

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

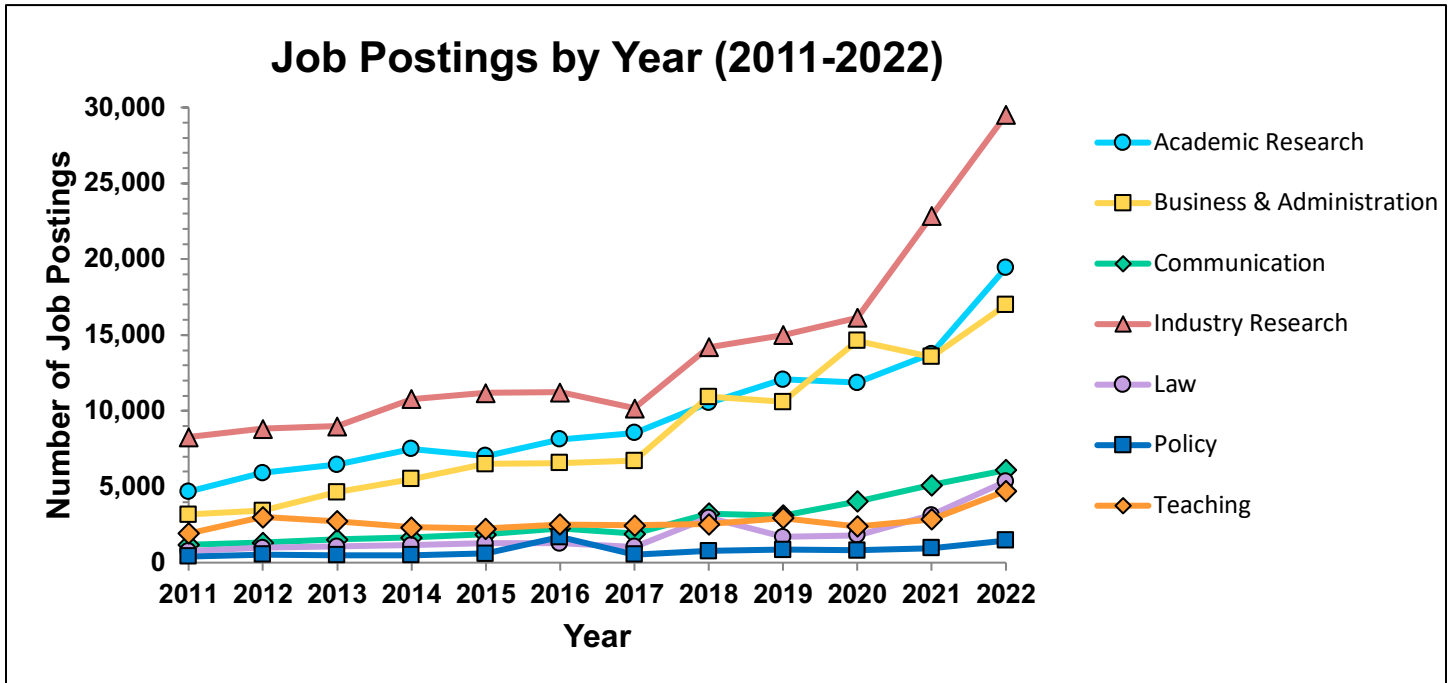
All searches were performed such that the reported jobs require or prefer that the applicant earned a PhD.

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.

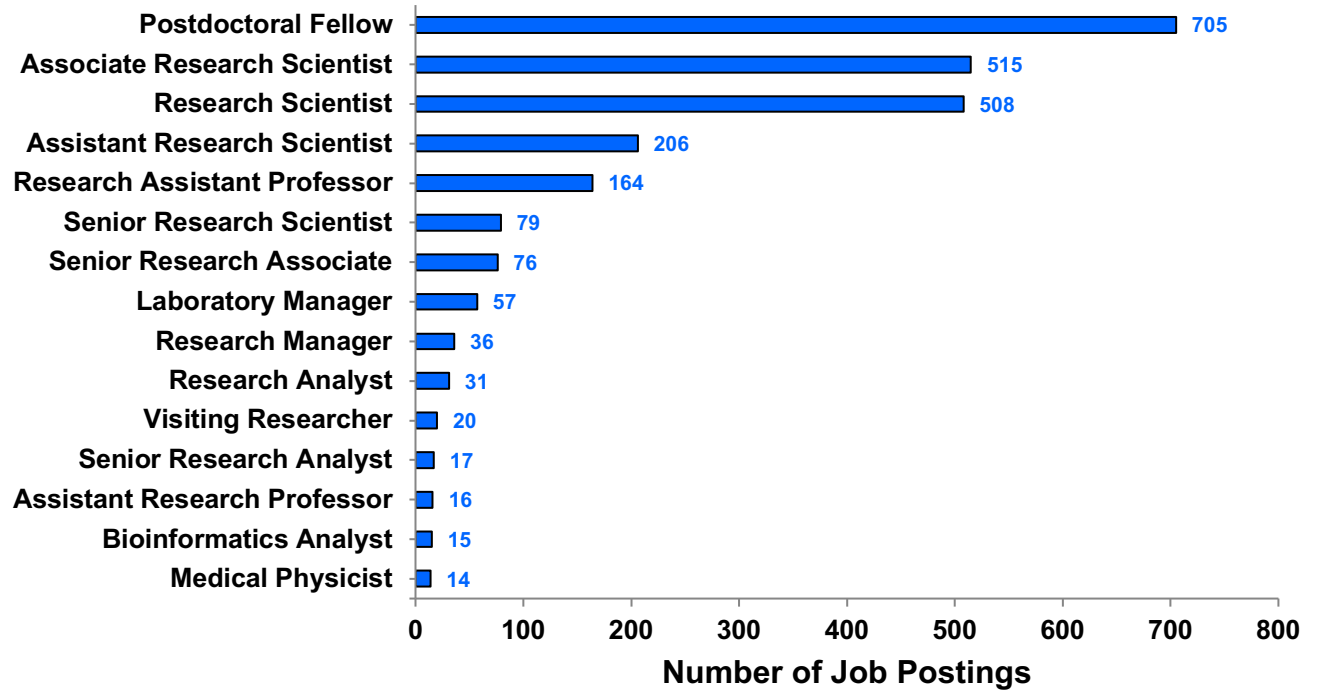
Career Paths: Job Trends Summary



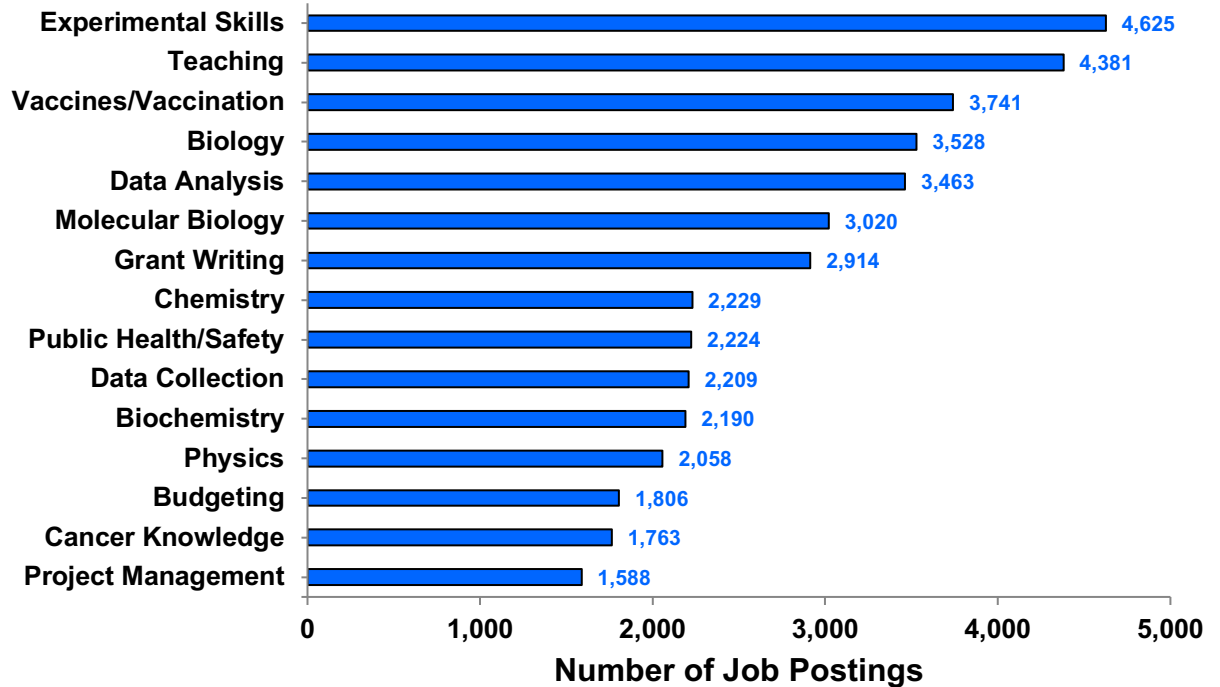
Academic Research

Number of job postings (nationwide):
19,439

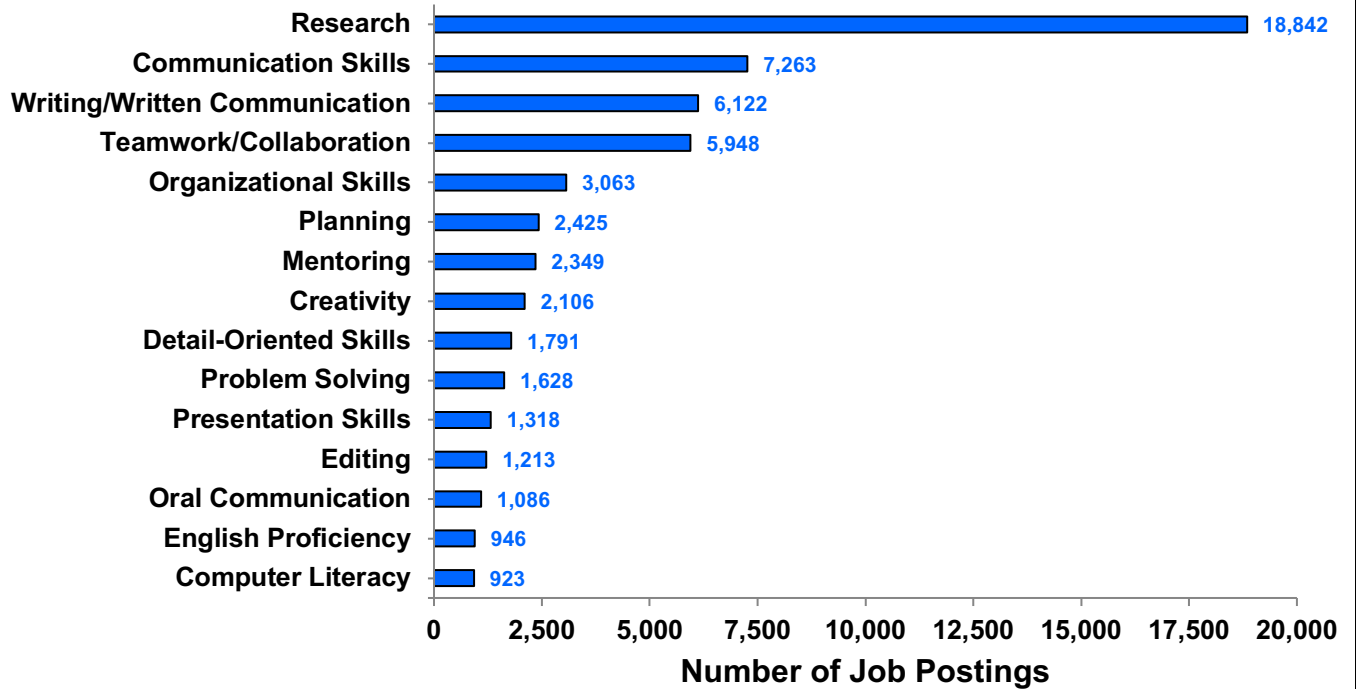
Job Titles: Academic Research 2022



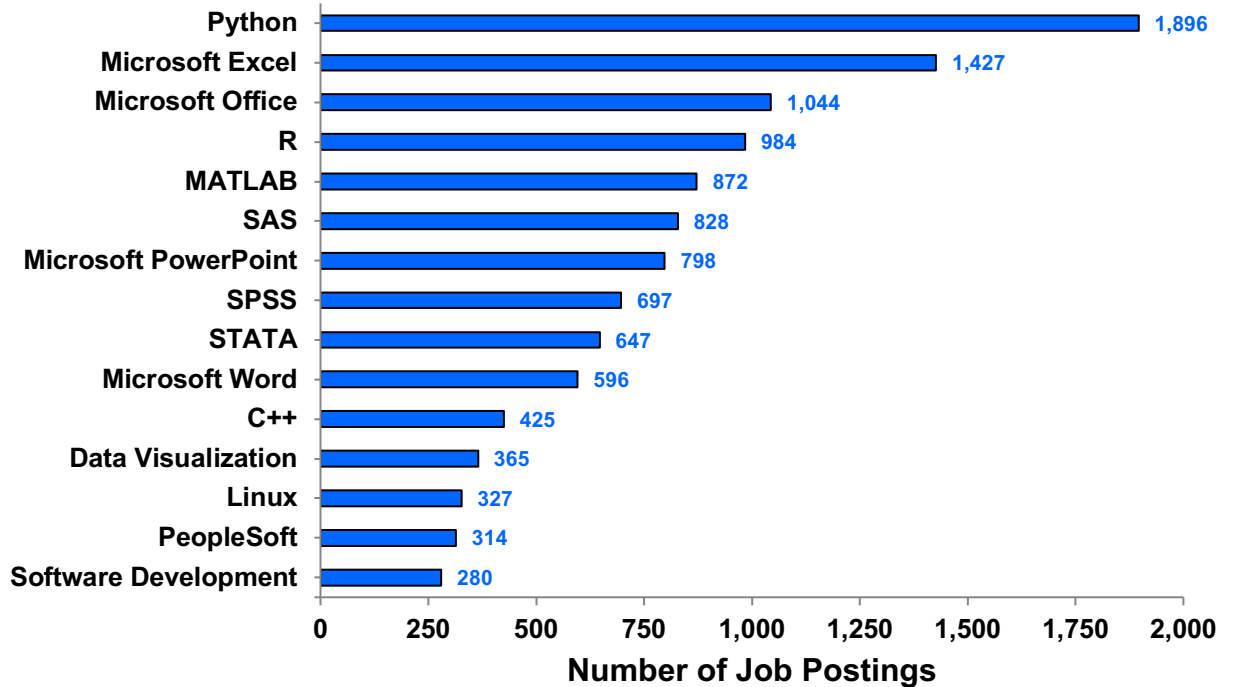
Specialized (Hard) Skills: Academic Research 2022



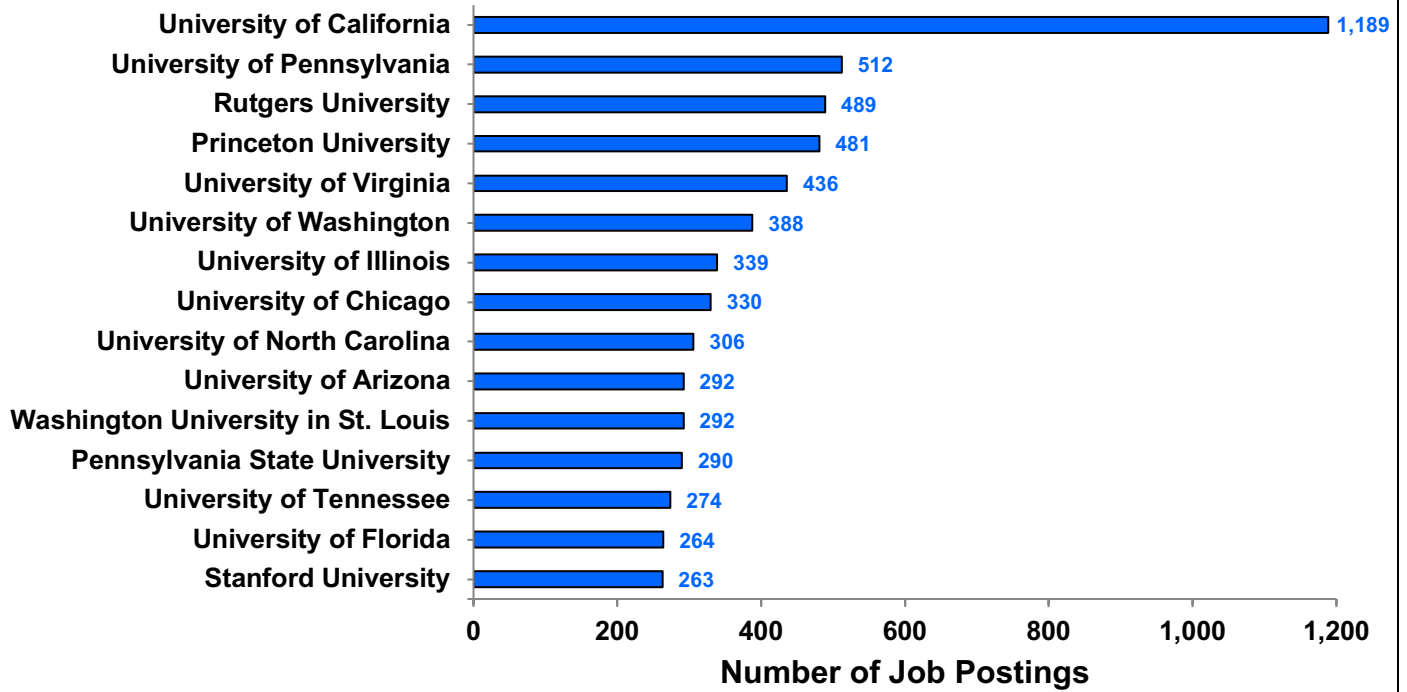
Baseline (Soft) Skills: Academic Research 2022



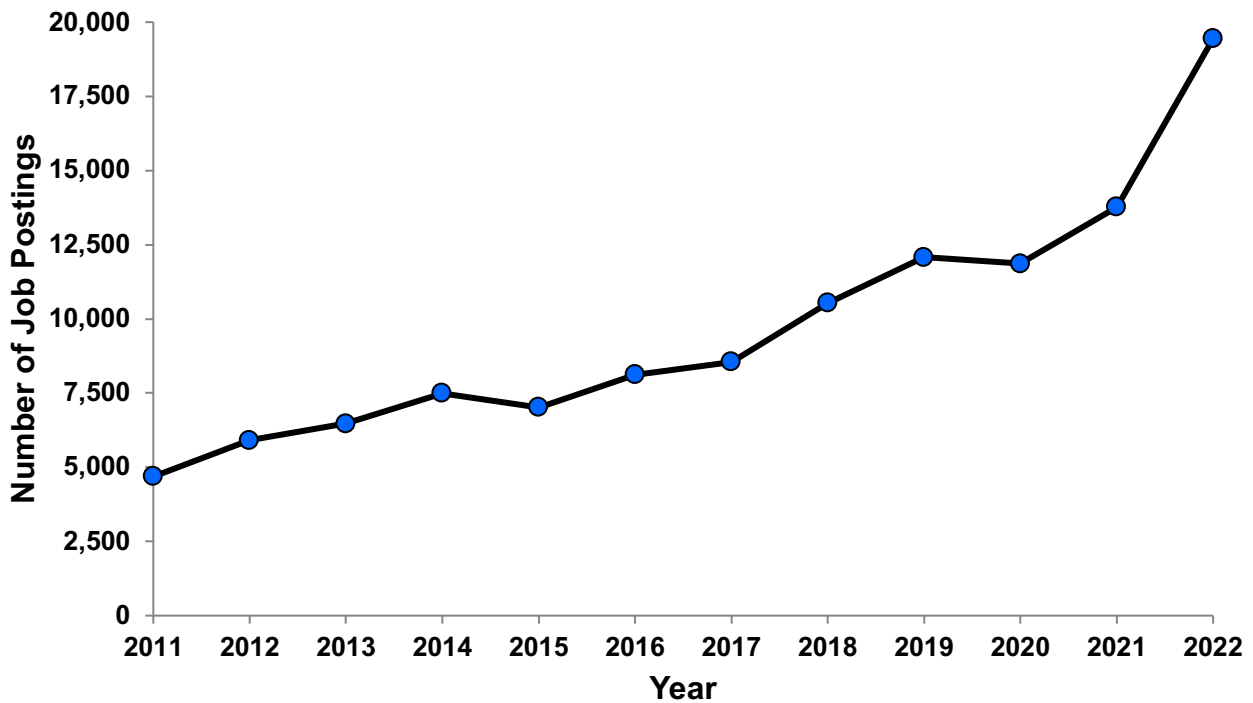
Computer Skills: Academic Research 2022



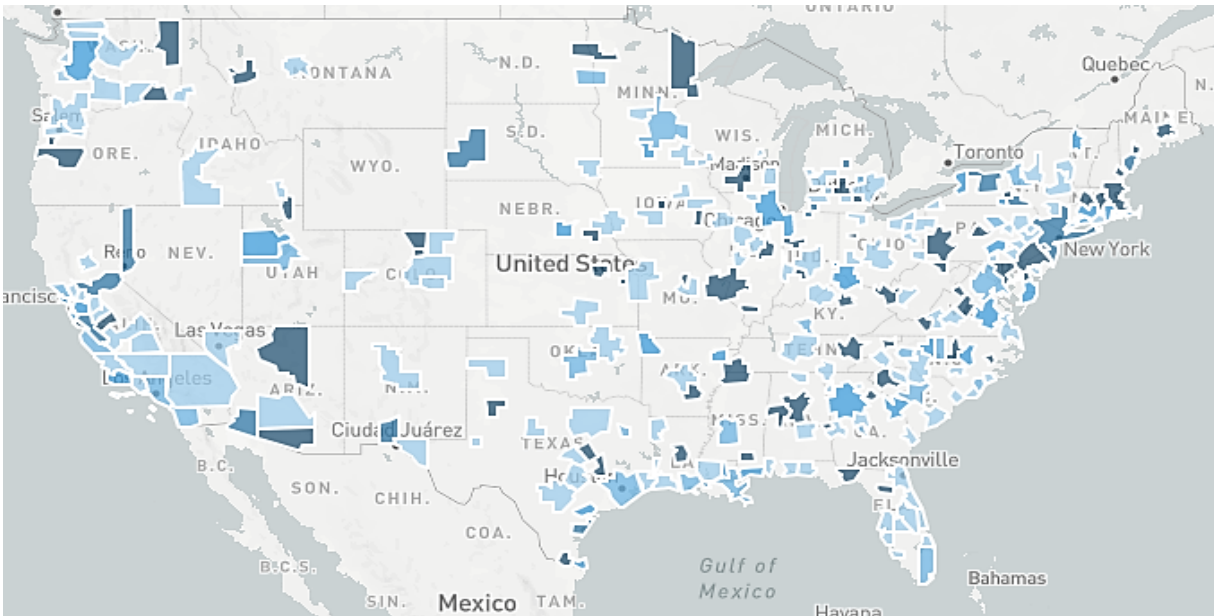
Employers: Academic Research 2022



Job Postings by Year: Academic Research 2011-2022



Demand Areas by MSA: Academic Research 2022

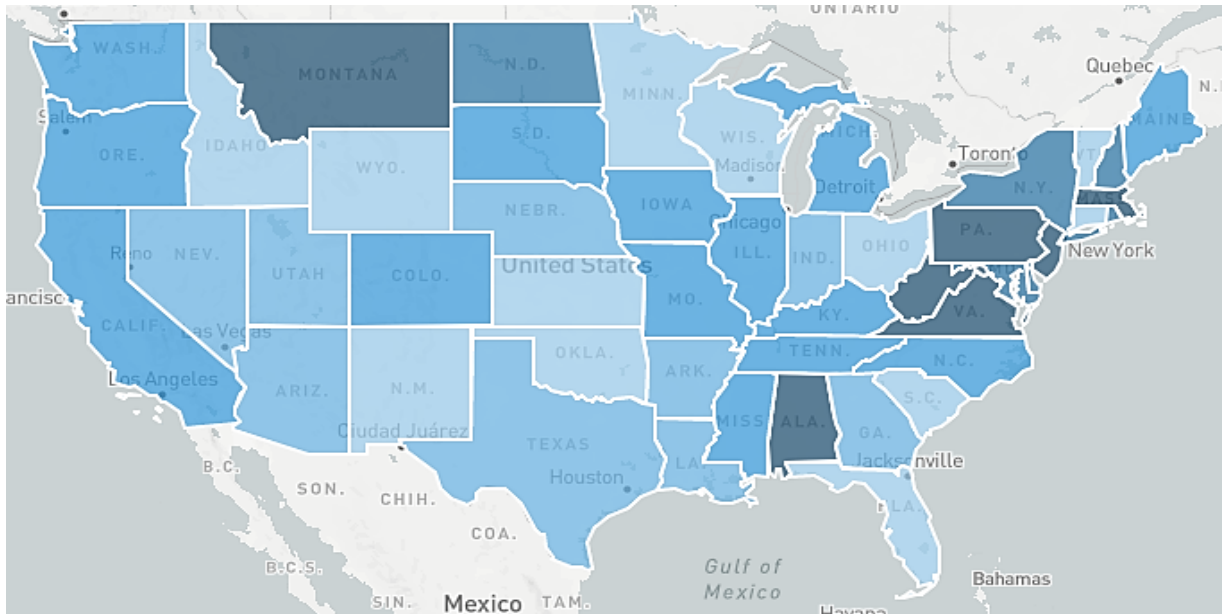


Much Lower
 Lower
 Average
 Higher
 Much Higher

Metropolitan Statistical Area (MSA)	Job Postings
New York-Newark-Jersey City, NY-NJ-PA	1,175
Boston-Cambridge-Nashua, MA-NH*	787
Chicago-Naperville-Elgin, IL-IN-WI	733
Los Angeles-Long Beach-Anaheim, CA	695
Philadelphia-Camden-Wilmington, PA-NJ-DE-MD	672
San Francisco-Oakland-Hayward, CA	543
Trenton, NJ	484
Charlottesville, VA	470
Atlanta-Sandy Springs-Roswell, GA	372
Durham-Chapel Hill, NC	365
Baltimore-Columbia-Towson, MD	336
St. Louis, MO-IL	330
Pittsburgh, PA	314
Seattle-Tacoma-Bellevue, WA	314
Washington-Arlington-Alexandria, DC-VA-MD-WV	307

*Metropolitan NECTA (New England City and Town Area)

Demand Areas by State: Academic Research 2022



Much Lower
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State	Job Postings
California	2,267
Pennsylvania	1,218
New York	1,130
Texas	1,120
Massachusetts	1,010
New Jersey	957
Illinois	891
Virginia	859
North Carolina	713
Florida	698
Colorado	575
Michigan	509
Washington	502
Georgia	474
Ohio	448