

# BU's BEST

## Biomedical Workforce Data 2021



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*These data can also be found online at [www.bu.edu/BEST](http://www.bu.edu/BEST).  
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# Labor Insight™

## *About*

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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*

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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*

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

## *Caveats & Disclaimers*

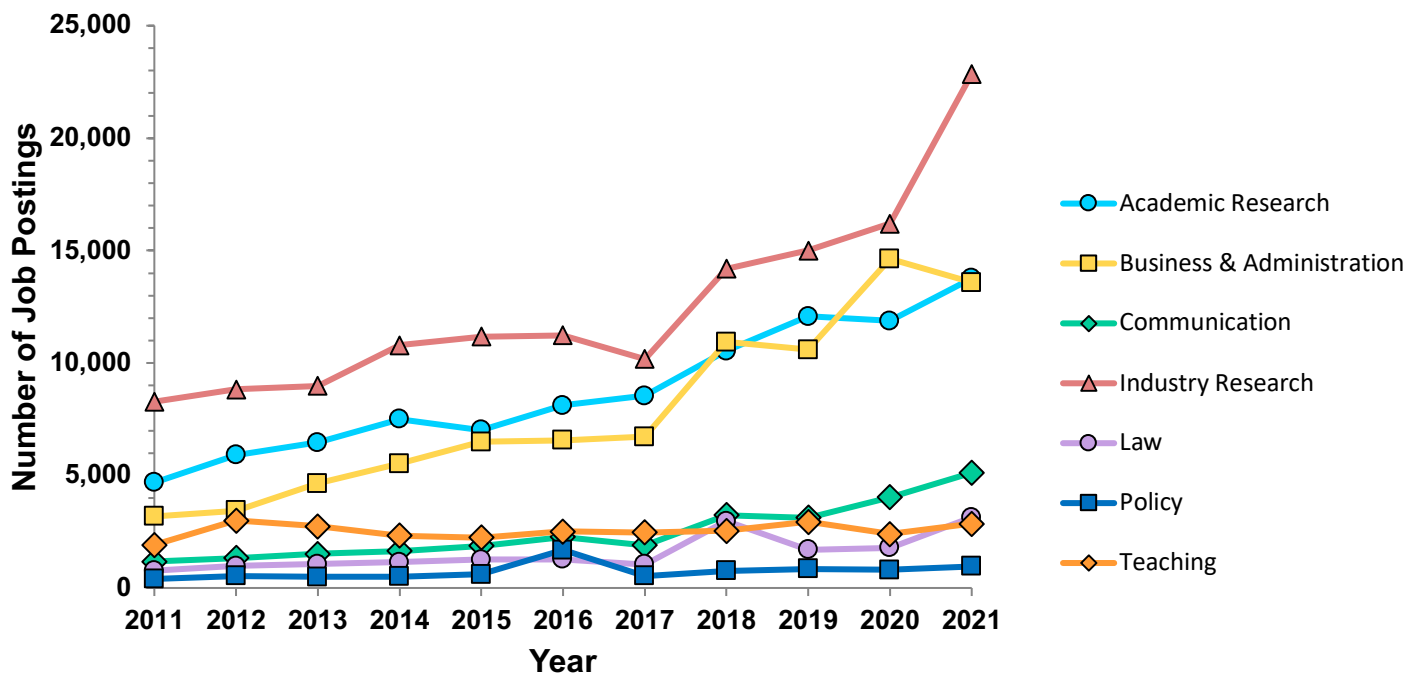
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Date ranges are January 1, 2021 – December 31, 2021 for job searches (trend analysis, 2011-2021).

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

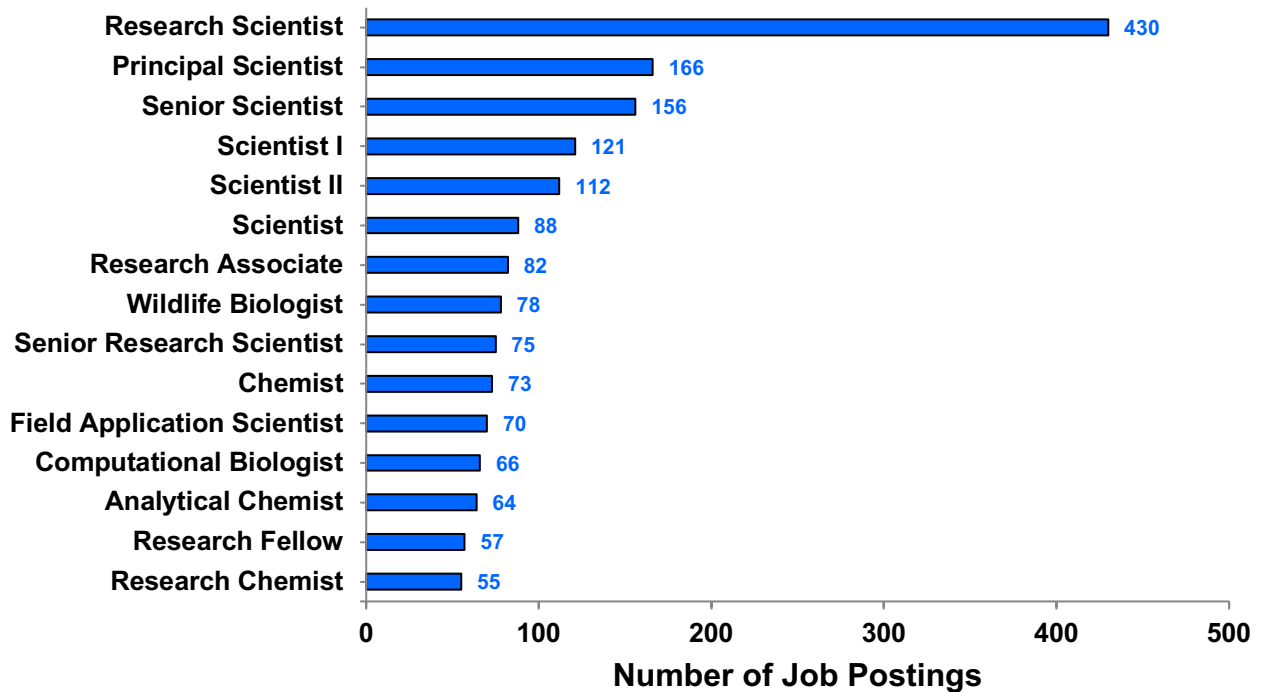
## Job Postings by Year (2011-2021)



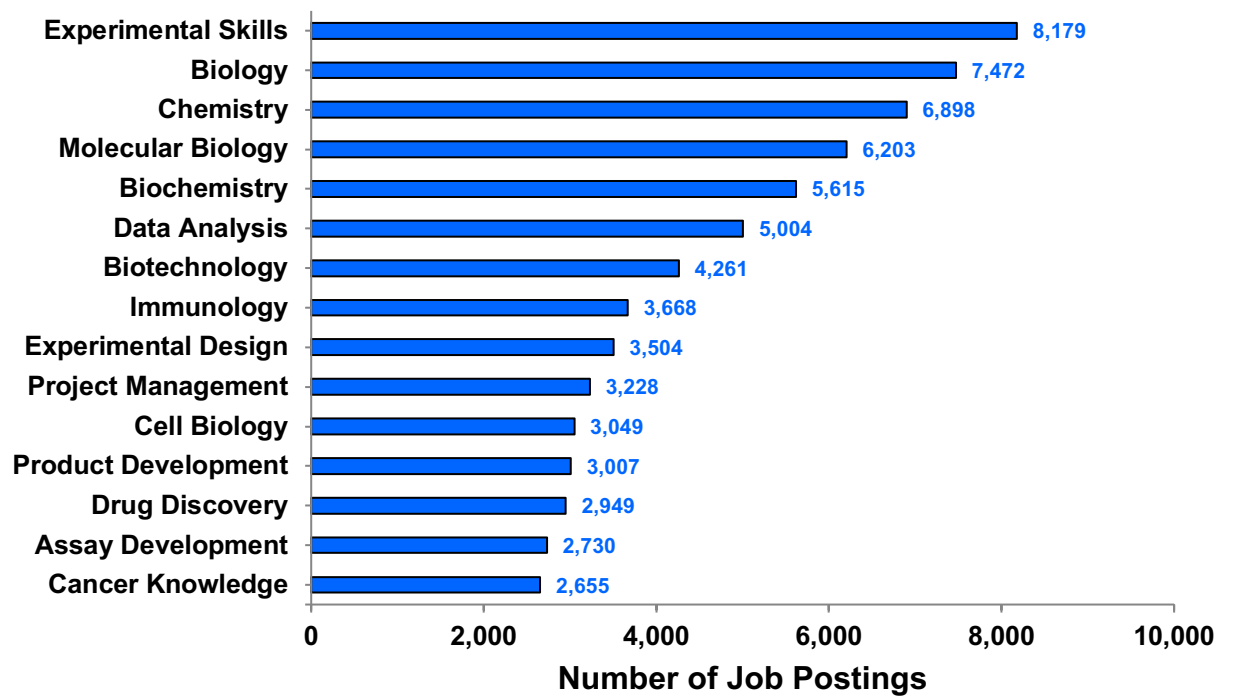
# **Industry Research**

Number of job postings (nationwide):  
22,848

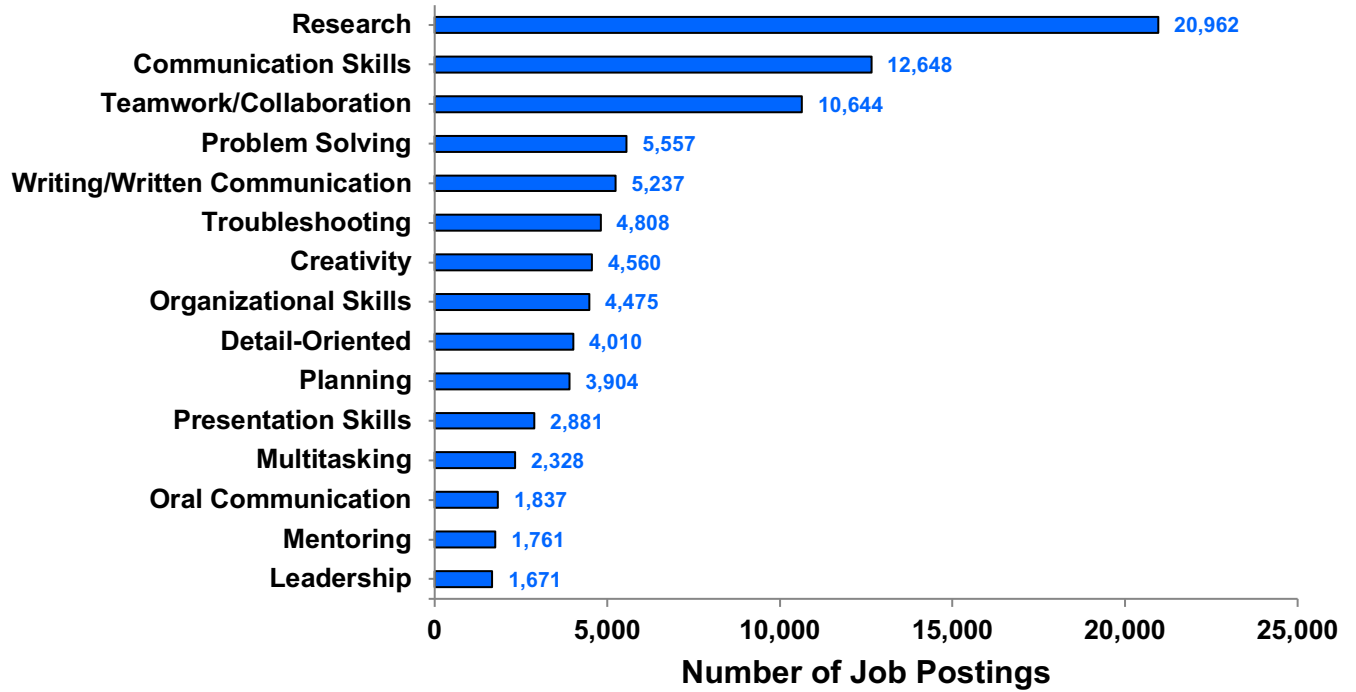
## Job Titles: Industry Research 2021



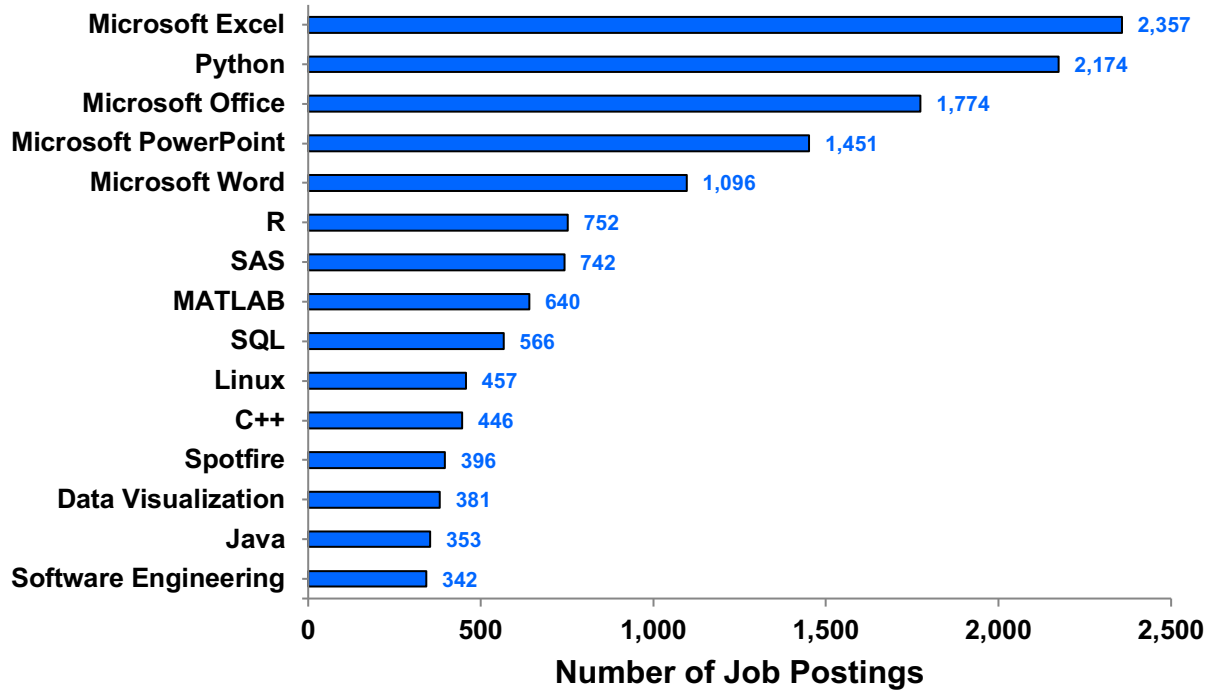
## Specialized (Hard) Skills: Industry Research 2021



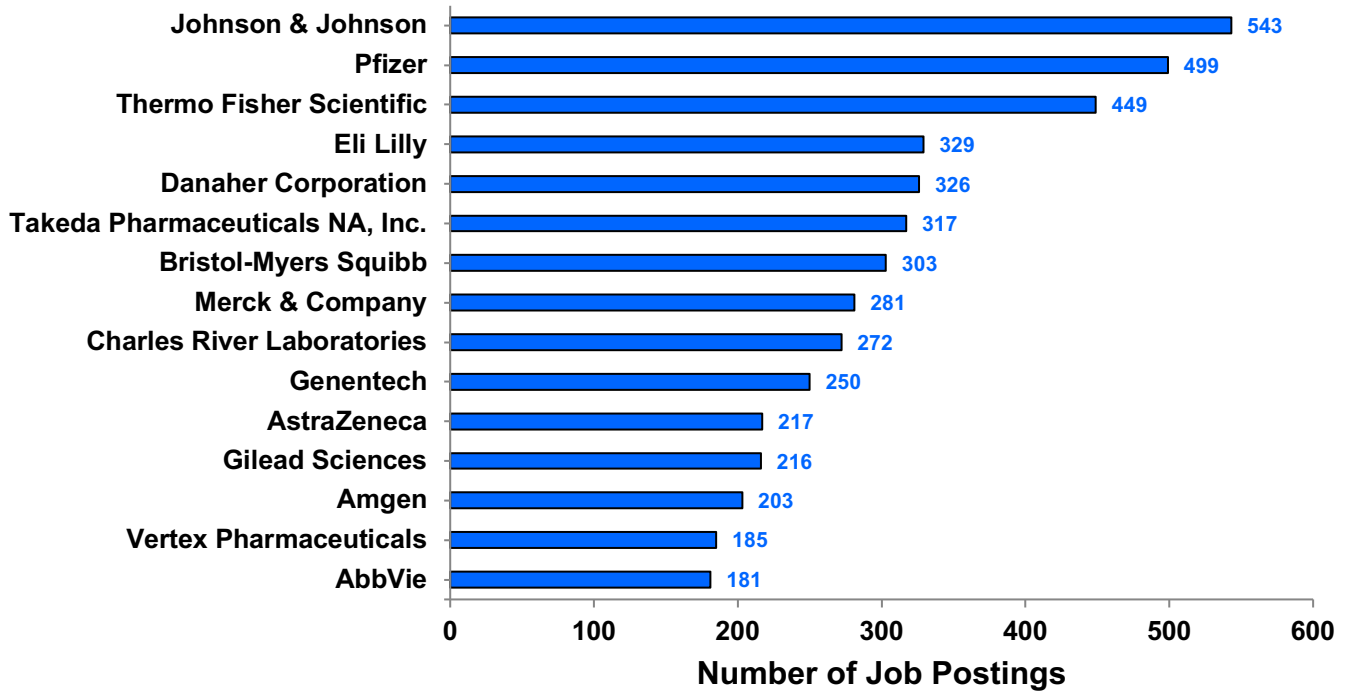
## Baseline (Soft) Skills: Industry Research 2021



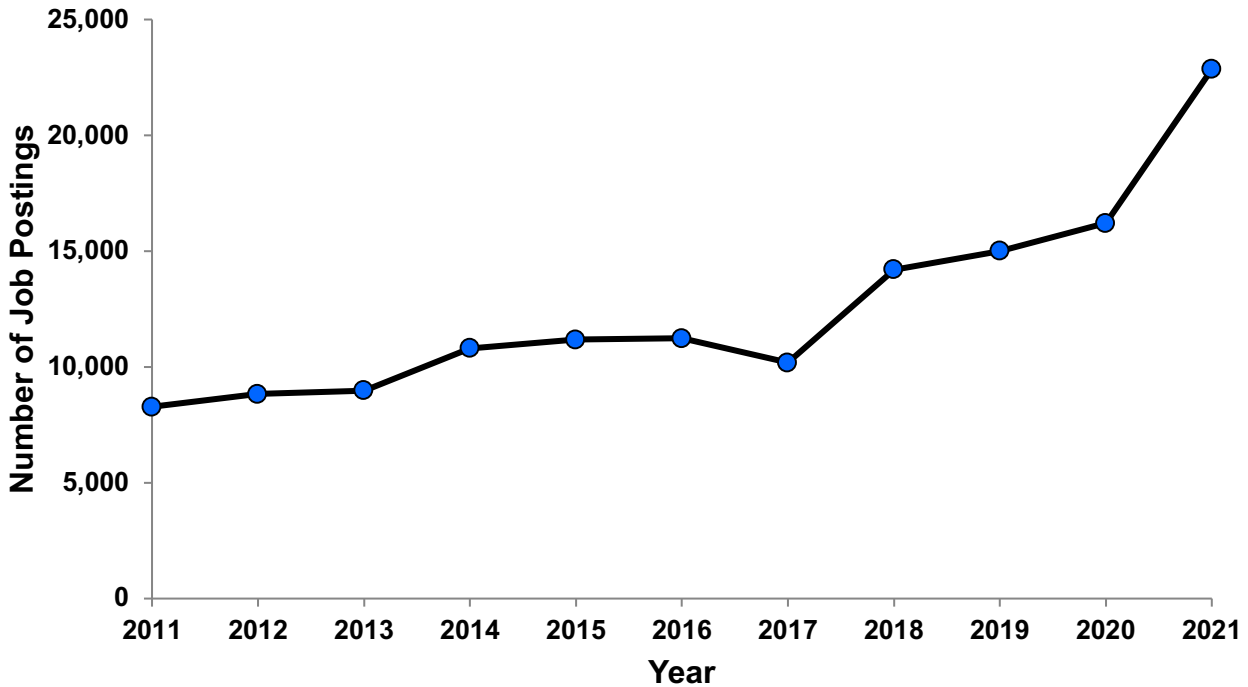
## Computer Skills: Industry Research 2021



## Employers: Industry Research 2021

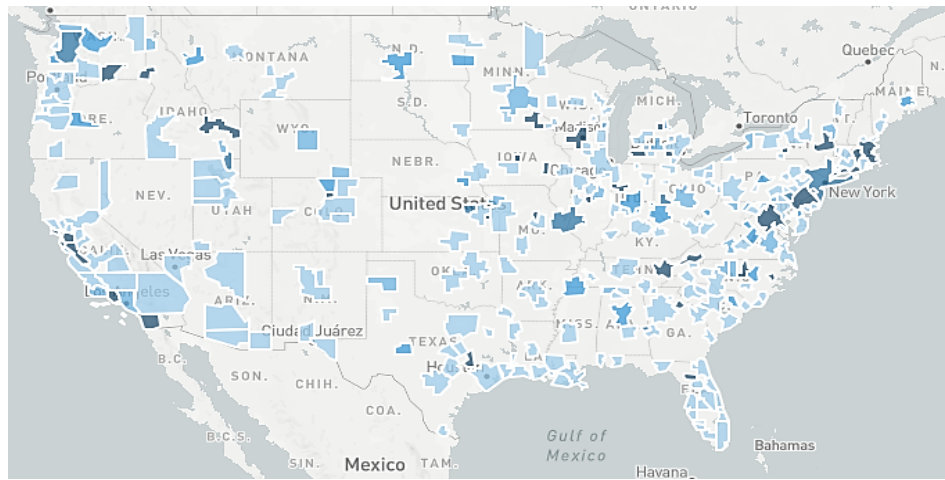


## Job Postings by Year: Industry Research 2011-2021





### Demand Areas by MSA: Industry Research 2021

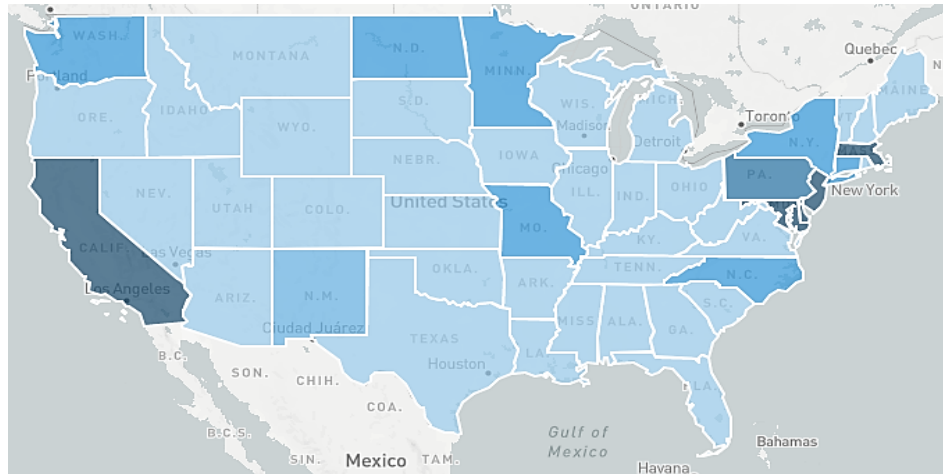


■ Much Lower   
 ■ Lower   
 ■ Average   
 ■ Higher   
 ■ Much Higher

<b>Metropolitan Statistical Area (MSA)</b>	<b>Job Postings</b>
San Francisco-Oakland-Hayward, CA	3,270
Boston-Cambridge-Nashua, MA-NH*	3,078
San Diego-Carlsbad, CA	1,752
New York-Newark-Jersey City, NY-NJ-PA	1,534
Washington-Arlington-Alexandria, DC-VA-MD-WV	1,499
Philadelphia-Camden-Wilmington, PA-NJ-DE-MD	973
Los Angeles-Long Beach-Anaheim, CA	644
Seattle-Tacoma-Bellevue, WA	605
San Jose-Sunnyvale-Santa Clara, CA	543
Chicago-Naperville-Elgin, IL-IN-WI	444
Durham-Chapel Hill, NC	369
St. Louis, MO-IL	285
Indianapolis-Carmel-Anderson, IN	244
Minneapolis-St. Paul-Bloomington, MN-WI	236
Houston-The Woodlands-Sugar Land, TX	196

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

### Demand Areas by State: Industry Research 2021



Much Lower
  Lower
  Average
  Higher
  Much Higher

State	Job Postings
California	6,651
Massachusetts	3,274
Maryland	1,326
New York	1,050
New Jersey	961
Pennsylvania	957
Washington	721
North Carolina	716
Texas	676
Illinois	517
Ohio	514
Minnesota	429
Missouri	418
Michigan	354
Connecticut	333