

2022

STATE OF THE INFORMATION TECHNOLOGY ANNUAL REPORT

The Workforce Solutions (WFS) State of the Information Technology Industry Report was developed by WFS to provide a comprehensive overview of the computer and information technology industry in the region as it relates to growth, supply and demand, initiatives, and partnerships. The information is intended to inform and be utilized by industry stakeholders to guide efforts to enhance the talent pipeline for the emerging industry.



Table of Contents

Rio Grande Valley Information Technology Overview.....	Page 3
Information Technolgy (IT) Industry Sector Partnership	Page 4
Skill Up Lower Rio Metrix Online Learning	Page 5
IT Job Fair	Page 6
Workforce Solutions Initiatives	Page 7



Rio Grande Valley Information Technology Overview

Lightcast (previously EMSI) has expanded the Information Technology (IT) occupations from 15 to 18 by assigning separate standard occupational codes to three of the occupations, splitting them into their own categories. (See Added to IT Occupations below)

The compensation for IT occupations in the Rio Grande Valley is \$53,346 compared to the national median salary of \$87,938. The national average for an area this size is 17,756 employees, while there are 5,810 here (an increase of 1,202 jobs or 26% since 2020). The Rio Grande Valley shows a projection of 29.1% increase in information technology jobs over the next 10 years compared to 24.6% of the national average.

Information technology occupations continue to expand across all industries. For this years' analysis the number of IT Occupation analyzed increased from 15 IT related to occupations to 18 IT related occupations. Three of the previous occupations were split into their own. See new IT Occupations below.

Texas continues to focus on building a highly skilled and well-paid workforce. With (IT) occupations in demand, and projections indicating that the demand will continue, making funds available to cover a portion of IT training costs will support and promote continued Texas business growth. Additionally, strengthening the Texas workforce by building expertise and increasing the number of IT workers will encourage more companies to move to Texas and in-state companies to grow their current operations.

Added to IT Occupations

- | | |
|--|----------------|
| • Database Administrators | 15-1242 |
| • Database Architects | 15-1243 |
| • Software Developers | 15-1252 |
| • Software Quality Assurance Analysts and Testers | 15-1253 |
| • Web Developers | 15-1254 |
| • Web & Digital Interface Designers | 15-1255 |

Information Technology (IT) Industry Sector Partnership

The Information Technology Industry Sector Partnership (ISP) (previously known as the IT Taskforce) first convened in late 2020. Workforce Solutions reached out to local industry leaders in the field of information technology to meet biannually to discuss strategic initiatives to improve the local IT cross field industry. The goals of the meetings are to improve the talent pipeline, produce skilled IT talent and attract a larger pool of IT employers to the RGV.

The IT Sector Partnership met in May 2022. The objective of this meeting was to provide pathways and resources to pursue some of the IT training programs mentioned in the previous meeting. South Texas College gave a presentation on their IT Apprenticeship program and how an employer can become an IT Apprenticeship employer. The open discussion led to the idea of hosting an IT industry specific job fair in the summer. More details available on page 6.

Workforce Solutions recently created a landing page on their website to highlight local information technology events, publications, training opportunities, job postings, success stories and other related information.



Workforce Solutions - IT Sector Partnership

<https://www.wfsolutions.org/how-we-help/employer-services/it-sector-partnership.html>



Skill Up Lower Rio Metrix Online Learning

INFORMATION TECHNOLOGY

Workforce Solutions is excited to offer a free electronic training (eTraining) experience through Metrix Learning to the residents of Hidalgo, Starr, and Willacy counties. There are over 100 Information Technology (IT) certifications available. Metrix Learning offer industry certifications in popular IT tracks such as:

- CompTIA
- Cisco
- Microsoft
- Oracle
- Amazon
- (ISC)2



Outreach

In August 2022 the Business relations team presented a walk-through of the Metrix Learning platform to nearly 200 CTE middle school and high school educators from La Joya ISD and Valley View High School for their professional development.

Workforce Solutions also partnered with trainers from the Metrix Learning platform to present to Economic Development Corporation (EDC) and Chamber of Commerce leadership in Hidalgo and Starr Counties. The team also presented the Metrix Learning platform to a Society of Human Resource Management (SHRM) meeting and the SHRM annual conference.

Workforce Solutions created industry specific flyers that have been distributed at local hiring events, job fair, and event tables.

Skillup Lower Rio Grande

wfsrgv.skillupamerica.org

IT Job Fair

Workforce Solutions, The Mission EDC, and CyberMission teamed up to host the first annual IT job fair on August 11, 2022, held at the Center for Education and Economic Development (CEED). Over a dozen employers and approximately 70 job candidates flooded the halls and classrooms of the CEED as they shook hands, shared resumes, and networked with peers from the tech community.



"The transformation the RGV tech community has undergone over the past five years has been exciting to witness," said Daniel Rivera, former Director of Marketing and Programs at the Mission EDC. "Events like yesterday's job fair serve as an important steppingstone in our collective efforts to grow and promote a strong and highly skilled RGV tech workforce."

[Event Recap – Mission EDC](#)



[Video of the event](#)

<https://www.facebook.com/RGVOP/videos/757340425490303/>

Workforce Solution Initiatives

Skill Up Lower Rio Metrix Online Learning

Lorem ipsum dolor sit amet, consectetur adipiscing elit. Proin at nibh sit amet tortor posuere consectetur. Nullam ornare vitae libero in mollis. Praesent tincidunt, turpis pellentesque feugiat semper, ipsum mauris mattis odio, sed sagittis nisl elit quis augue.

UTRGV IT Tech Days – 10/3/2022

IT Tech Days is a way for students to learn about technology services available to students at UTRGV, meet with university technology support staff and organizations to discuss technology careers and job opportunities to jump-start their connections, and an opportunity to meet and interact with the university technical staff. Workforce Solutions shared resources about available services and IT trainings and certifications through Metrix Online learning to over 500 students.

Rio Grande Valley Technology Association

The mission of the RGVTA is to connect all Information Technology sectors within our region through collaboration, networking, influencing education, and strengthening our community by promoting our local resources. They recently started to have in person meetings again.

Information Technology (IT) Assessment

In March 2021, Workforce Solutions partnered with Thomas P. Miller & Associates (TPMA) to jumpstart this effort by conducting an Information Technology Workforce Assessment within the region (counties of Starr, Hidalgo, Willacy, and Cameron), to fully understand the IT industry and the skilled workforce required to support and sustain it.

The comprehensive assessment highlights labor market information and an IT sector analysis; education and training mapping, stakeholder engagement through the use of employer and education and training provider surveys, an asset inventory, and funding scan. Specifically, the assessment examines the Rio Grande Valley's demographic makeup, labor force and employment characteristics, and IT industry and occupational strengths.

[View WFS IT Assessment Here](https://www.wfsolutions.org/images/workforce/GeneralWebsite/Content/HowWeHelp/WorkforceIntelligence/Publications/Final%20IT%20Workforce%20Assessment%20002.pdf)

<https://www.wfsolutions.org/images/workforce/GeneralWebsite/Content/HowWeHelp/WorkforceIntelligence/Publications/Final%20IT%20Workforce%20Assessment%20002.pdf>

