

BU's BEST

Biomedical Workforce Data 2021



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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.

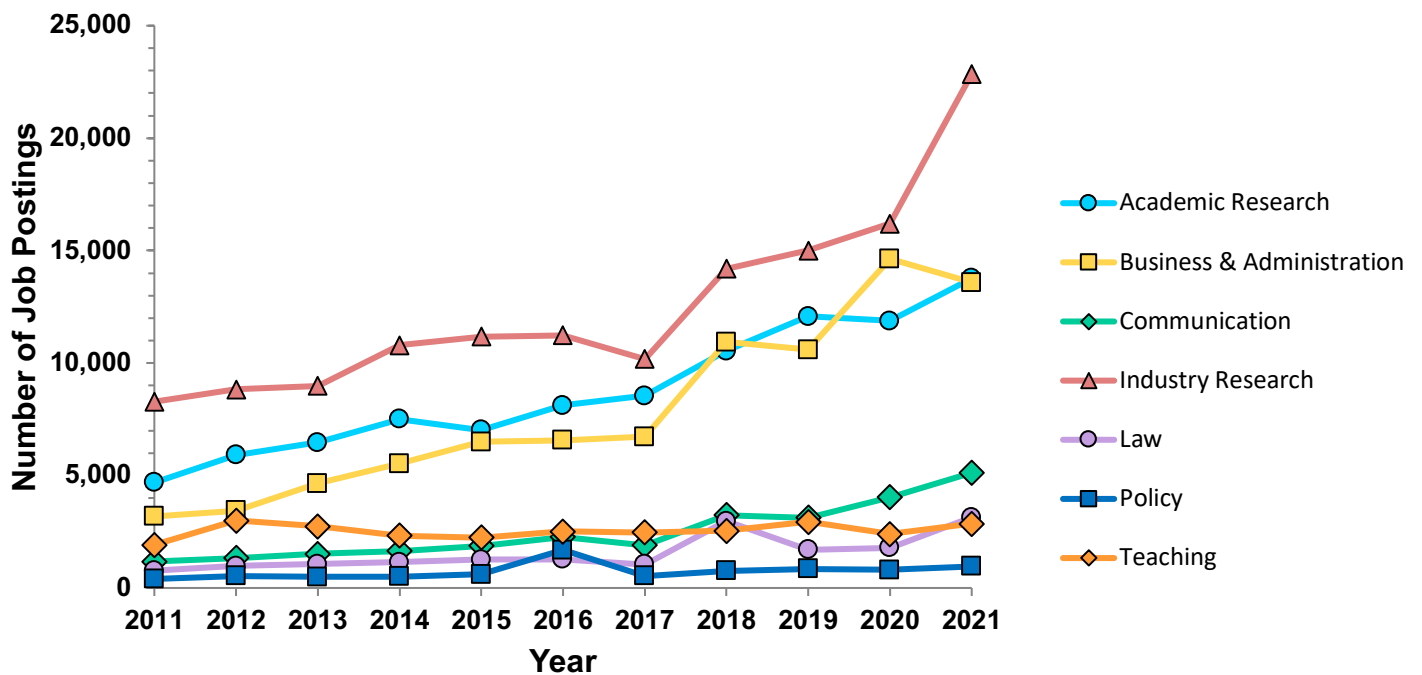
Caveats & Disclaimers

Date ranges are January 1, 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

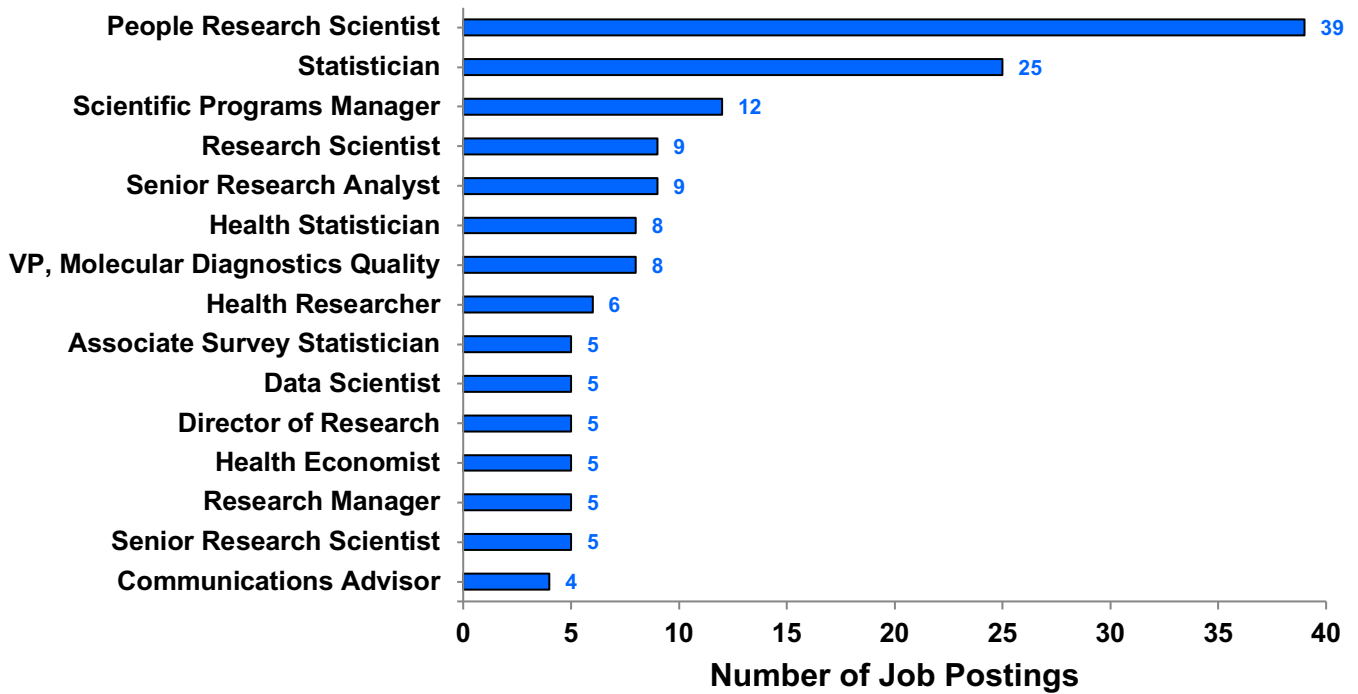
Job Postings by Year (2011-2021)



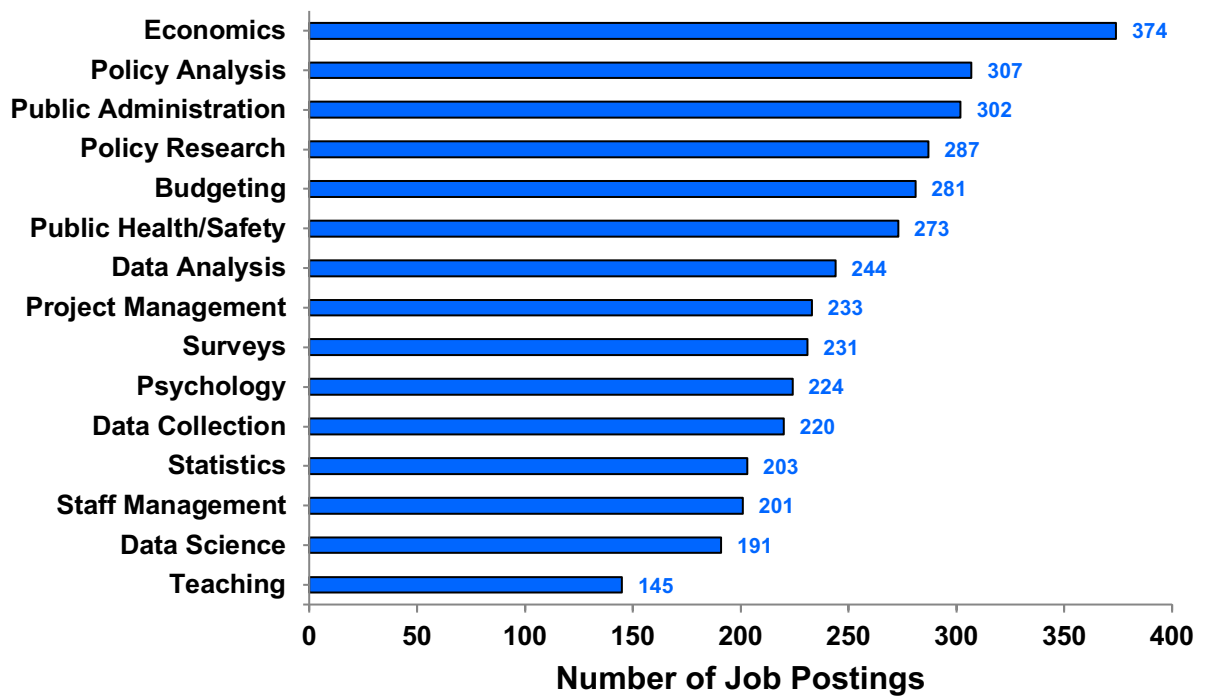
Policy

Number of job postings (nationwide):
961

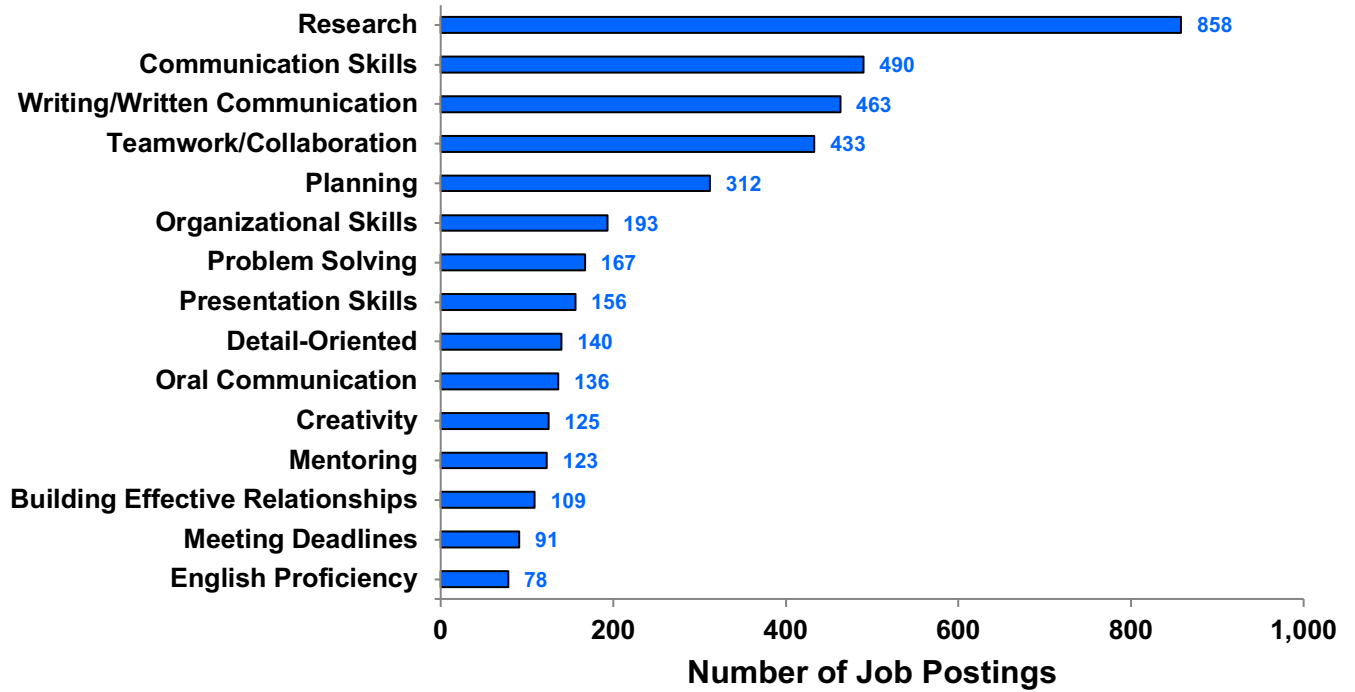
Job Titles: Policy 2021



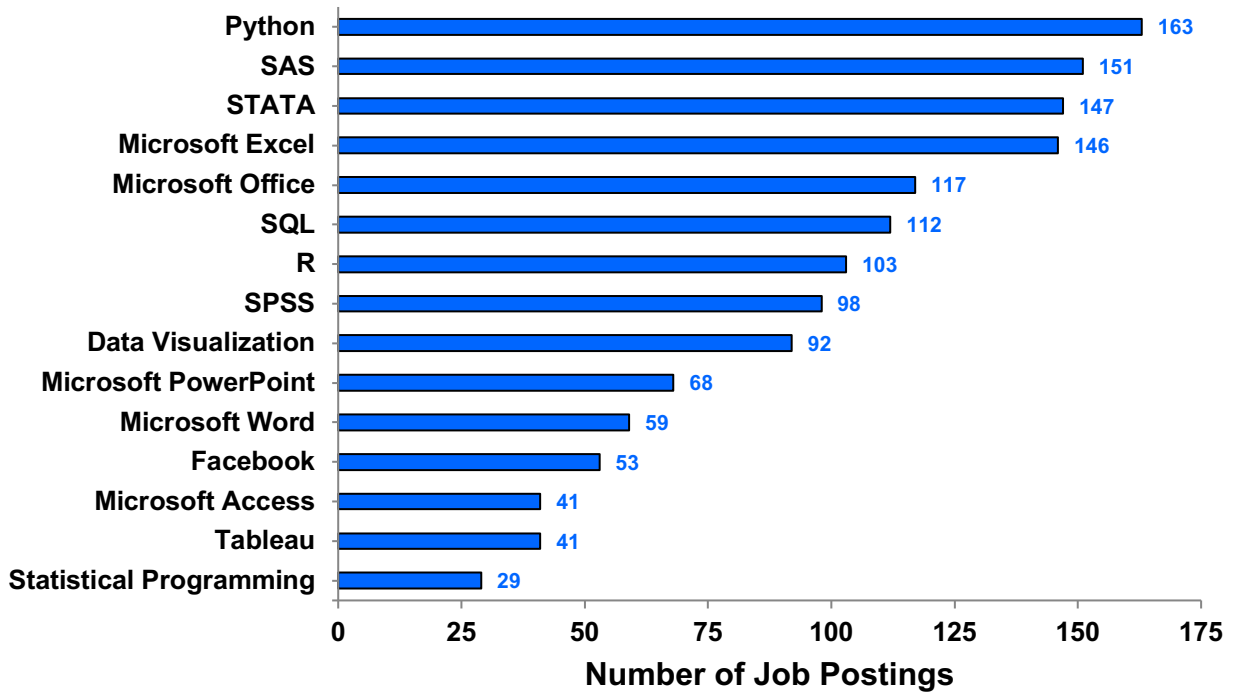
Specialized (Hard) Skills: Policy 2021



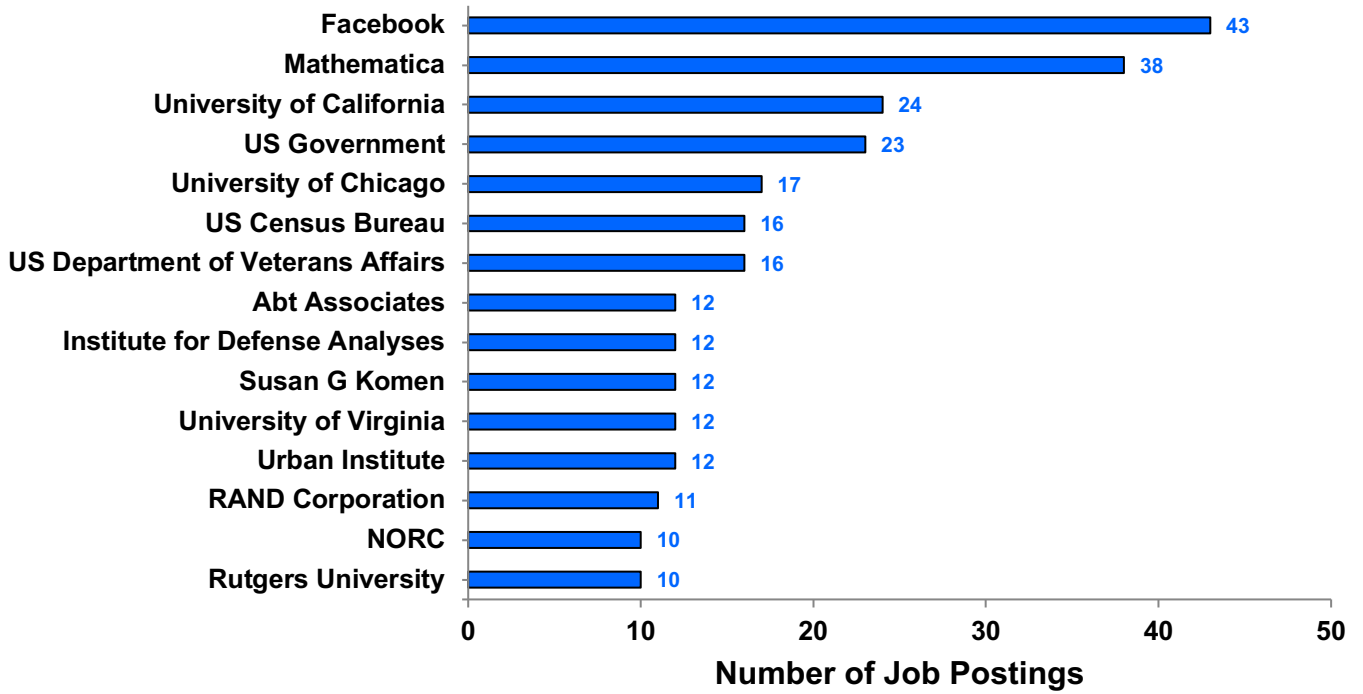
Baseline (Soft) Skills: Policy 2021



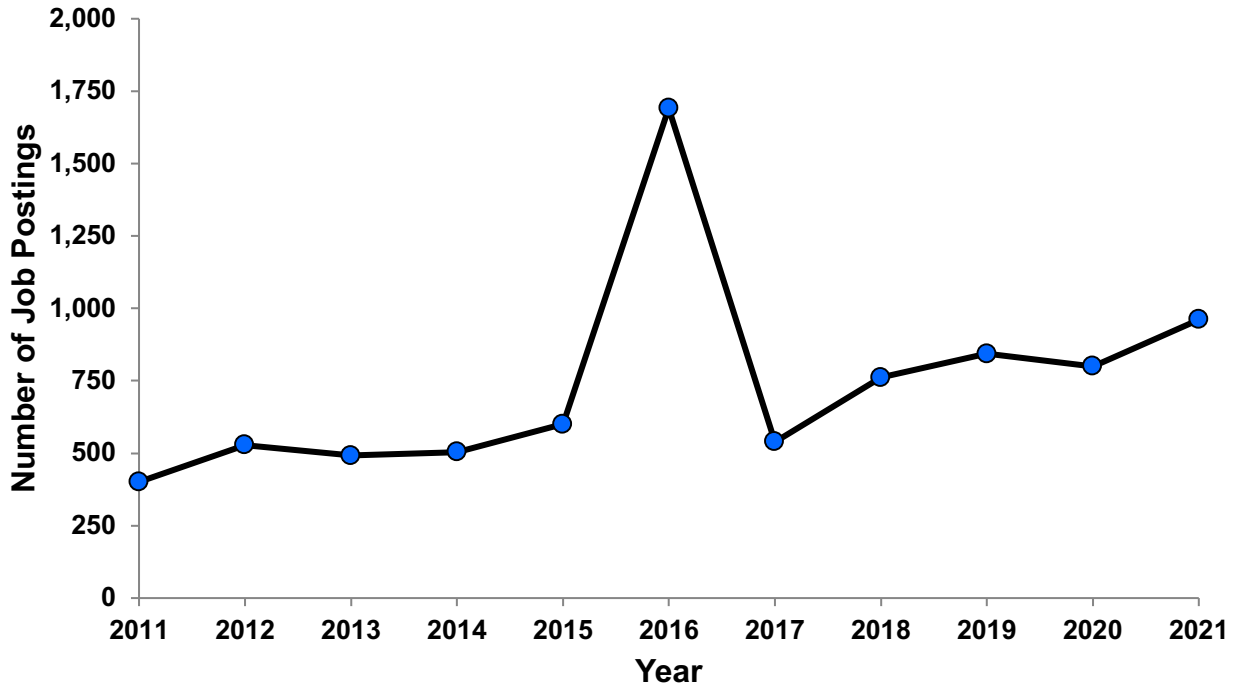
Computer Skills: Policy 2021



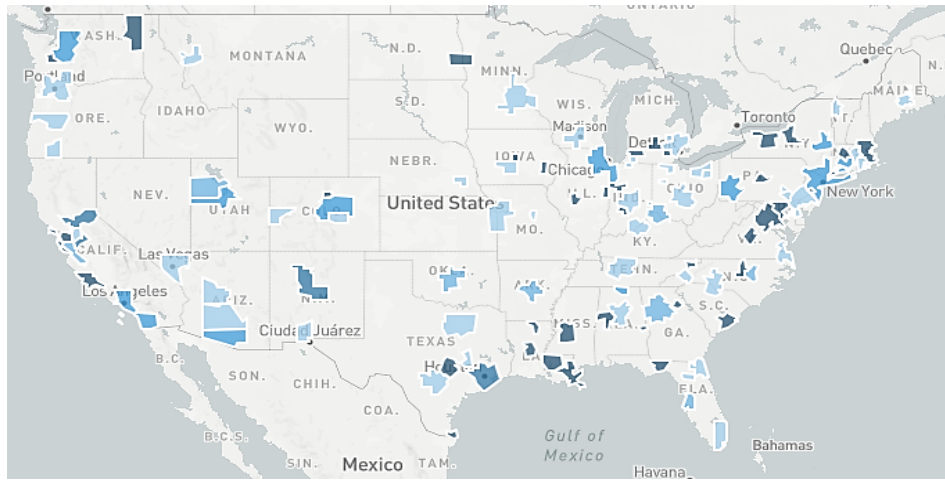
Employers: Policy 2021



Job Postings by Year: Policy 2011-2021



Demand Areas by MSA: Policy 2021

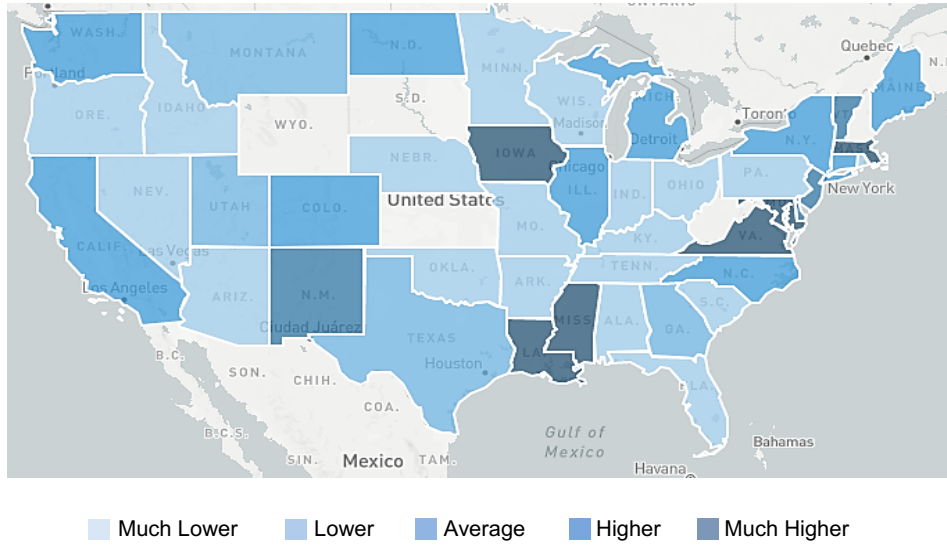


■ Much Lower
 ■ Lower
 ■ Average
 ■ Higher
 ■ Much Higher

Metropolitan Statistical Area (MSA)	Job Postings
Washington-Arlington-Alexandria, DC-VA-MD-WV	203
San Francisco-Oakland-Hayward, CA	64
New York-Newark-Jersey City, NY-NJ-PA	48
Boston-Cambridge-Nashua, MA-NH*	46
Los Angeles-Long Beach-Anaheim, CA	37
Chicago-Naperville-Elgin, IL-IN-WI	31
Baltimore-Columbia-Towson, MD	22
Denver-Aurora-Lakewood, CO	21
Houston-The Woodlands-Sugar Land, TX	20
Seattle-Tacoma-Bellevue, WA	20
Atlanta-Sandy Springs-Roswell, GA	18
Austin-Round Rock, TX	17
Durham-Chapel Hill, NC	16
Trenton, NJ	16
Dallas-Fort Worth-Arlington, TX	15

*Metropolitan NECTA (New England City and Town Area)

Demand Areas by State: Policy 2021



State	Job Postings
California	142
Maryland	91
District of Columbia	86
Virginia	60
Texas	58
Massachusetts	55
New York	50
Illinois	33
New Jersey	30
North Carolina	30
Colorado	29
Washington	28
Michigan	24
Georgia	22
Louisiana	20