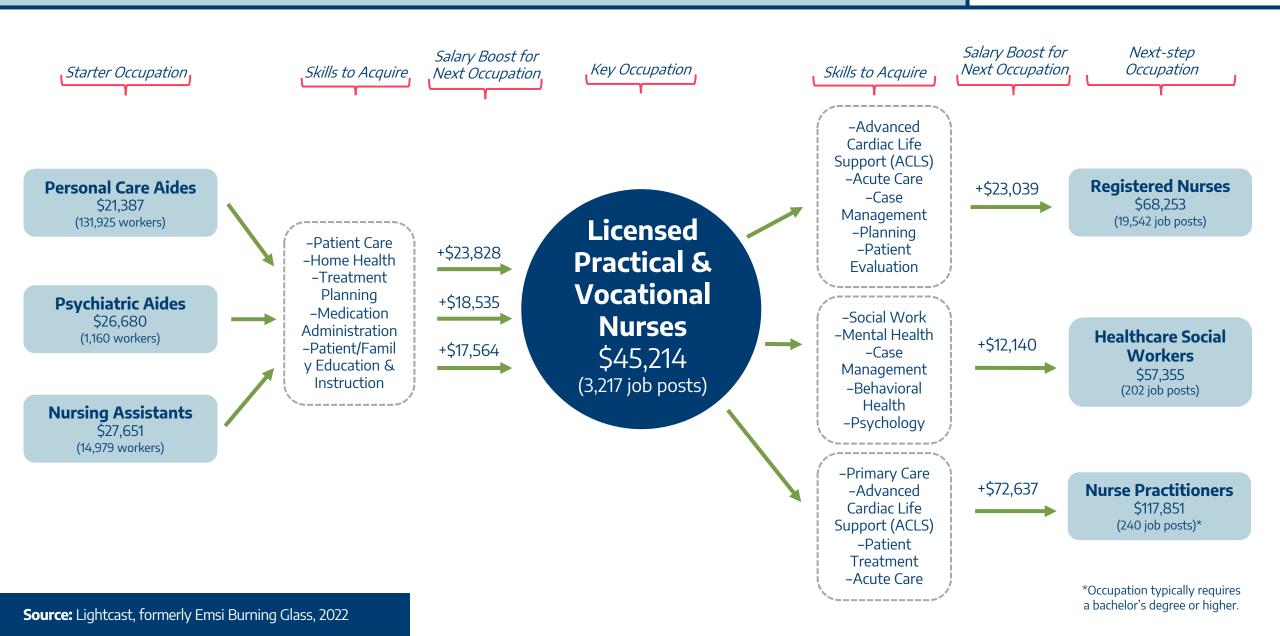




#### **Key Occupation:** Licensed Practical & Vocational Nurses

### Texas Association of Community Colleges

#### **Region:** South Texas

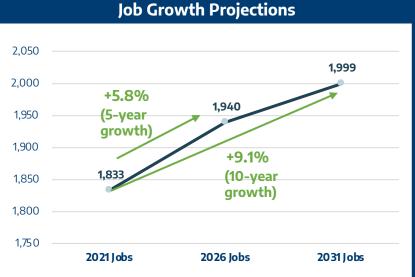


#### **Key Occupation:** Computer Network Support Specialists

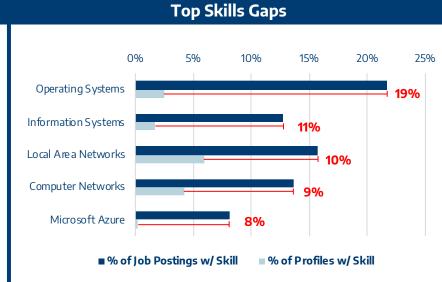


**Region:** South Texas

#### **Unique Job Postings: 134**







#### **Common Qualifications** Cisco Certified Network Associate **IAT Level II Certification** CompTIA Security+ Certified Information Systems Security Professional CompTIA Network+



**Top Industry Sectors** 

- Information
- Finance & Insurance
- Manufacturing
- Wholesale Trade

#### Microsoft UnitedHealth Group Oasis Systems

**Top Employers** 





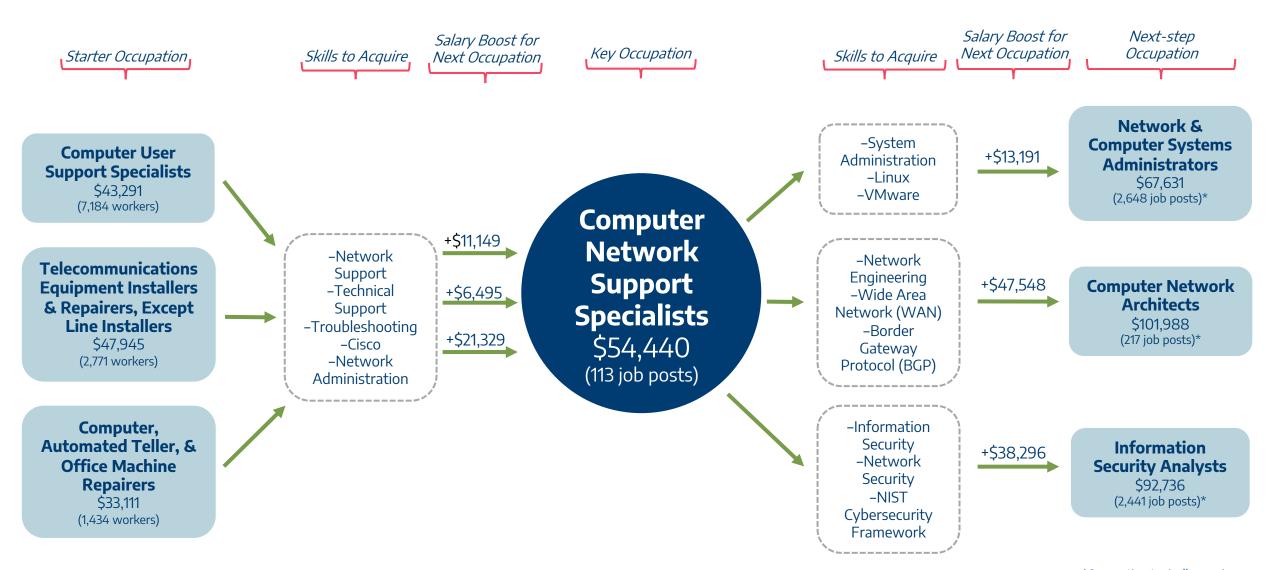


**Automation Risk** 

#### **Key Occupation:** Computer Network Support Specialists

#### **Region:** South Texas





\*Occupation typically requires a bachelor's degree or higher.

# West Texas

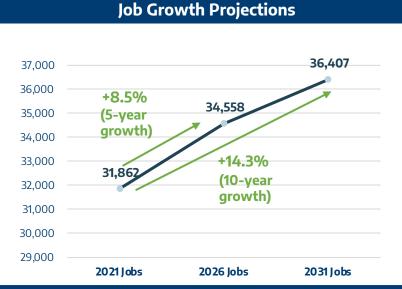


#### **Key Occupation:** Heavy and Tractor-Trailer Truck Drivers

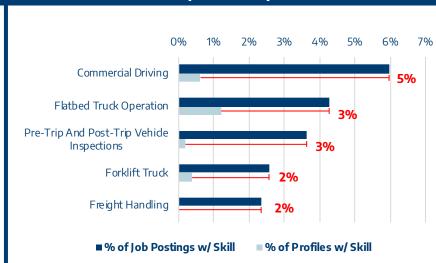


**Region:** West Texas

#### **Unique Job Postings:** 38,084







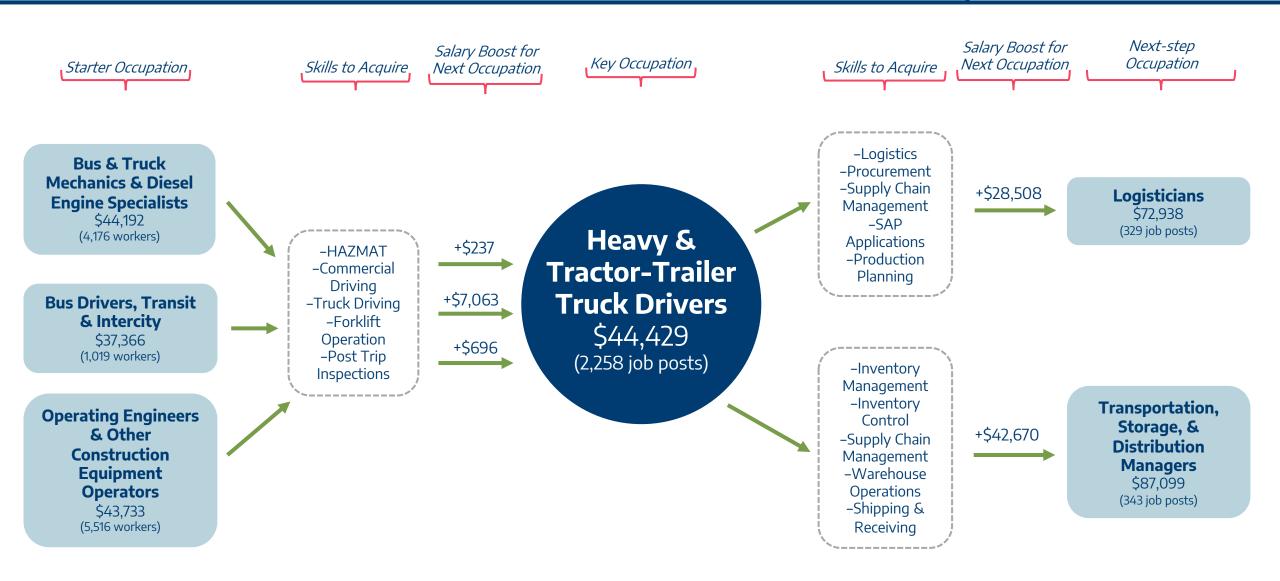
**Top Skills Gaps** 

**Automation Risk Common Qualifications Top Industry Sectors Top Employers** Transportation & Warehousing Commercial Driver's License (CDL) Chalk Mountain Services Retail Trade Tanker Endorsement 110.1 **Active USA** Wholesale Trade Hazmat Endorsement **US Xpress** Mining, Quarrying, & Oil & Gas **Doubles Endorsement** Average Schneider National Extraction **Triples Endorsement** 100 200 Ryder Manufacturing

#### **Key Occupation:** Heavy & Tractor-Trailer Truck Drivers

## Texas Association of Community Colleges

#### **Region:** West Texas

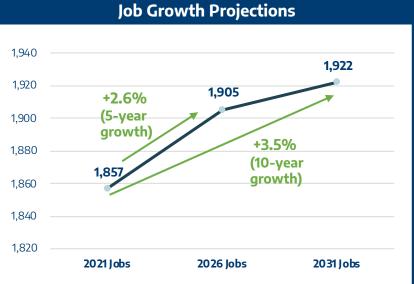


#### **Key Occupation:** Radiologic Technologists and Technicians

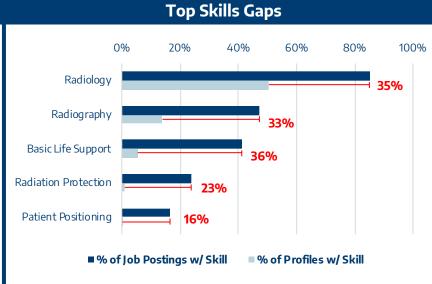


**Region:** West Texas

#### **Unique Job Postings: 1,288**







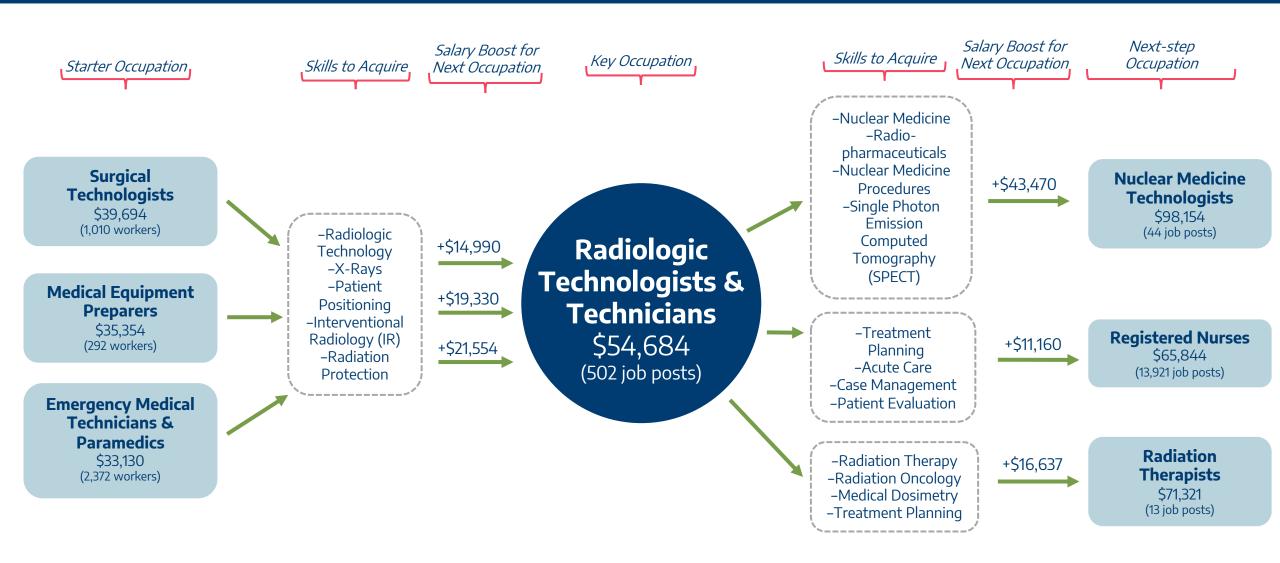
Common Qualifications	Top Industry Sectors	Top Employers	Automation Risk
<ul> <li>American Registry Of Radiologic         Technologists (ARRT) Certified</li> <li>Certified Radiologic Technologist/Technician</li> <li>Registered Technologist</li> <li>Certified Medical Technologist</li> <li>Industry Radiography Radiation Safety         Personnel</li> </ul>	Health Care and Social Assistance	<ul> <li>Covenant Health</li> <li>Tenet Healthcare</li> <li>The Hospitals of Providence</li> <li>Steward Health Care System</li> <li>HCA Healthcare</li> </ul>	94.1  Average 0 100 200

#### **Key Occupation:** Radiologic Technologists & Technicians

#### **Region:** West Texas





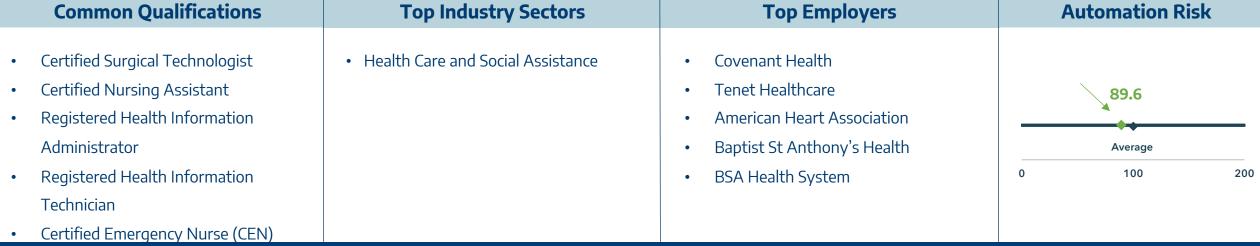




**Region:** West Texas

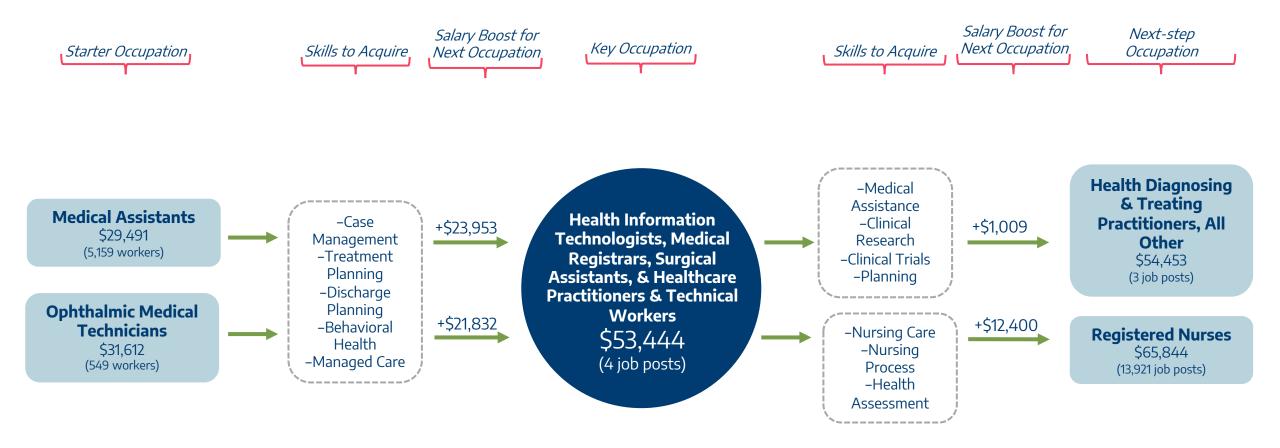
#### **Unique Job Postings:** 4







#### **Region:** West Texas

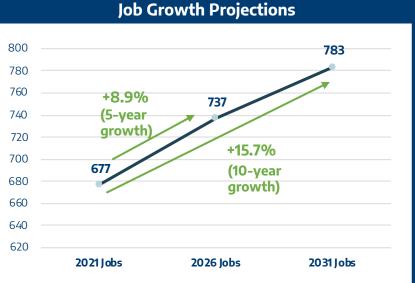


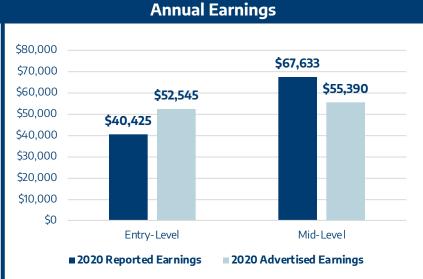
#### Key Occupation: Electrical and Electronic Engineering Technologists and Technicians

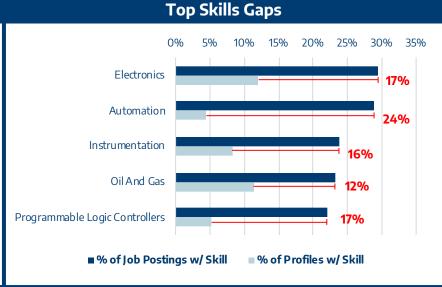


**Region:** West Texas

#### **Unique Job Postings:** 525





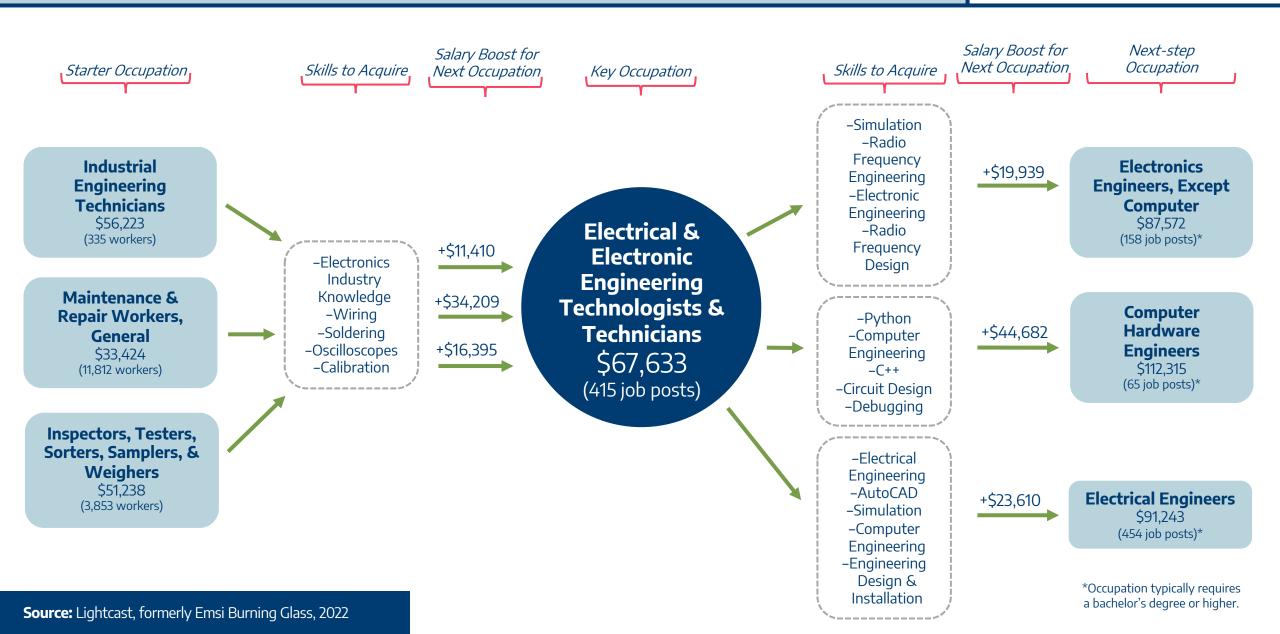


#### **Common Qualifications Top Industry Sectors Automation Risk Top Employers** • Mining, Quarrying, and Oil and Gas CompTIA Network+ **Enterprise Products** Extraction Pioneer Natural Resources CompTIA Security+ 98.6 Manufacturing Secret Clearance Roque Industrial Group (Rig) Professional, Scientific, and Technical Winn-Marion Companies CompTIA A+ Average Services Cisco Certified Network Associate Mobile Technologies 100 200 Construction Administrative and Support

#### **Key Occupation:** Electrical & Electronic Engineering Technologists & Technicians

## Texas Association of Community Colleges

#### **Region:** West Texas

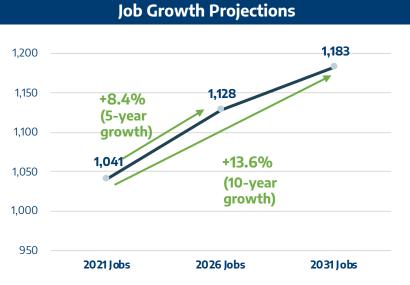


#### **Key Occupation:** Respiratory Therapists

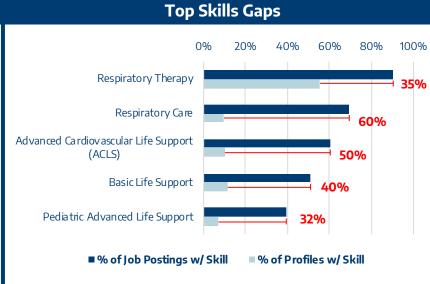


**Region:** West Texas

#### **Unique Job Postings: 1,288**







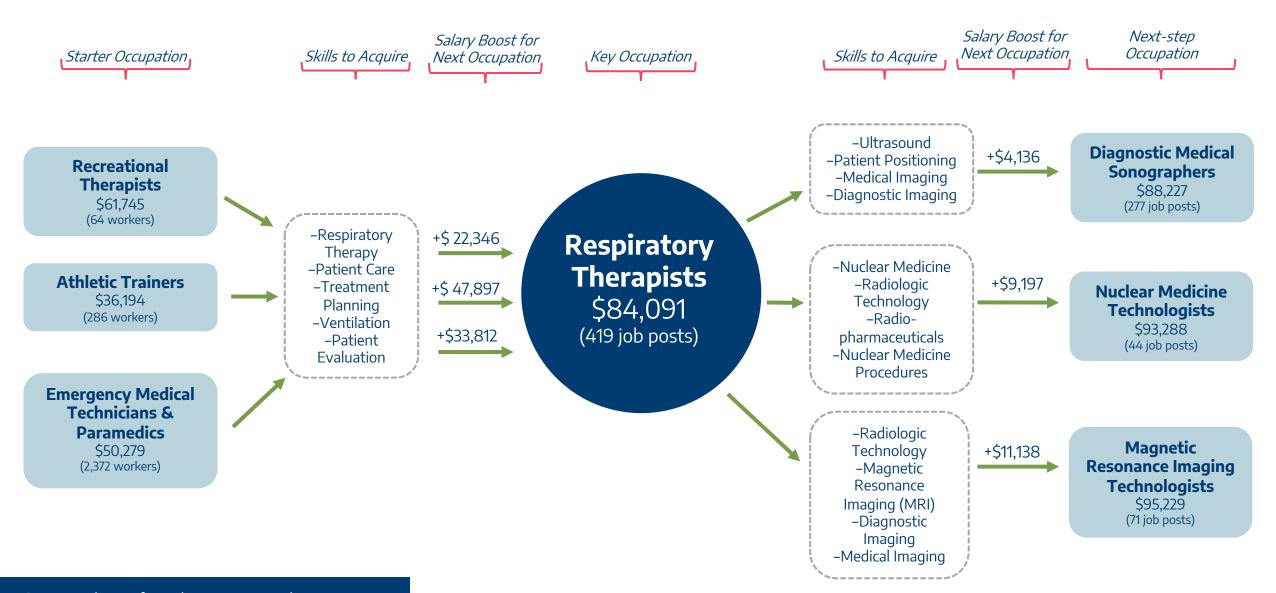
Common Qualifications	Top Industry Sectors	Top Employers	Automation Risk
<ul> <li>Registered Respiratory Therapist</li> <li>Respiratory Care Practitioner</li> <li>Neonatal Resuscitation Program</li> <li>Neonatal/Pediatric Specialty (Credential for Respiratory Therapists)</li> <li>Certified Pulmonary Function Technologist</li> </ul>	Health Care and Social Assistance	<ul> <li>Tenet Healthcare</li> <li>Covenant Health</li> <li>Baylor Scott &amp; White Health</li> <li>Steward Health Care System</li> <li>State of Texas</li> </ul>	93.2 Average 0 100 200

#### **Key Occupation:** Respiratory Therapists

#### **Region:** West Texas







# For more information, please visit our website: tacc.org

