

BU's BEST

Biomedical Workforce Data 2022



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*These data can also be found online at 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

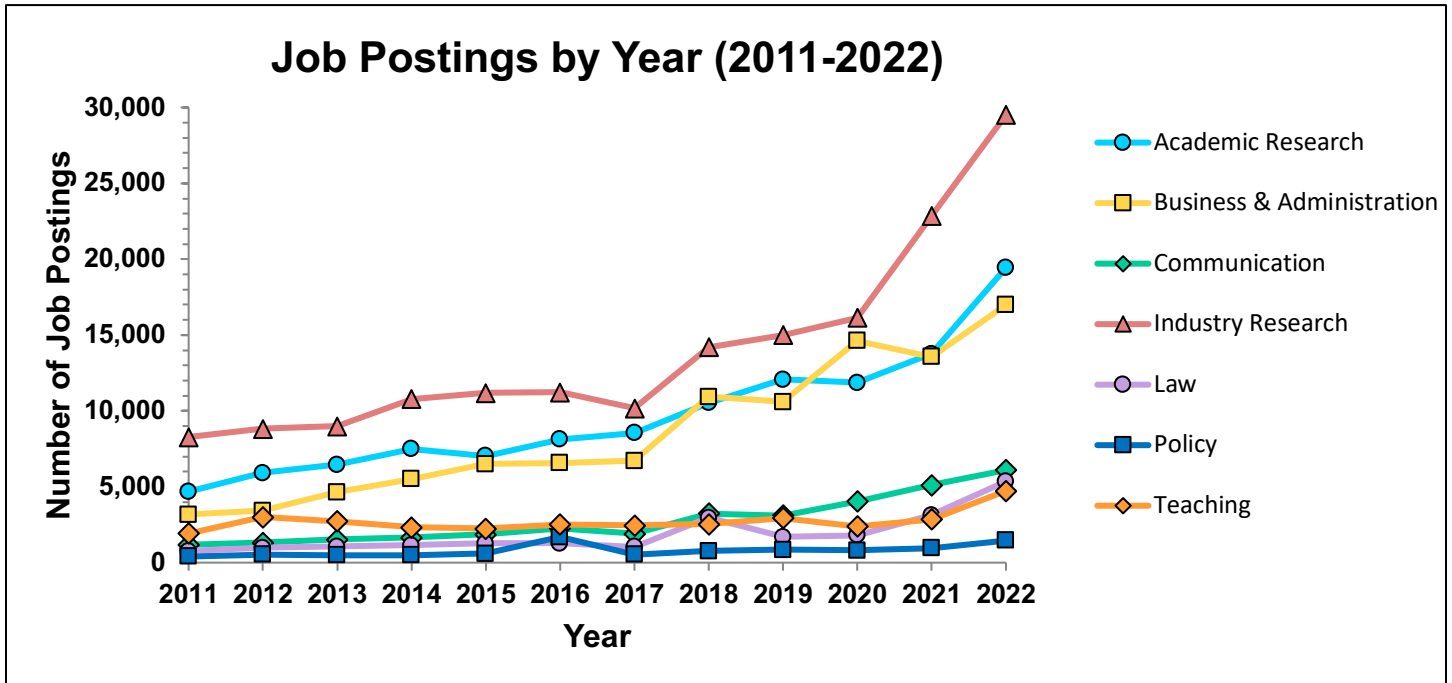
All searches were performed such that the reported jobs require or prefer that the applicant earned a PhD.

Caveats & Disclaimers

Date ranges are January 1, 2022 – December 31, 2022 for job searches (trend analysis, 2011-2022).

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

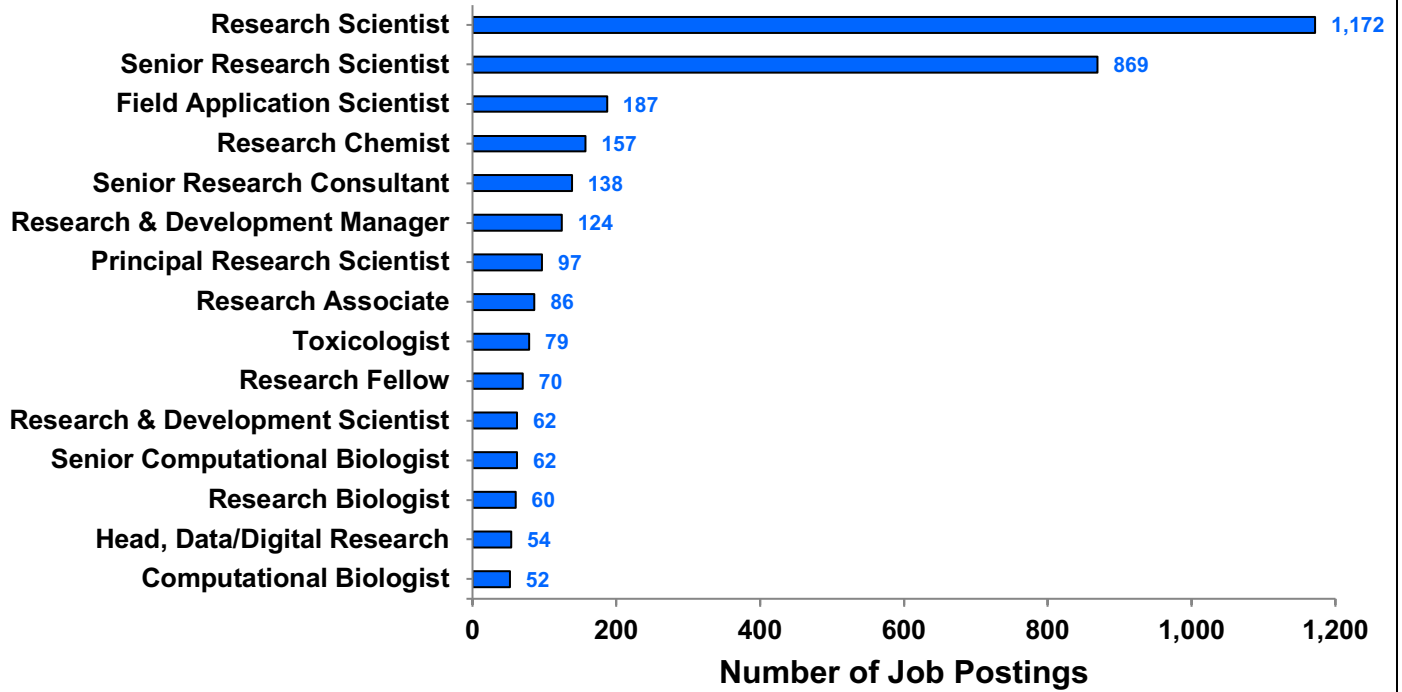
Career Paths: Job Trends Summary



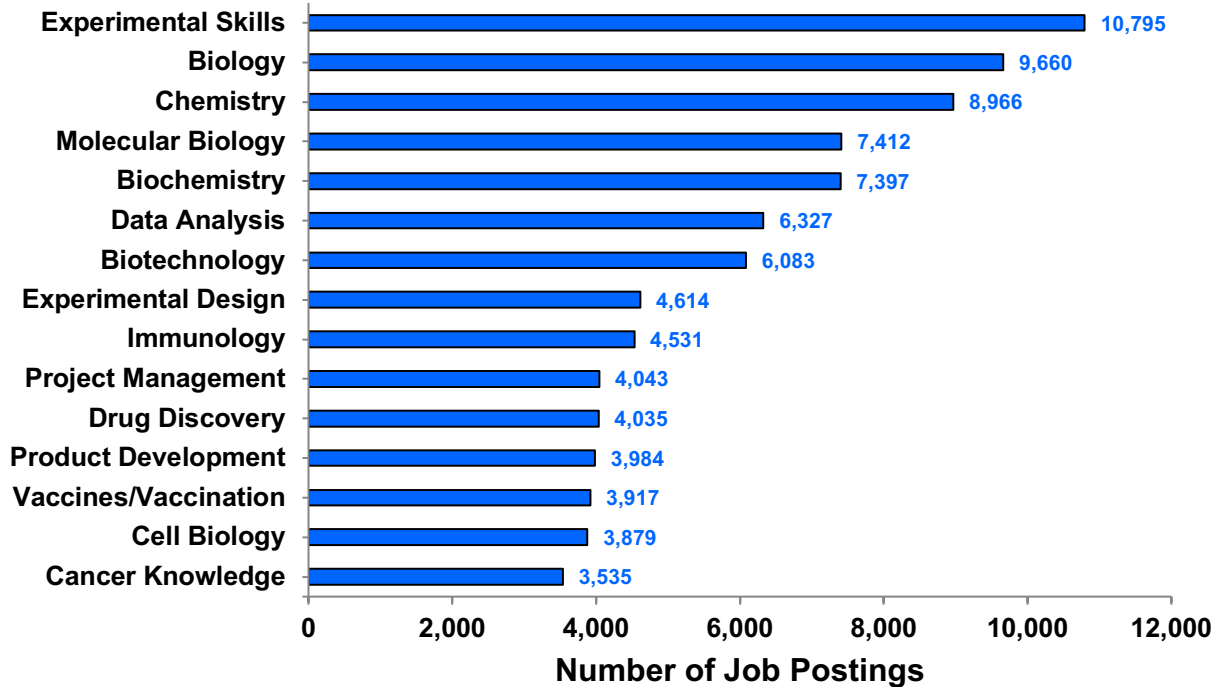
Industry Research

Number of job postings (nationwide):
29,514

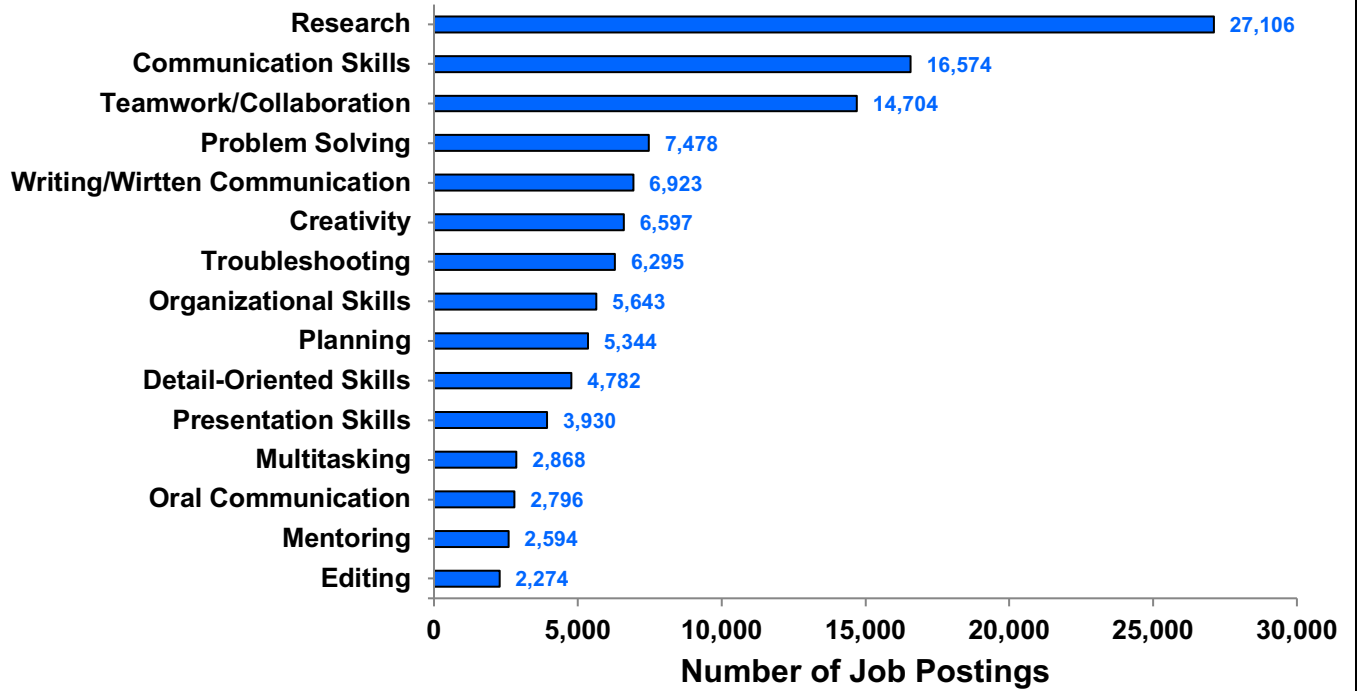
Job Titles: Industry Research 2022



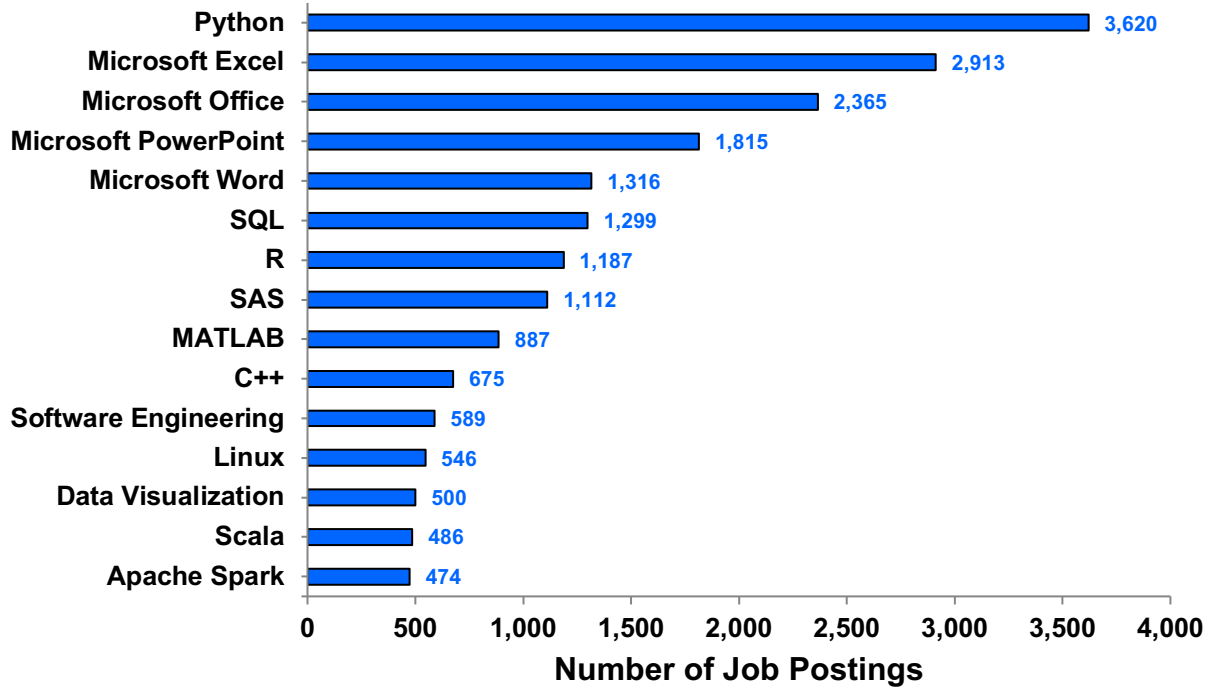
Specialized (Hard) Skills: Industry Research 2022



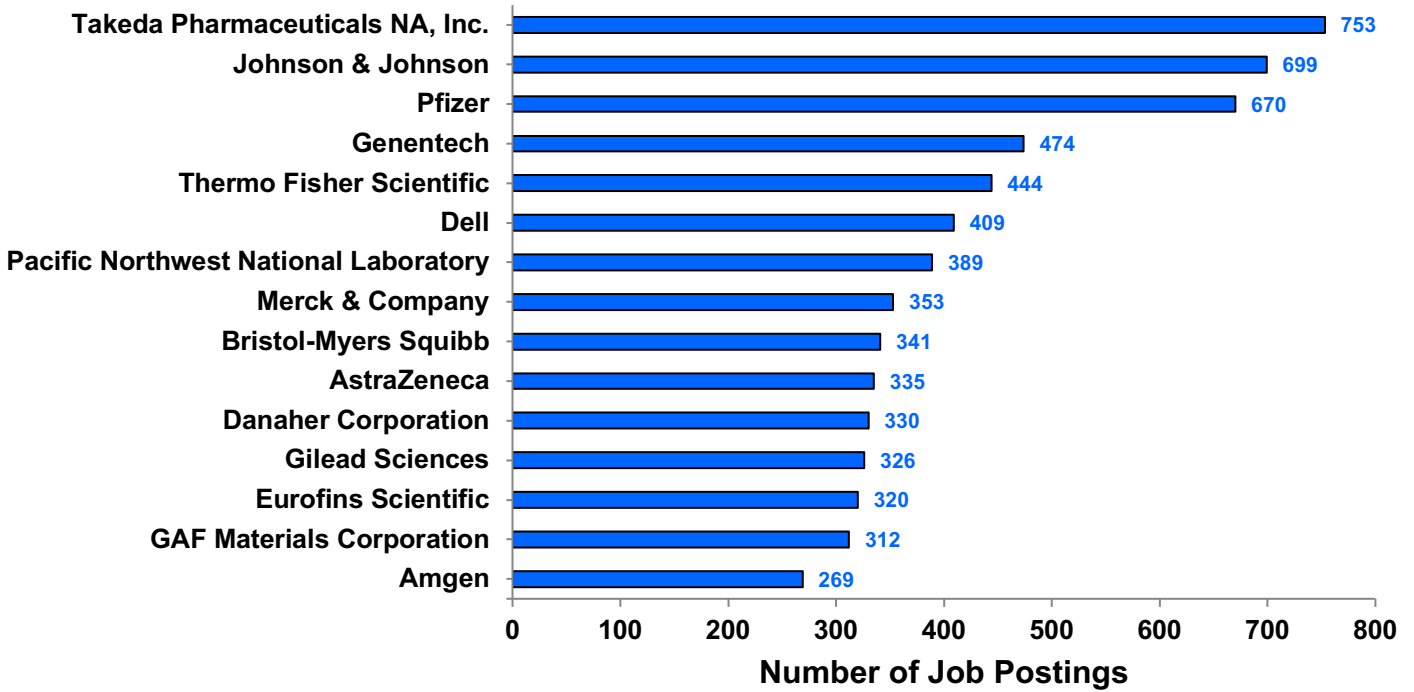
Baseline (Soft) Skills: Industry Research 2022



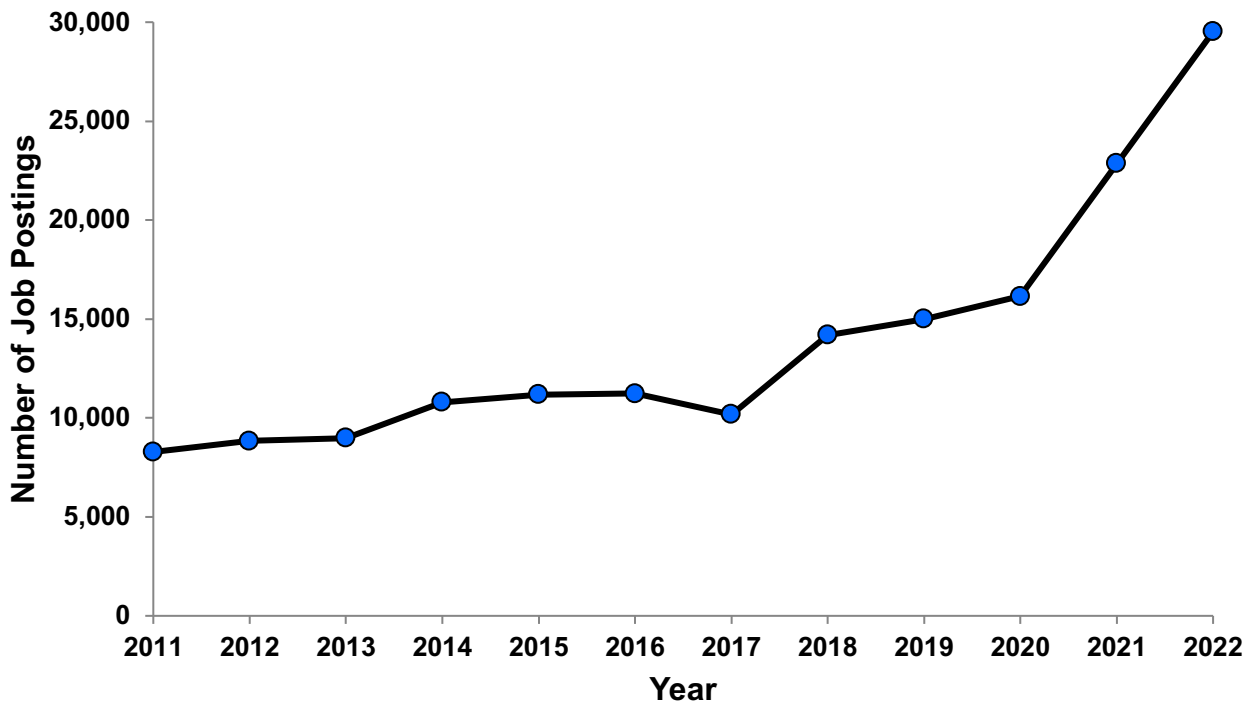
Computer Skills: Industry Research 2022



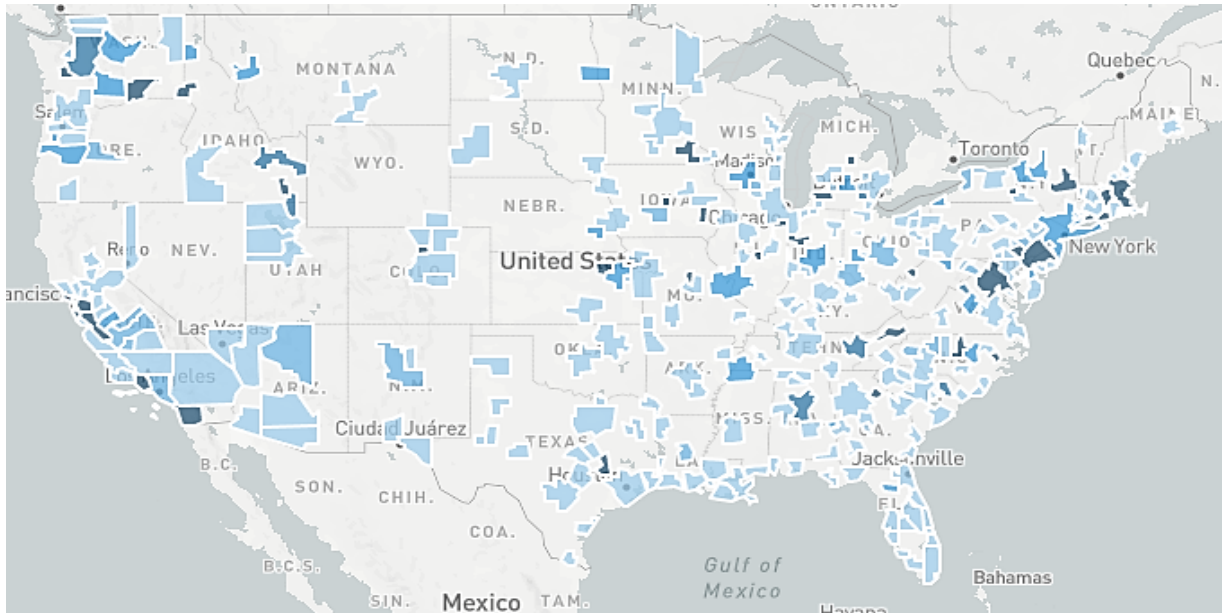
Employers: Industry Research 2022



Job Postings by Year: Industry Research 2011-2022



Demand Areas by MSA: Industry Research 2022

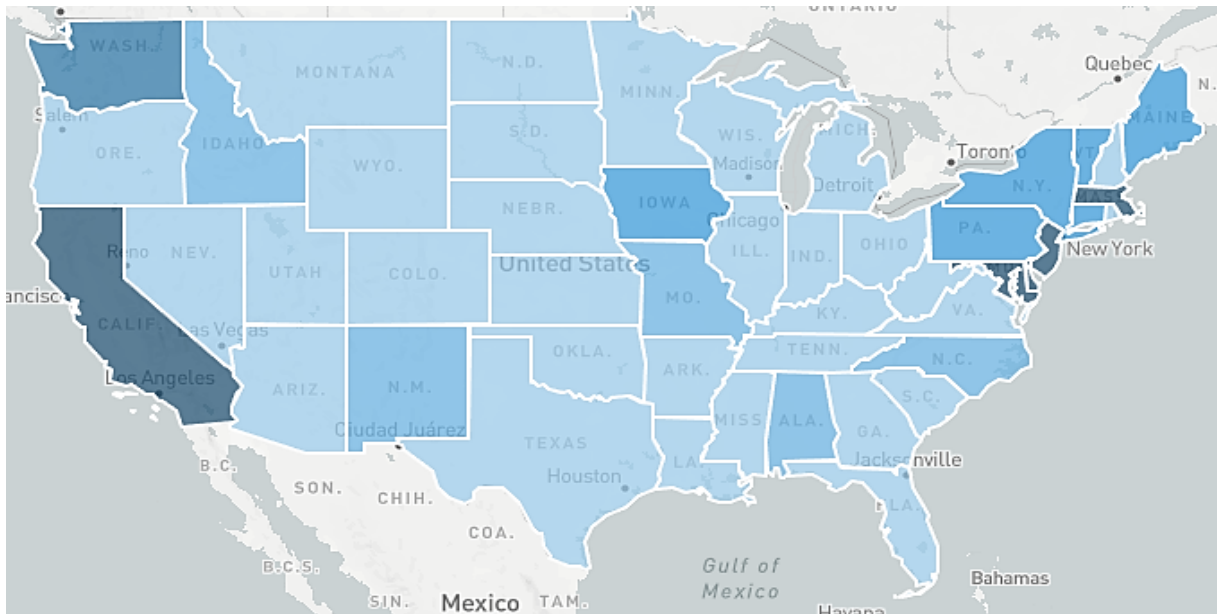


Much Lower
 Lower
 Average
 Higher
 Much Higher

Metropolitan Statistical Area (MSA)	Job Postings
Boston-Cambridge-Nashua, MA-NH*	4,234
San Francisco-Oakland-Hayward, CA	4,112
San Diego-Carlsbad, CA	2,147
Washington-Arlington-Alexandria, DC-VA-MD-WV	1,829
New York-Newark-Jersey City, NY-NJ-PA	1,665
Philadelphia-Camden-Wilmington, PA-NJ-DE-MD	1,048
Los Angeles-Long Beach-Anaheim, CA	934
Seattle-Tacoma-Bellevue, WA	763
San Jose-Sunnyvale-Santa Clara, CA	672
Chicago-Naperville-Elgin, IL-IN-WI	577
Durham-Chapel Hill, NC	428
St. Louis, MO-IL	310
Houston-The Woodlands-Sugar Land, TX	308
Indianapolis-Carmel-Anderson, IN	295
Dallas-Fort Worth-Arlington, TX	258

*Metropolitan NECTA (New England City and Town Area)

Demand Areas by State: Industry Research 2022



Much Lower
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State	Job Postings
California	8,479
Massachusetts	4,524
Maryland	1,675
New York	1,187
Pennsylvania	1,145
New Jersey	1,081
Washington	998
Texas	945
North Carolina	825
Illinois	695
Ohio	666
Michigan	522
Missouri	474
Florida	438
Indiana	399