



**NITIC**

National Information Technology  
Innovation Center

## Labor Market Bytes

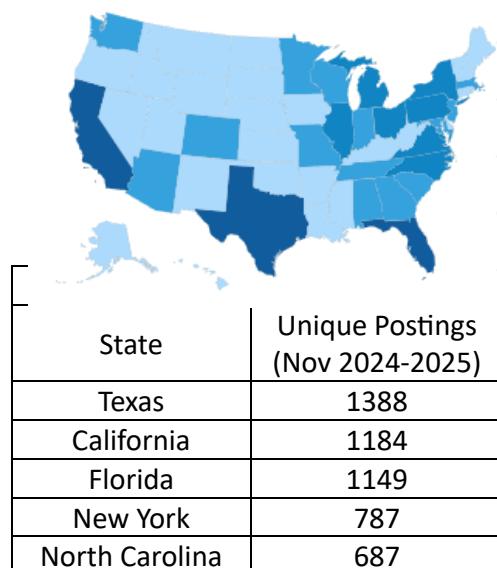
*A data-driven briefing designed to inform IT faculty and workforce stakeholders of the latest employment trends, in-demand skills, and projections shaping the tech landscape.*

January 2026

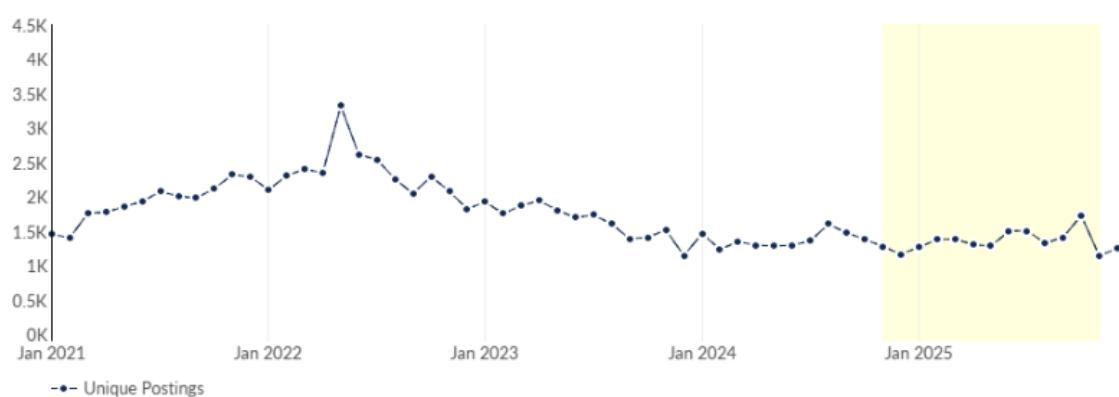
## Infrastructure and Cloud Labor Market Report (November 2025)

The data in this report is inspired from topics in the BILT Infrastructure and Cloud meeting on November 4, 2025. It is intended to provide a national overview of the occupation landscape in the infrastructure and cloud sector. All labor market data in this report is drawn from Lightcast.

The opportunity for entry-level<sup>1</sup> careers in infrastructure and cloud is high with over seventeen thousand job postings within the five SOC codes identified for the sector (see appendix). With five thousand employers competing for candidates and a shorter than national average posting duration, prospects are quickly filled by applicants with 0-3 years of experience and a minimum associate's degree. The metropolitan areas with the highest growth in this sector are the Washington-Arlington, VA metro area; the NYC tri-state area; and Dallas-Fort Worth with an average of 486 unique postings within the last year and a 23-day median posting duration.

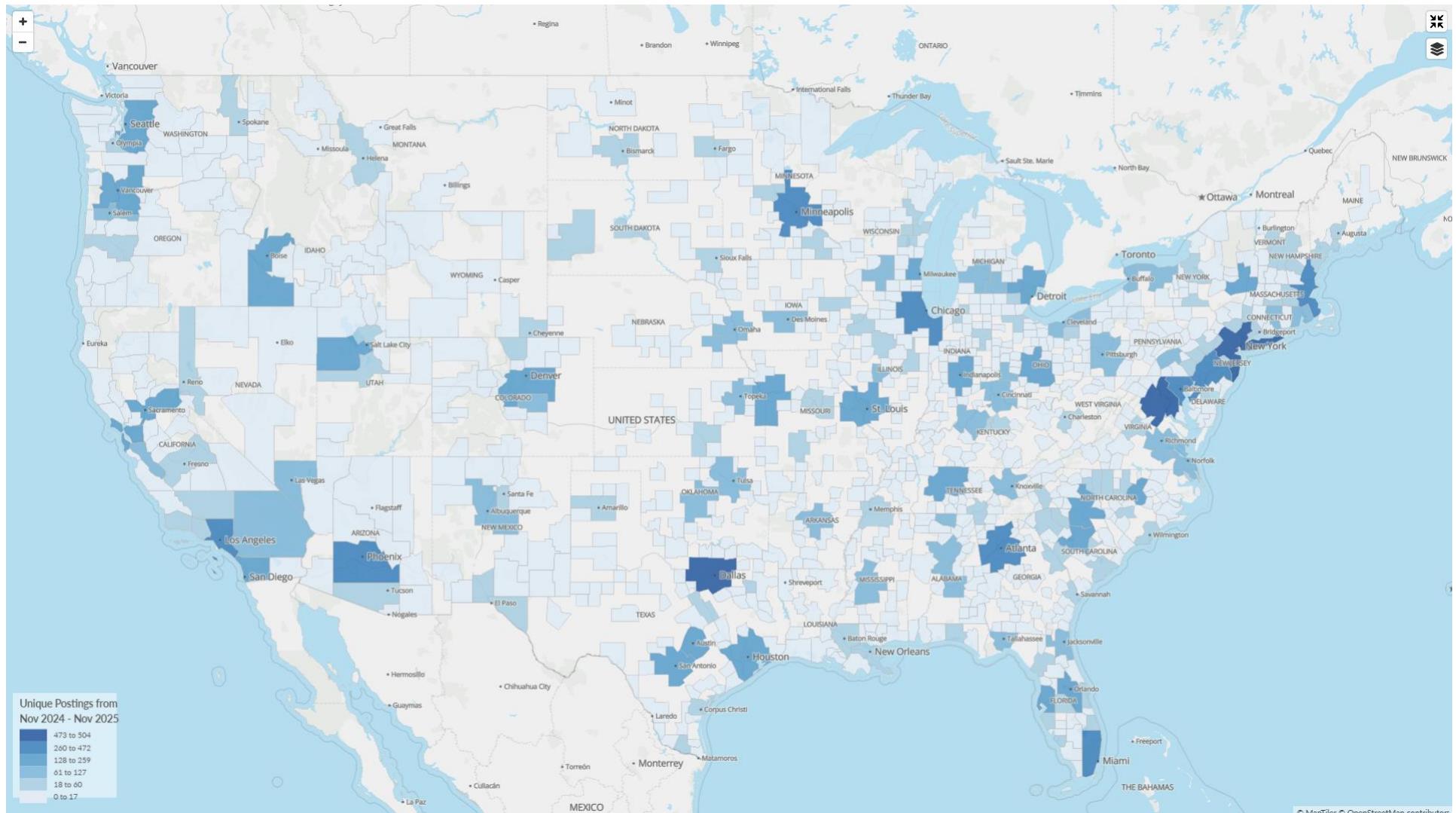


Posting trends from the last five years demonstrate stability after the influx of jobs during the COVID-19 pandemic and subsequent months with an average of 1370 postings per month in 2025. Additionally, the national posting intensity, which indicates how many posting iterations per unique job post, for jobs in this sector is 2:1, which is less than the national posting intensity of all jobs at 3:1. Employers are not having to repost positions because qualified candidates are being employed and retained.



<sup>1</sup> Entry-level for all NITIC labor market data reports includes occupations and job postings for candidates with 0-3 years of experience and an associate's degree.

## National Infrastructure and Cloud Job Postings by Metropolitan Statistical Area (Nov 2024-Nov 2025)



## Top Industries for Entry-Level

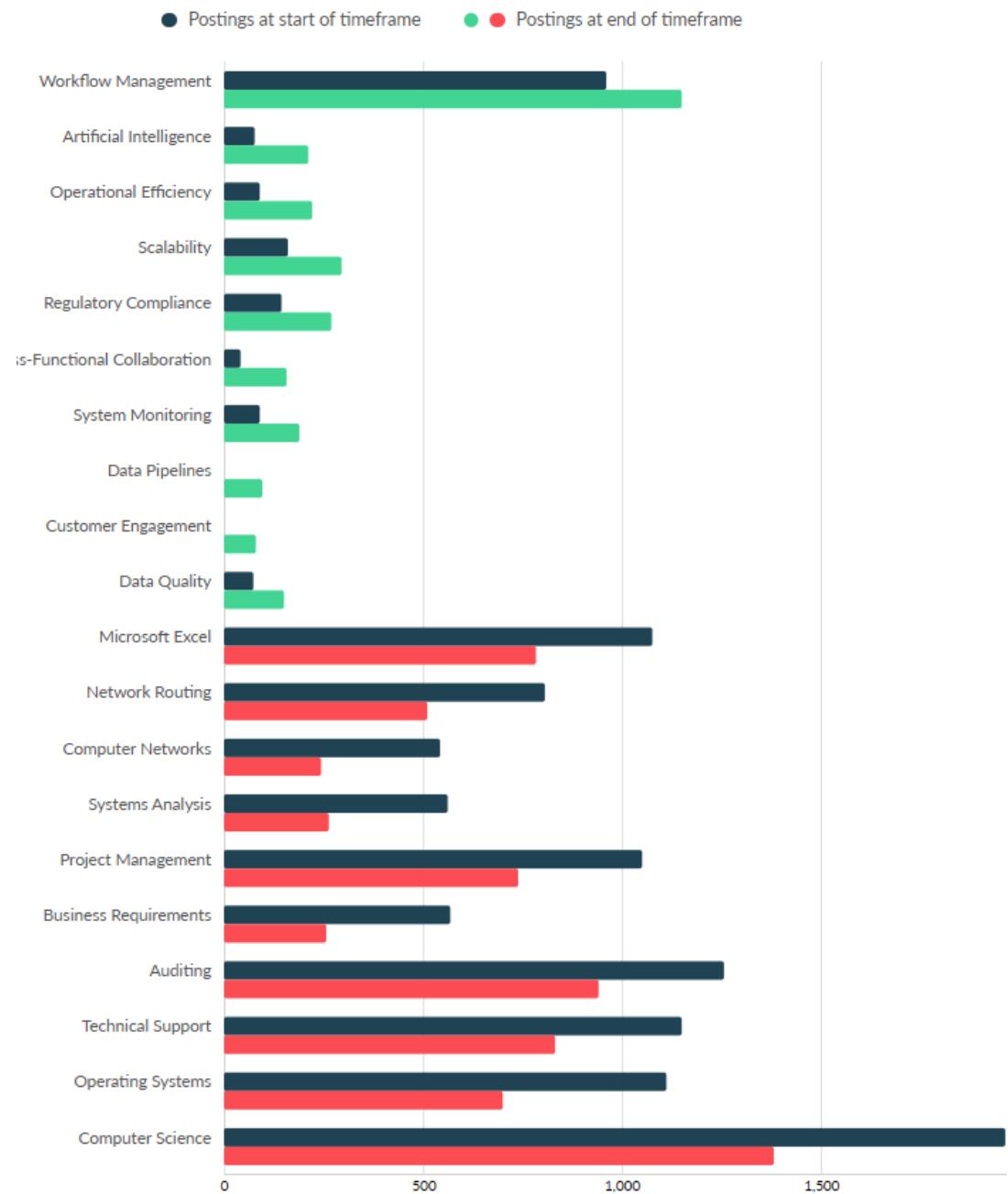
Industry	Total/Unique (Nov 2024 - Nov 2025)	Posting Intensity	Median Posting Duration
General Medical and Surgical Hospitals	3,575 / 1,527	2 : 1	21 days
Employment Services	2,180 / 1,314	2 : 1	19 days
Computer Systems Design and Related Services	2,581 / 1,142	2 : 1	22 days
Colleges, Universities, and Professional Schools	1,929 / 615	3 : 1	25 days
Executive, Legislative, and Other General Government Support	1,236 / 486	3 : 1	22 days
Offices of Physicians	1,386 / 481	3 : 1	22 days
Insurance Carriers	964 / 469	2 : 1	25 days
Agencies, Brokerages, and Other Insurance Related Activities	951 / 434	2 : 1	26 days
Management, Scientific, and Technical Consulting Services	911 / 418	2 : 1	26 days
Junior Colleges	798 / 356	2 : 1	26 days

## Top Posted Job Titles for Entry-Level

Job Title	Total/Unique (Nov 2024 - Nov 2025)	Posting Intensity	Median Posting Duration
Systems Administrators	1,460 / 709	2 : 1	20 days
IT Technicians	653 / 299	2 : 1	22 days
Systems Analysts	620 / 289	2 : 1	19 days
Network Administrators	515 / 276	2 : 1	22 days
Network Engineers	588 / 260	2 : 1	23 days
Network Technicians	475 / 251	2 : 1	22 days
Building Automation Specialists	619 / 238	3 : 1	32 days
Cybersecurity Analysts	322 / 157	2 : 1	11 days
Information Security Analysts	354 / 143	2 : 1	20 days
Systems Specialists	309 / 133	2 : 1	25 days

IT jobs within infrastructure and cloud are found in every industry. Top sectors that are employing entry-level candidates can be found in healthcare, higher education, legal and governmental work. Titles that new employees receive are frequently administrators, analysts, developers that can move into engineering job titles after 3-6 years of experience and a bachelor's degree. Due to the uniqueness of job titles and the difficulty of efficiently categorizing them, the chart above represents the top postings of a larger distribution characterized by 68% of titles having fewer than 10 unique postings.

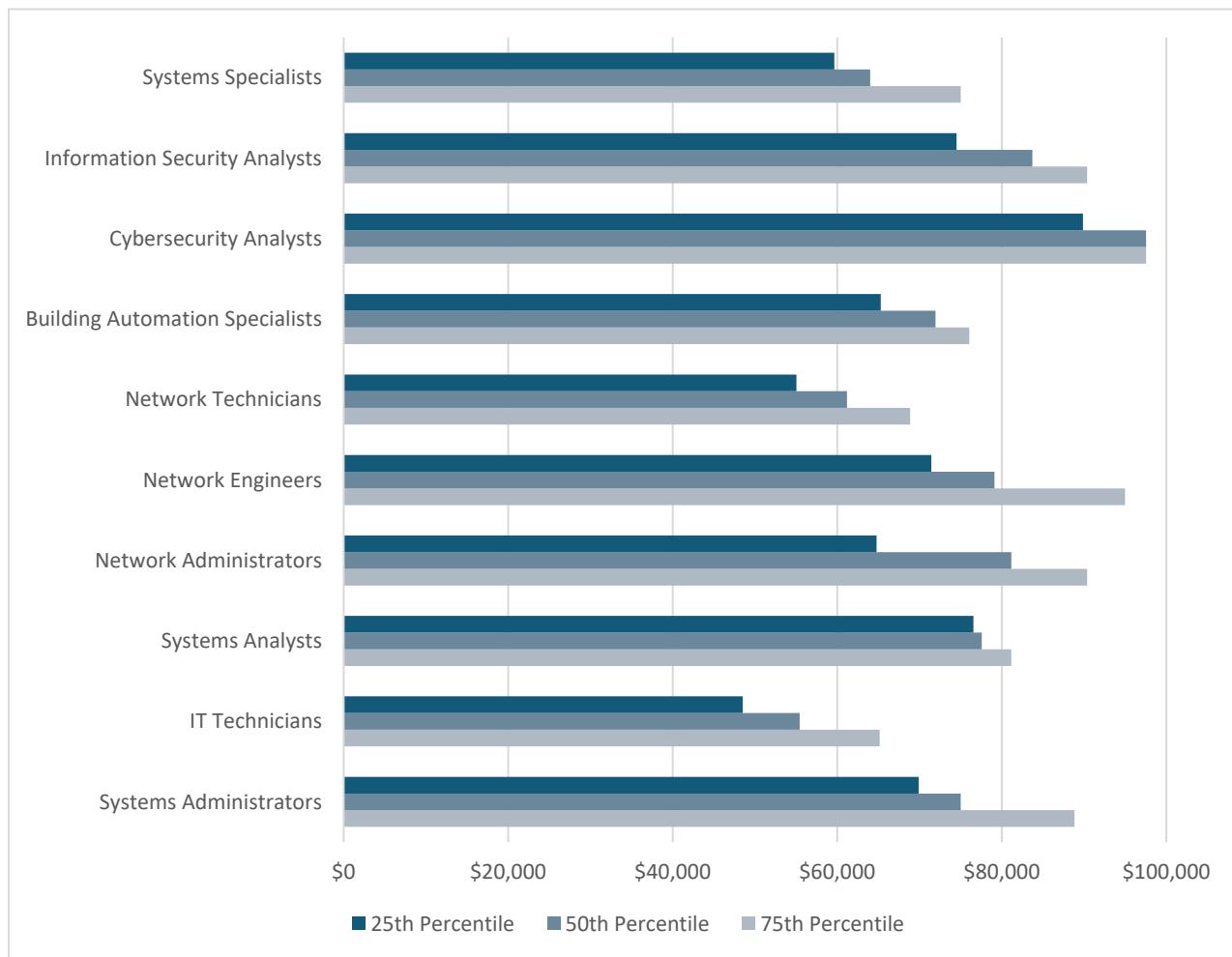
## Hot and Cold Skills (Nov. 2024 – Nov. 2025)



Specialized, software, and certificate skill changes from November 2024 to November 2025 primarily identified needs in workflow management, artificial intelligence, operational efficiency, scalability, and regulatory compliance with a 140 posting average increase from the previous year for each of those five skills. Employers continue seeking candidates with soft skills such as communication, troubleshooting, management, operations, and customer service demonstrated by an average of 2430 postings that include these top five skills in November 2025.

Earning over \$6,000 more than the BLS median annual salary in 2025<sup>2</sup>, this sector of IT proves to support entry-level employees with living wages of an average \$33.42 an hour. Over the past three years, the median salary for entry-level occupations in infrastructure and cloud have

increased by 19.7% while job posting frequency has stabilized in the same period. The top ten entry-level occupations with the highest unique postings show \$67,546 for the lowest 25<sup>th</sup> percentile, \$74,662 median, and \$82,829 in the 75<sup>th</sup> percentile.



<sup>2</sup> The Bureau of Labor Statistics (BLS) reports that median weekly earnings in Q3 2025 were \$1214 (estimated \$63,128 annually), <https://www.bls.gov/news.release/wkyeng.nr0.htm>

Appendix of SOC Codes Aligned with Infrastructure and Cloud Sector

<b>Code</b>	<b>Name</b>
15-1211	Computer Systems Analysts
15-1212	Information Security Analysts
15-1231	Computer Network Support Specialists
15-1241	Computer Network Architects
15-1244	Network and Computer Systems Administrators

Data Source: Lightcast, pulled January 2026