

# BU's BEST

## Biomedical Workforce Data 2021



# Table of Contents

<u>Title</u>	<u>Page</u>
Labor Insight™.....	3
Career Paths:Job Trends Summary.....	4
Communication.....	5

*These data can also be found online at [www.bu.edu/BEST](http://www.bu.edu/BEST).  
This work was supported by NIH Grant DP7OD02032, BU's BEST.*

# Labor Insight™

## *About*

---

Labor Insight™ is software offered by Burning Glass® Technologies. This tool allows educational institutions and others to analyze the job market so as to identify demand for specific jobs as well as the skills and credentials employers are seeking to fill the jobs. The data also enable analysis of regional demand and job trends. The information allows educational institutions to plan programming to meet employer needs. Moreover, trainees can use the data to identify training opportunities that will best prepare them to achieve their career goals.

As the search engine is constantly updated, the trend data (job postings/year) reported here does not necessarily match the exact values reported in previous years.

## *Workflow*

---

1. Develop a search based on various criteria: industry, job type, required credentials, skill demand, experience, location, etc.
2. View reports: top job titles, top job skills, top employers, job trends, job demand maps, etc.

## *Notes*

---

All searches were performed such that the reported jobs require or prefer that the applicant earned a PhD.

## *Caveats & Disclaimers*

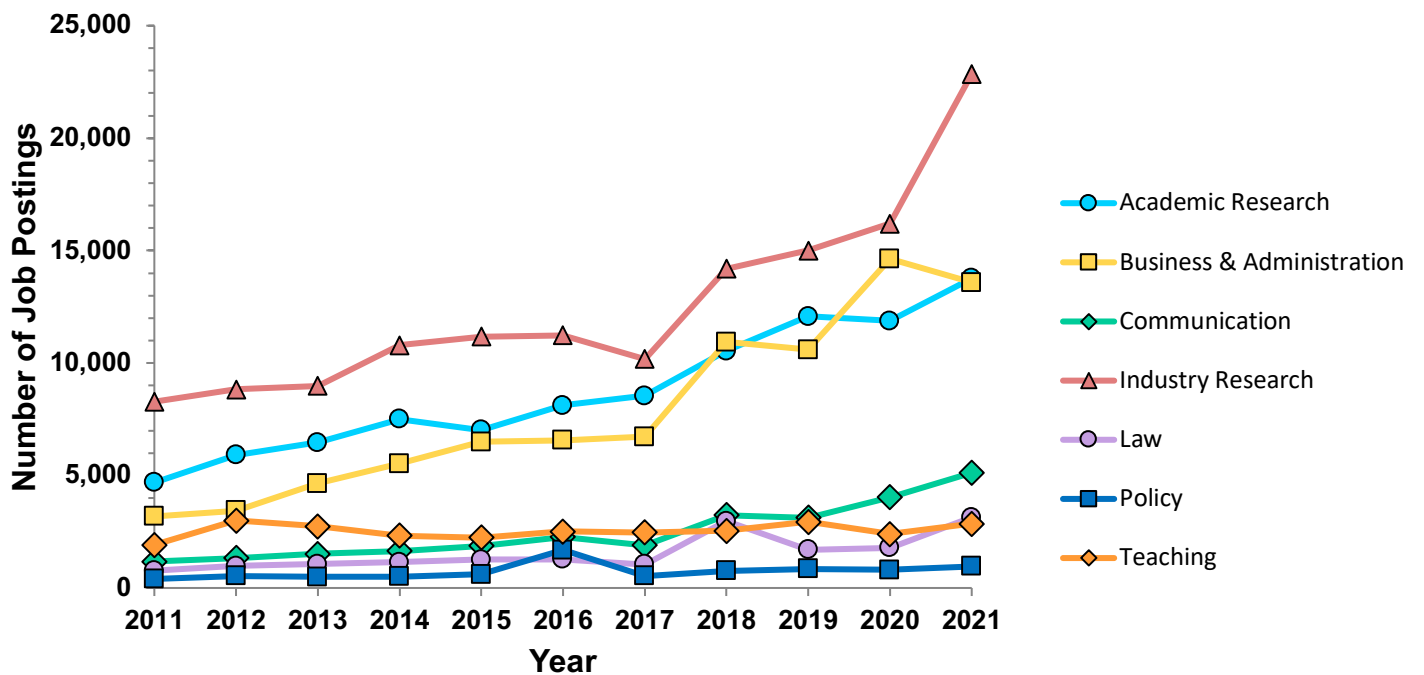
---

Date ranges are January 1, 2021 – December 31, 2021 for job searches (trend analysis, 2011-2021).

As the data are generated through job advertisements, small and mid-sized companies hiring small numbers of employees might not be listed in “top employers” but should not be ruled out.

# Career Paths: Job Trends Summary

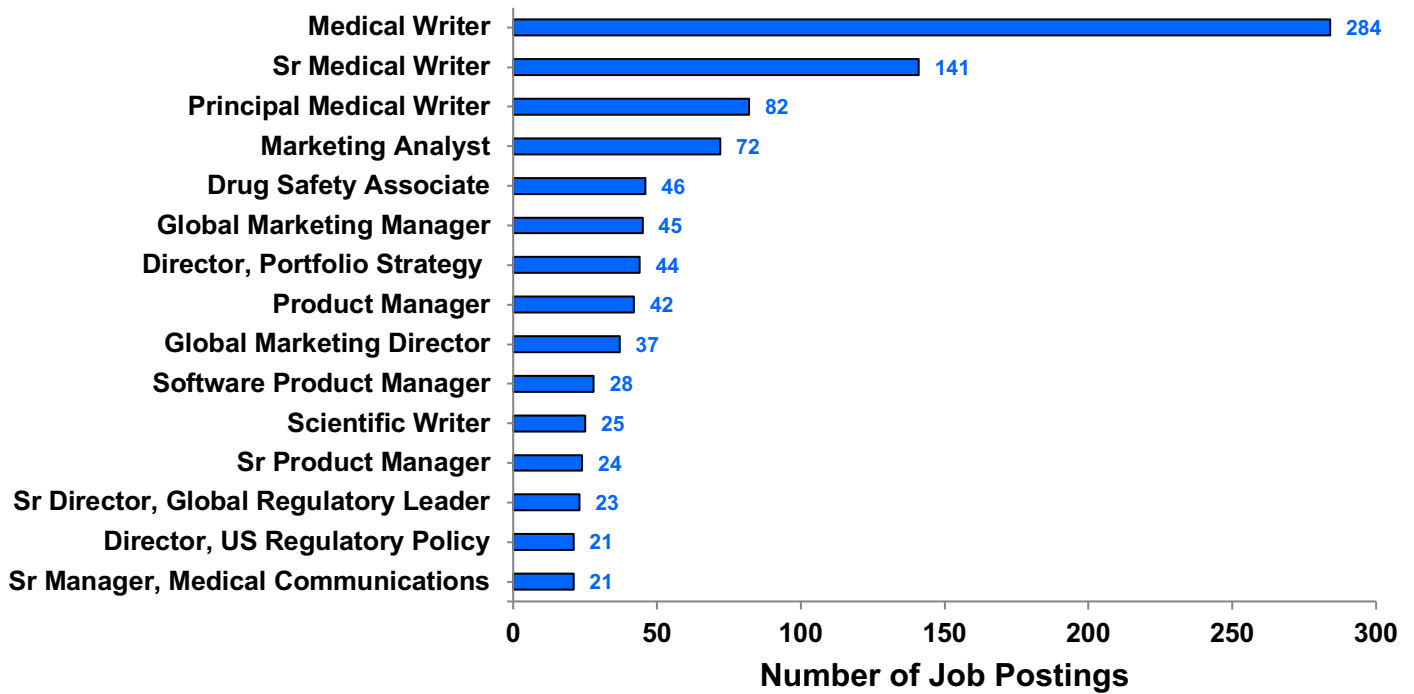
## Job Postings by Year (2011-2021)



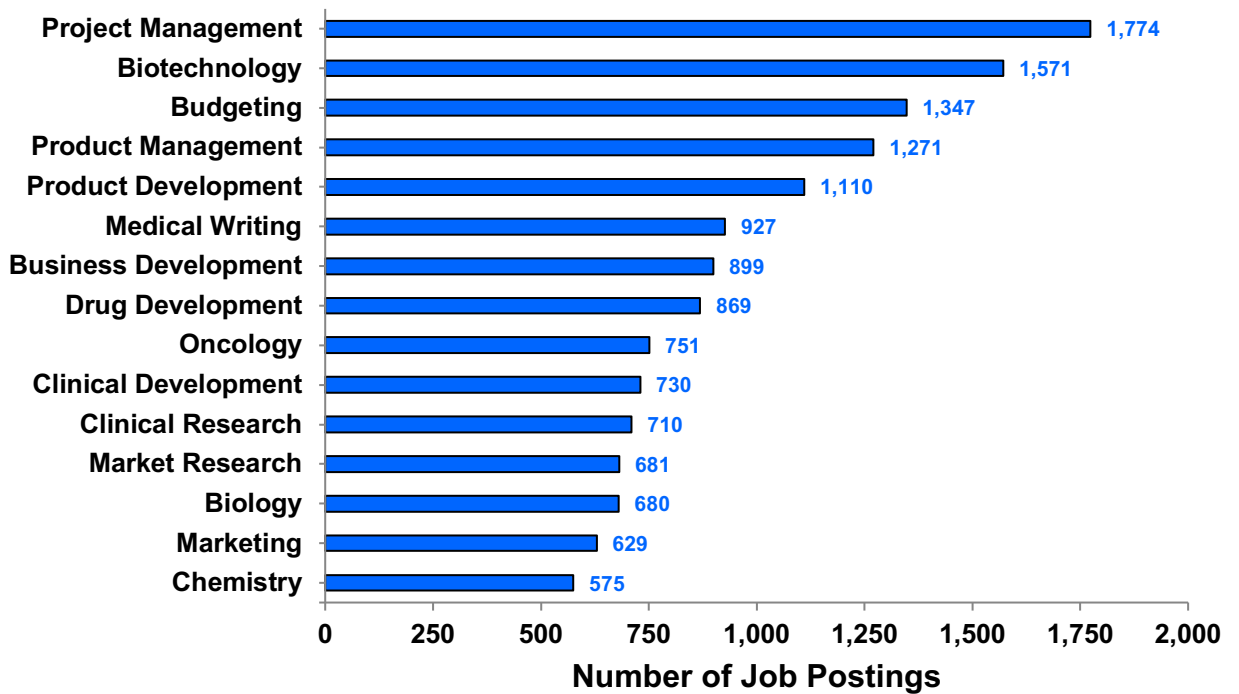
# **Communication**

Number of job postings (nationwide):  
5,120

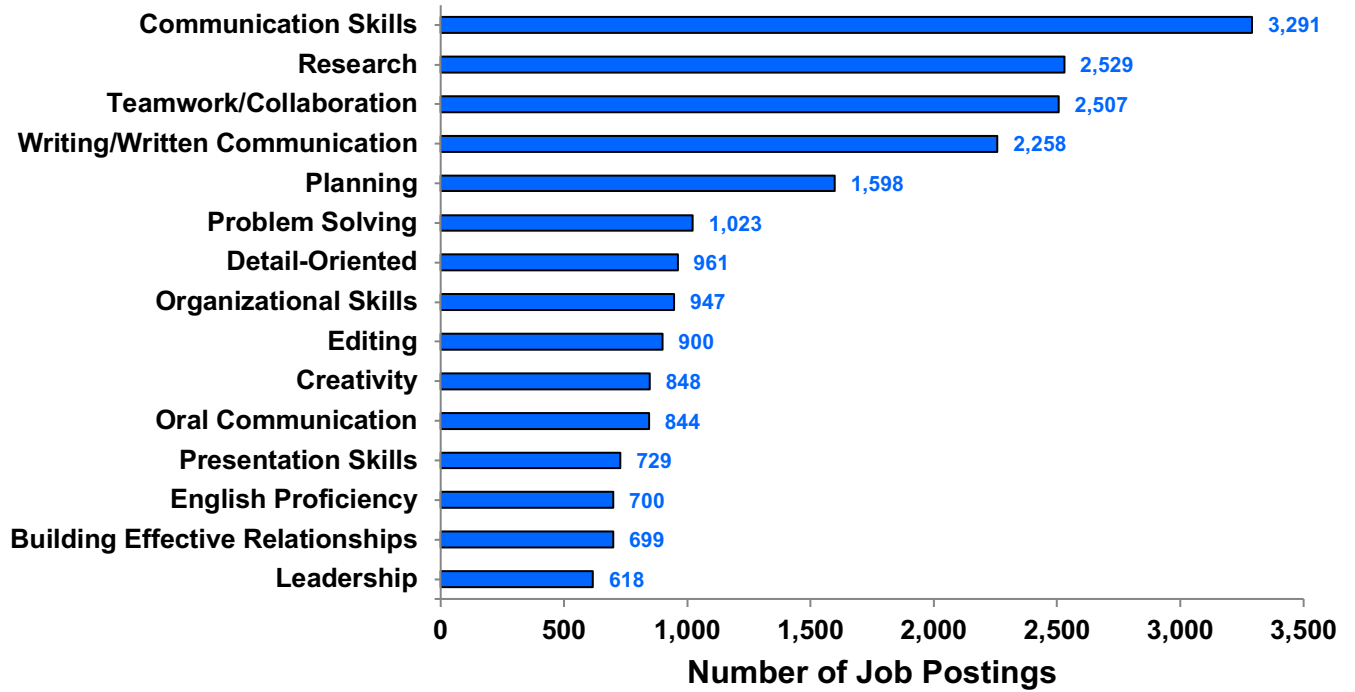
## Job Titles: Communication 2021



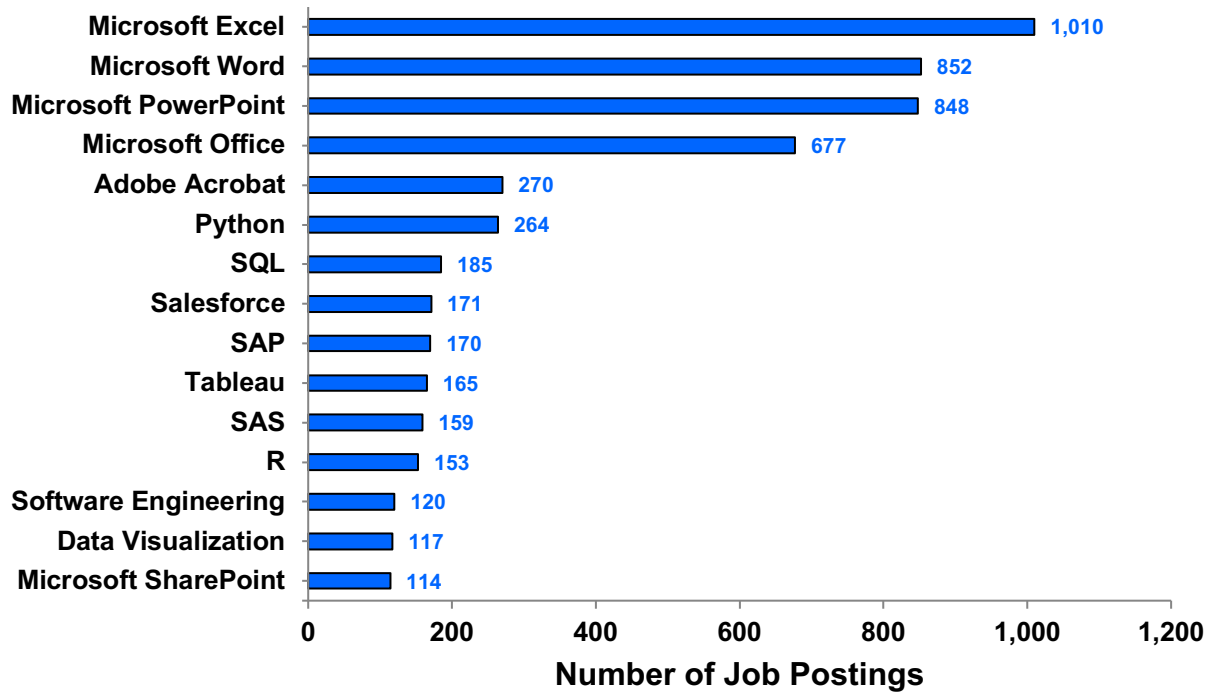
## Specialized (Hard) Skills: Communication 2021



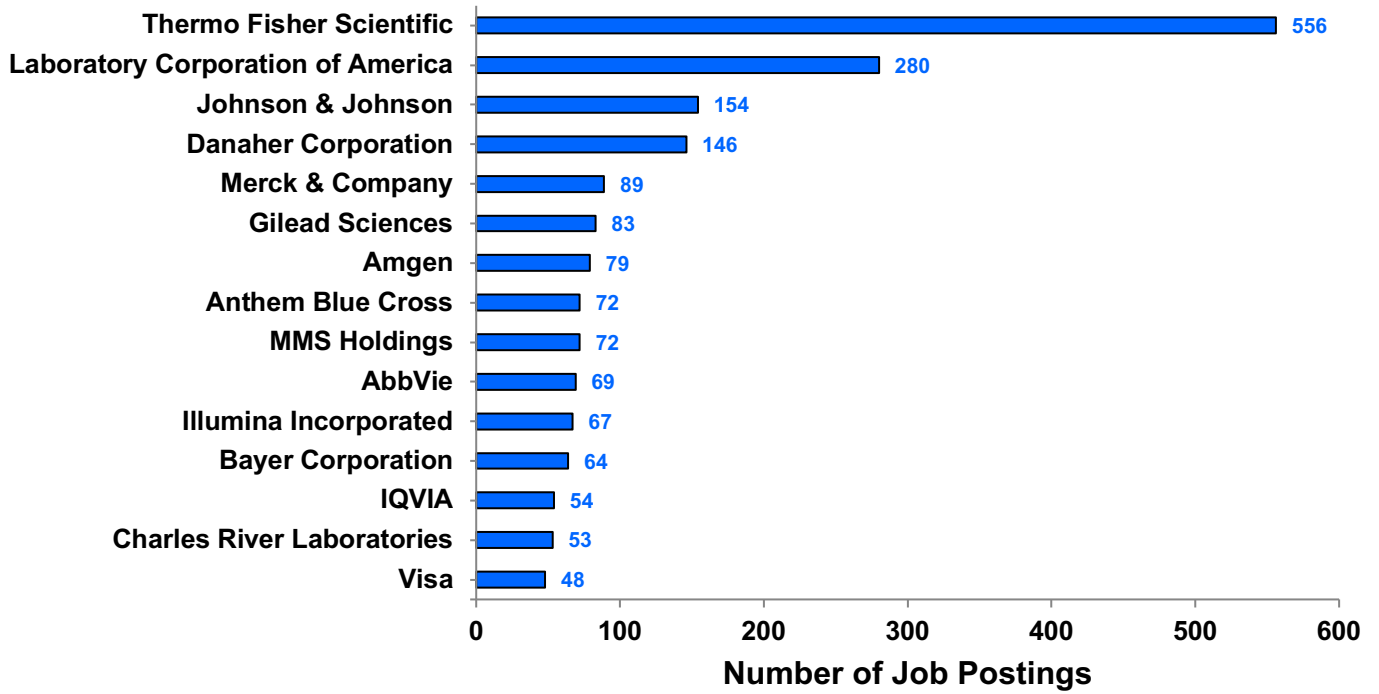
## Baseline (Soft) Skills: Communication 2021



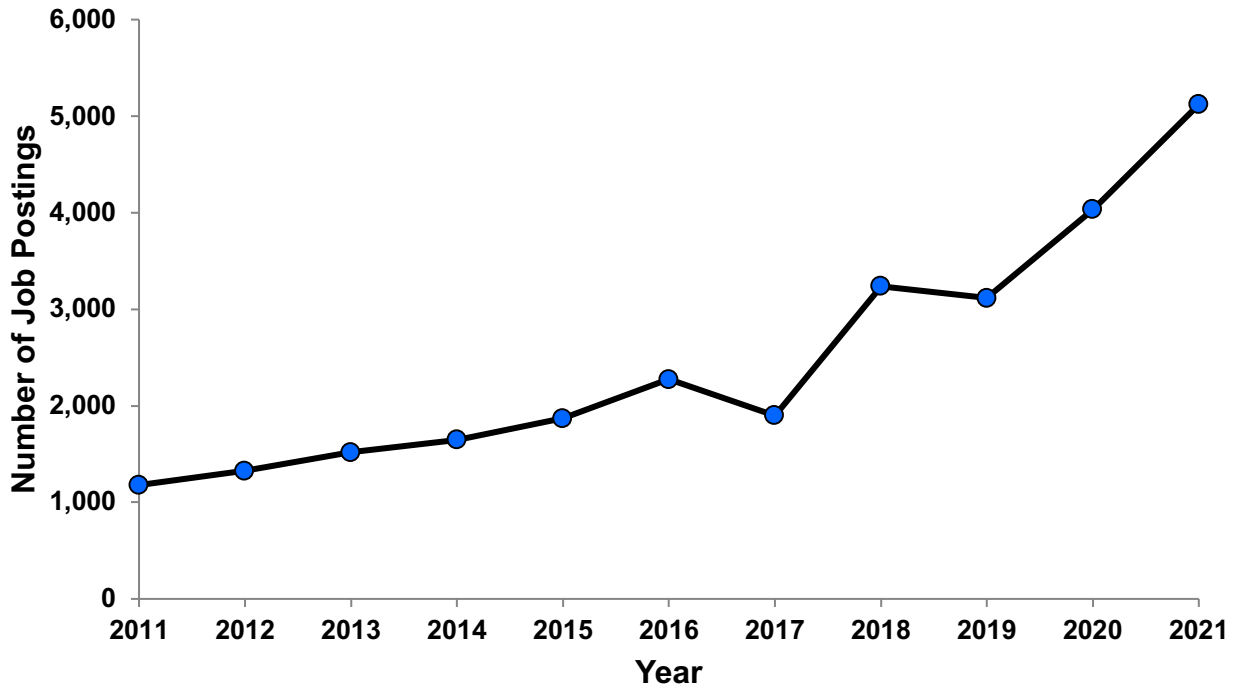
## Computer Skills: Communication 2021



## Employers: Communication 2021

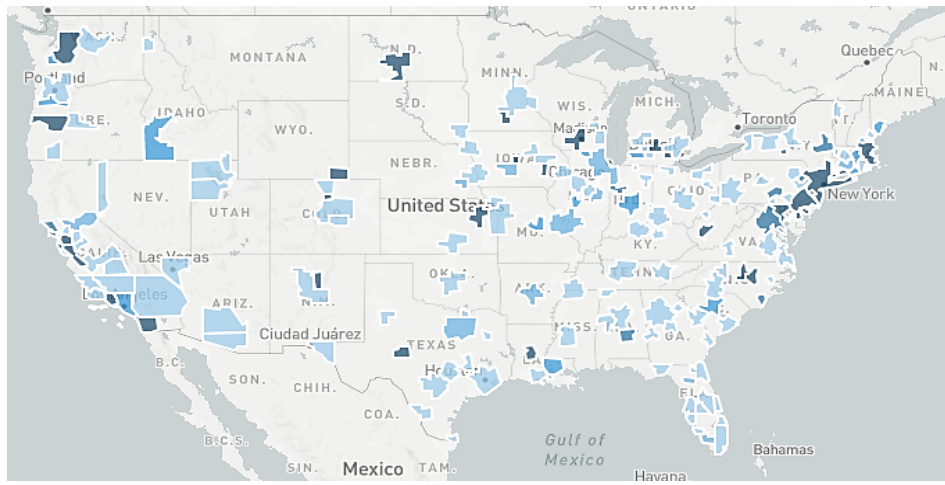


## Job Postings by Year: Communication 2011-2021





### Demand Areas by MSA: Communication 2021

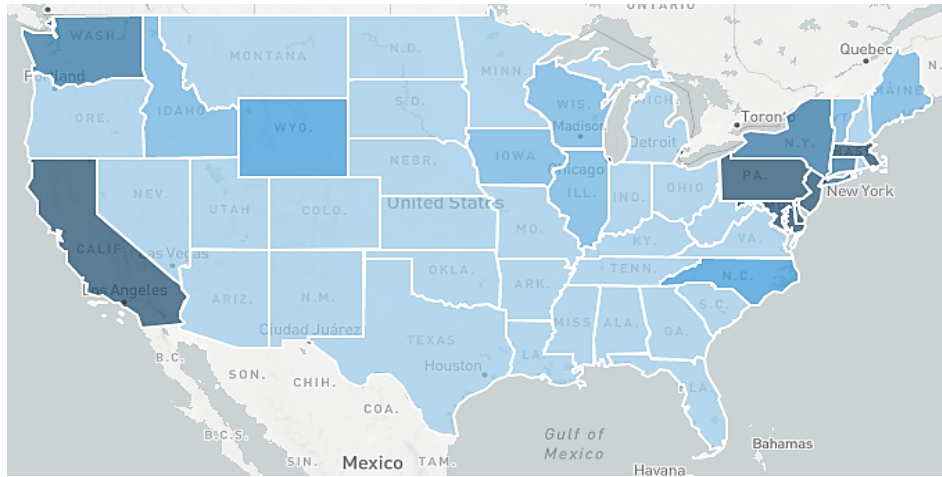


■ Much Lower   
 ■ Lower   
 ■ Average   
 ■ Higher   
 ■ Much Higher

Metropolitan Statistical Area (MSA)	Job Postings
Boston-Cambridge-Nashua, MA-NH	569
New York-Newark-Jersey City, NY-NJ-PA	539
San Francisco-Oakland-Hayward, CA	481
San Diego-Carlsbad, CA	342
Philadelphia-Camden-Wilmington, PA-NJ-DE-MD	266
Los Angeles-Long Beach-Anaheim, CA	227
Washington-Arlington-Alexandria, DC-VA-MD-WV	182
Seattle-Tacoma-Bellevue, WA	172
Chicago-Naperville-Elgin, IL-IN-WI	140
San Jose-Sunnyvale-Santa Clara, CA	136
Dallas-Fort Worth-Arlington, TX	116
Durham-Chapel Hill, NC	101
Oxnard-Thousand Oaks-Ventura, CA	91
Baltimore-Columbia-Towson, MD	90
Atlanta-Sandy Springs-Roswell, GA	63

\*Metropolitan NECTA (New England City and Town Area)

### Demand Areas by State: Communication 2021



■ Much Lower   
 ■ Lower   
 ■ Average   
 ■ Higher   
 ■ Much Higher

State	Job Postings
California	1,355
Massachusetts	596
New York	327
New Jersey	325
Pennsylvania	258
Texas	215
North Carolina	204
Maryland	201
Washington	182
Illinois	154
Florida	99
Michigan	88
Colorado	84
Connecticut	82
Georgia	82