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

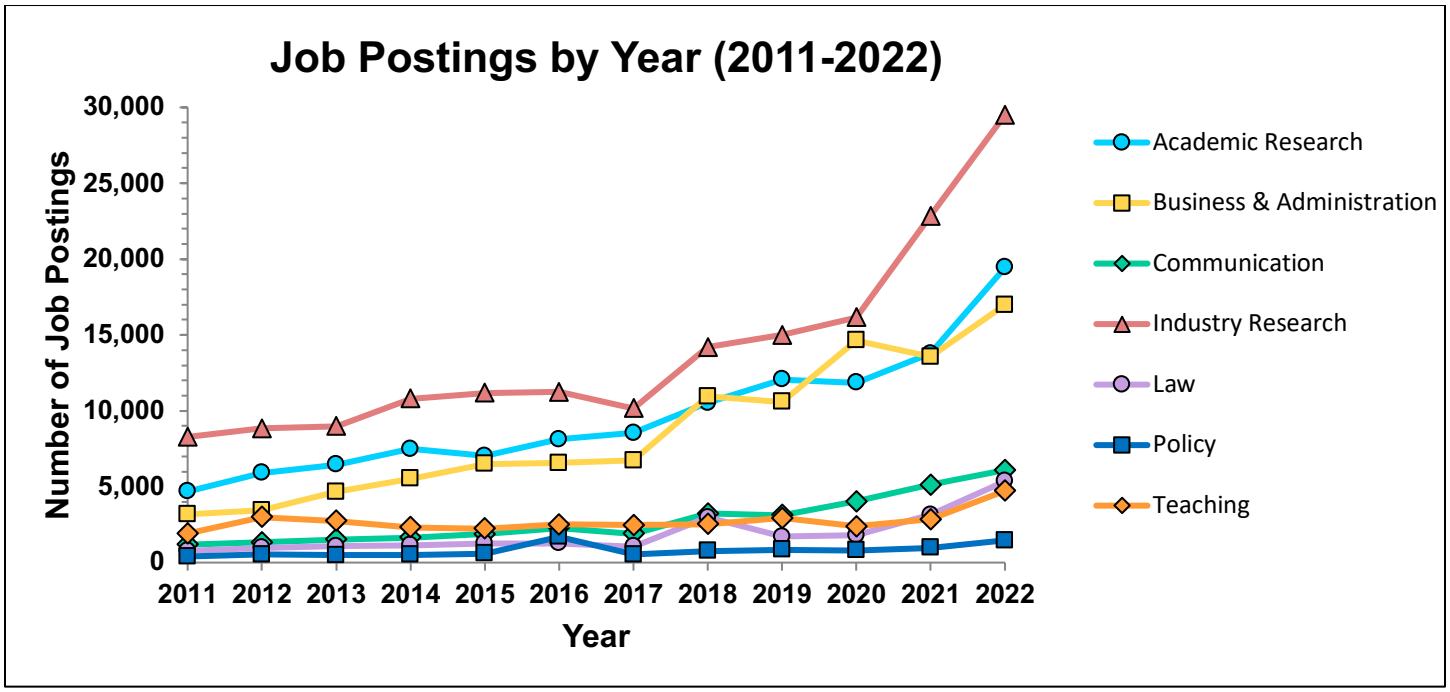
All searches were performed such that the reported jobs require or prefer that the applicant earned a PhD.

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.

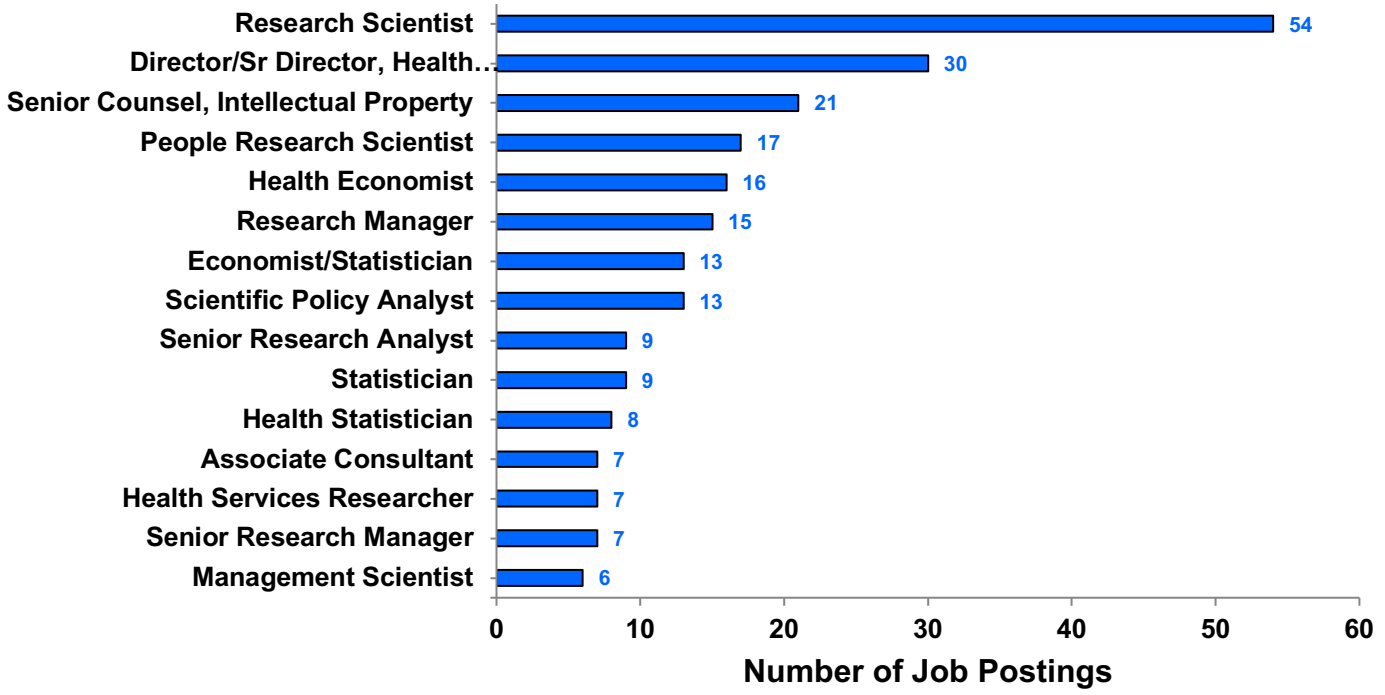
Career Paths:
Job Trends Summary



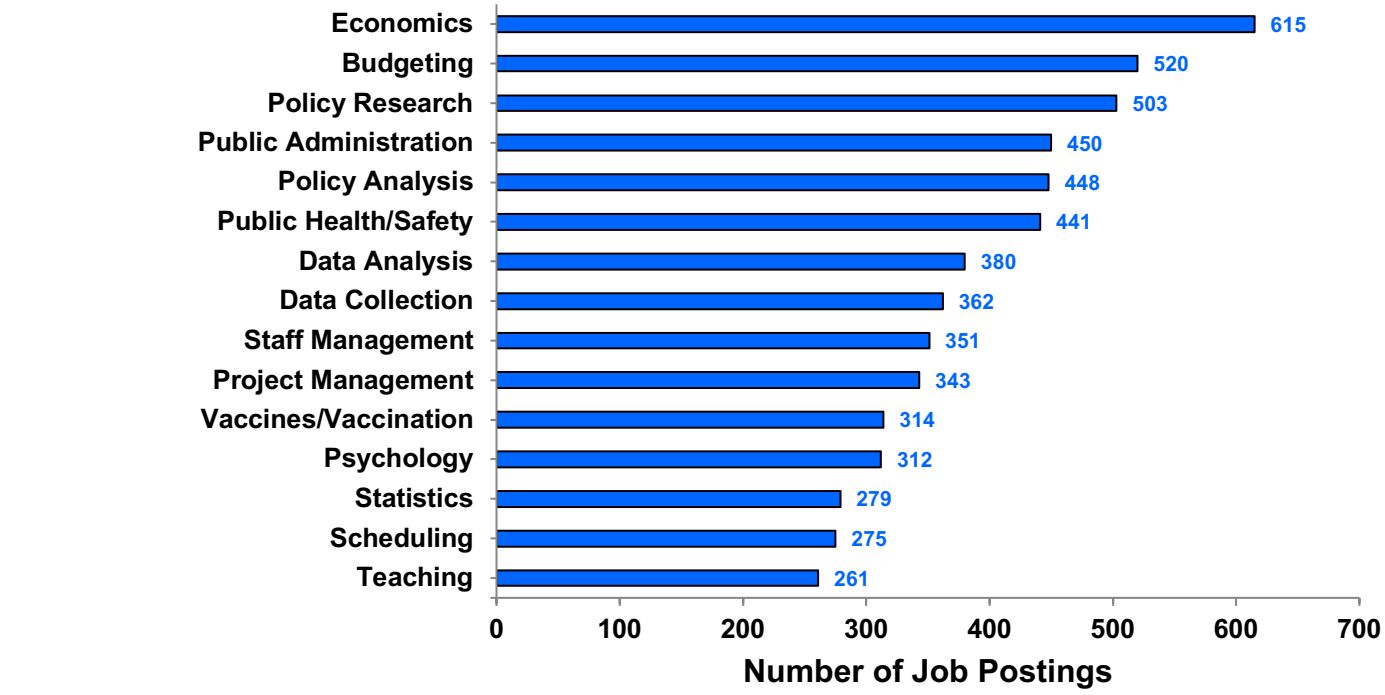
Policy

Number of job postings (nationwide): 1,464

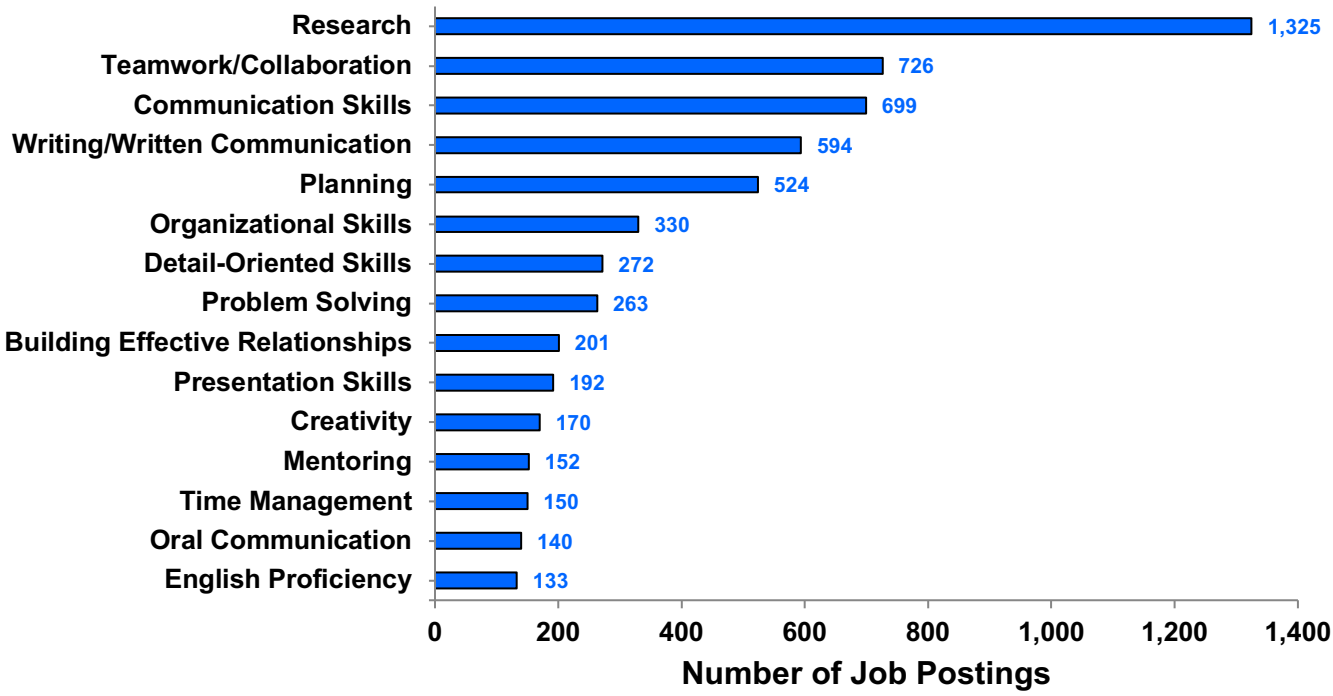
Job Titles: Policy 2022



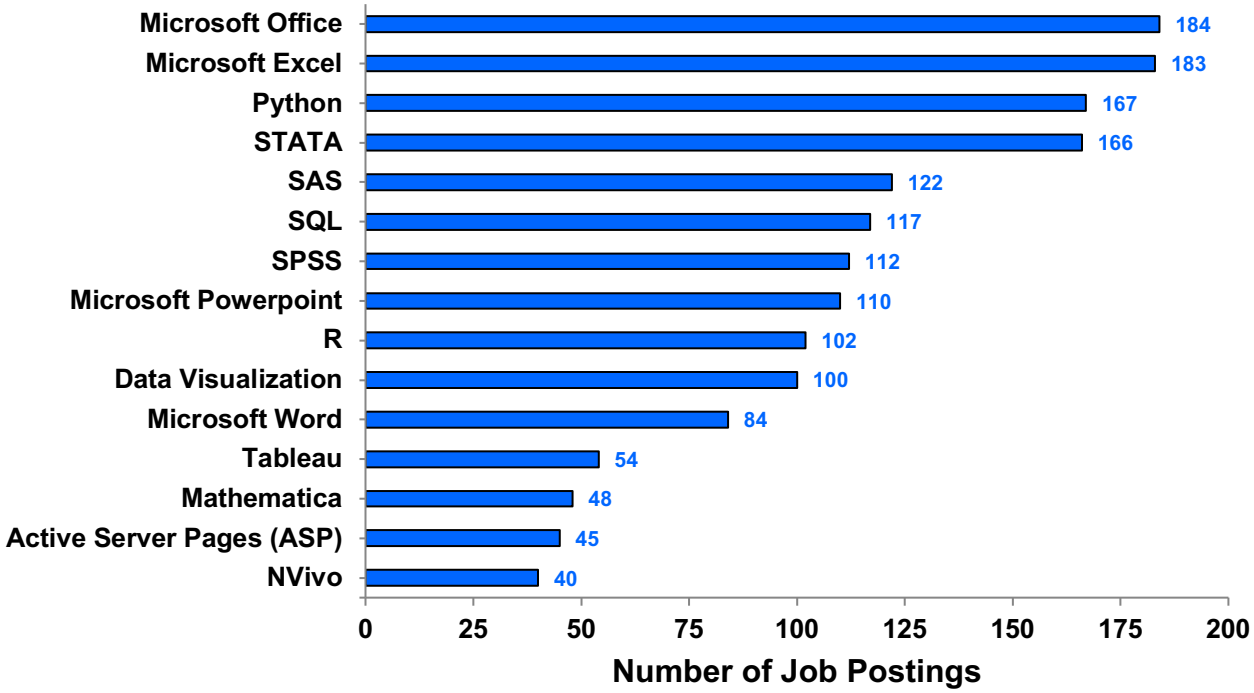
Specialized (Hard) Skills: Policy 2022

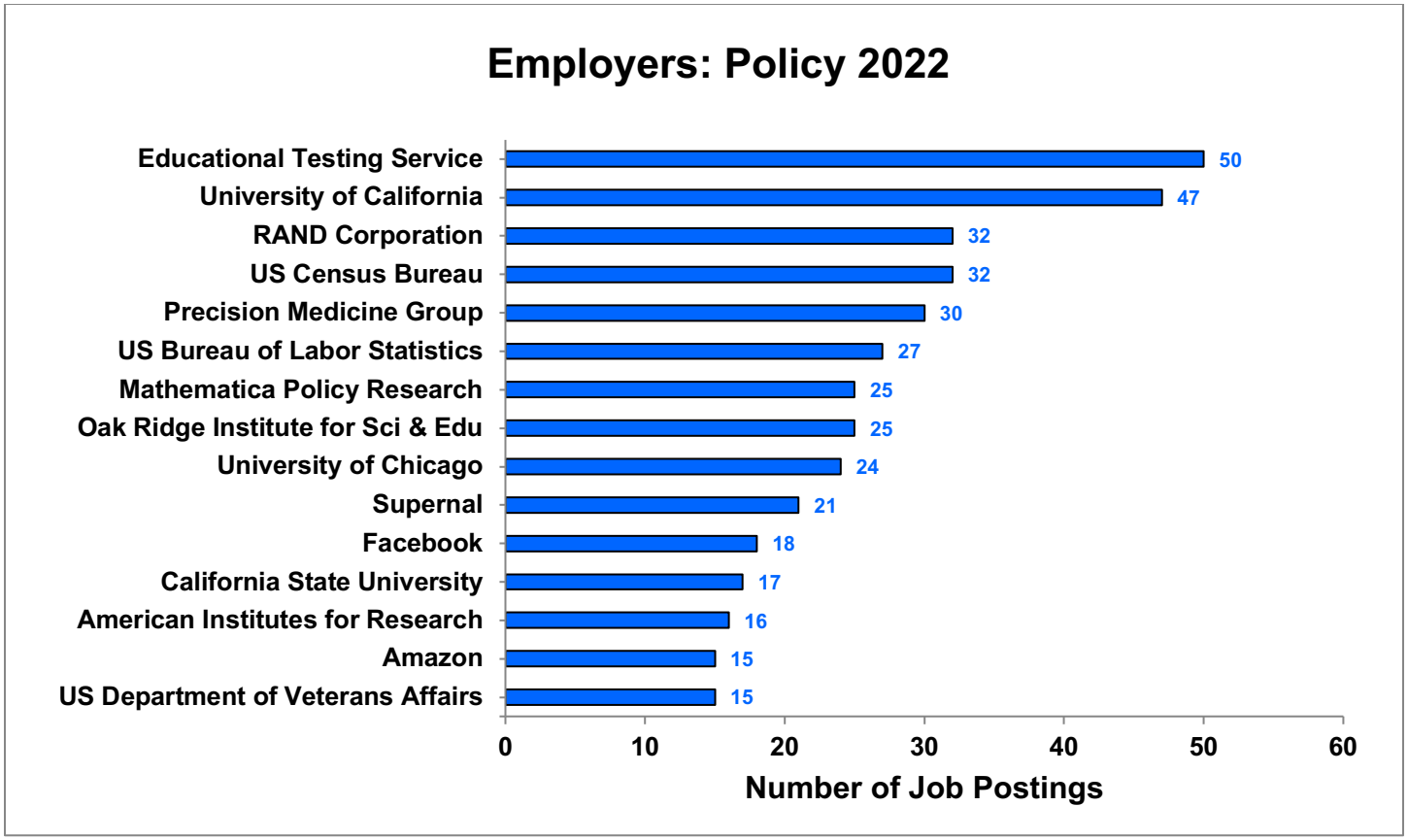


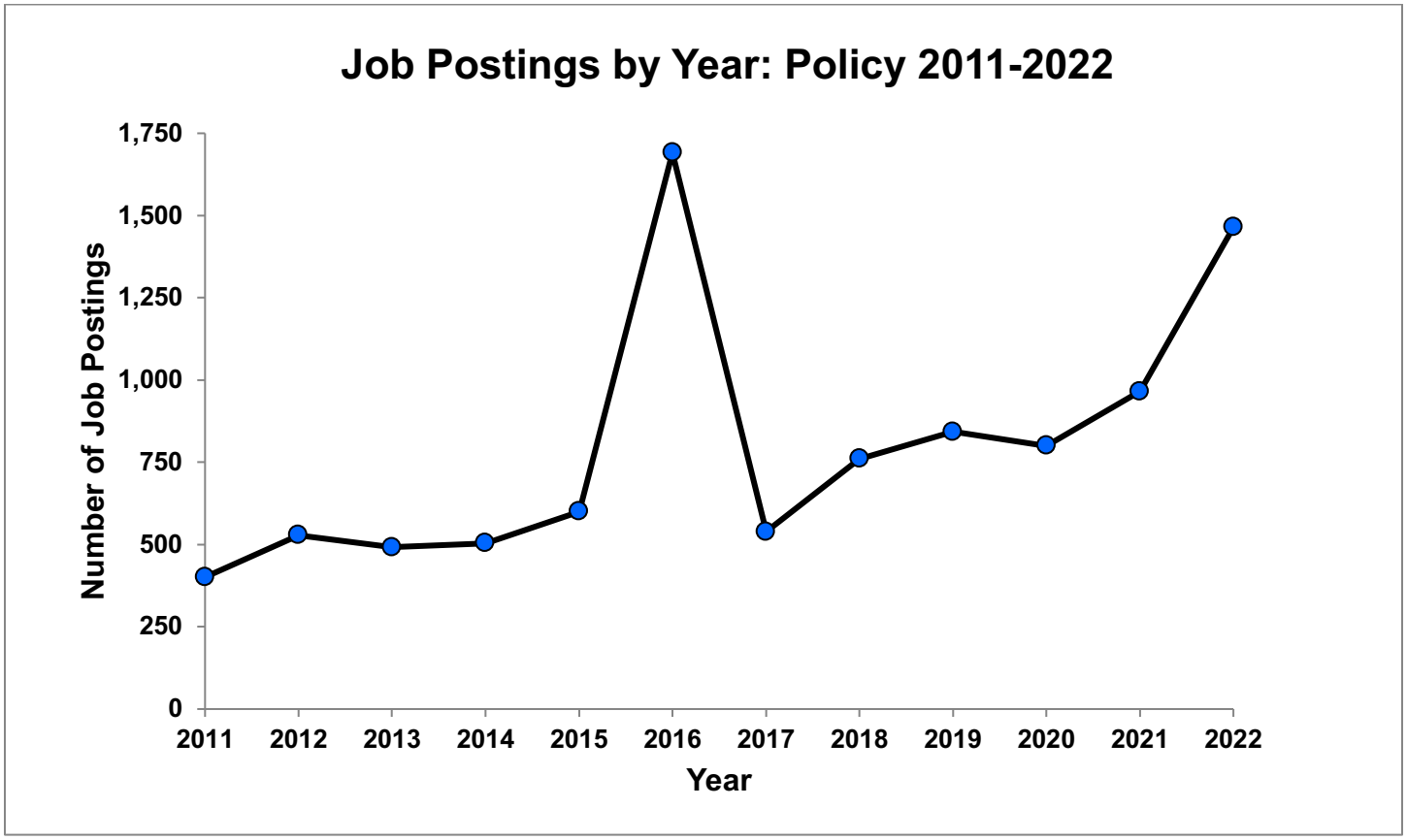
Baseline (Soft) Skills: Policy 2022



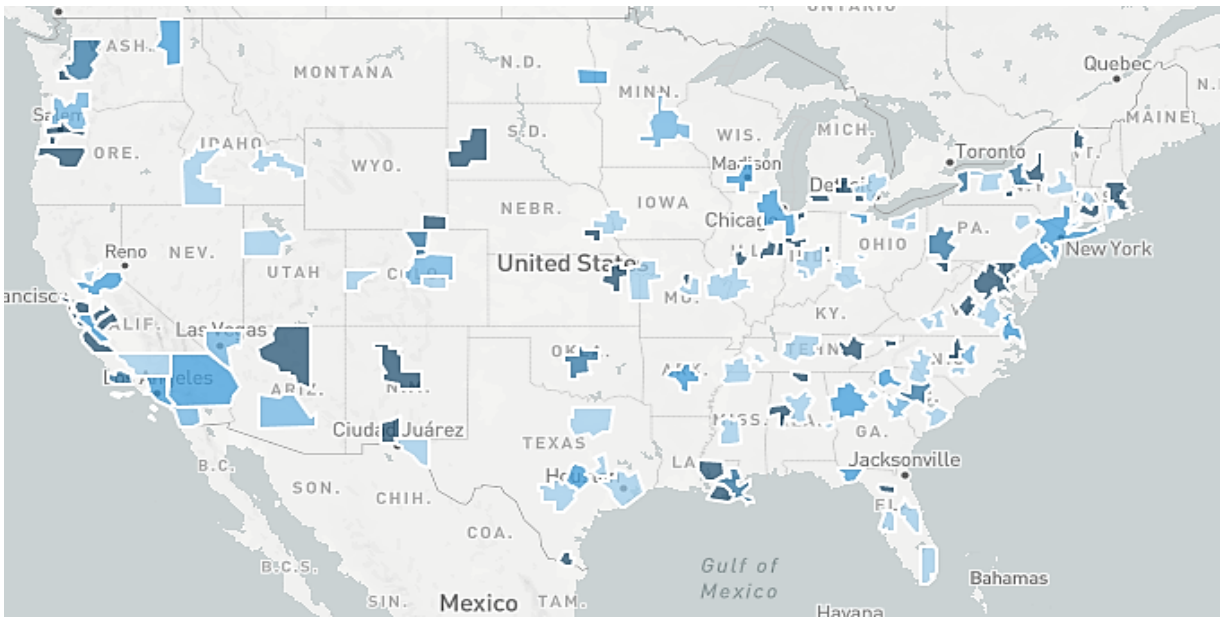
Computer Skills: Policy 2022




Employers: Policy 2022
Educational Testing Service
University of California
RAND Corporation
US Census Bureau
Precision Medicine Group
US Bureau of Labor Statistics
Mathematica Policy Research
Oak Ridge Institute for Sci & Edu
University of Chicago
Supernal
Facebook
California State University
American Institutes for Research
Amazon
US Department of Veterans Affairs
50
47
32
32
30
27
25
25
24
21
18
17
16
15
15
0
10
20
30
40
50
60
Number of Job Postings


Job Postings by Year: Policy 2011-2022
Number of Job Postings
1,750
1,500
1,250
1,000
750
500
250
0
2011
2012
2013
2014
2015
2016
2017
2018
2019
2020
2021
2022
Year

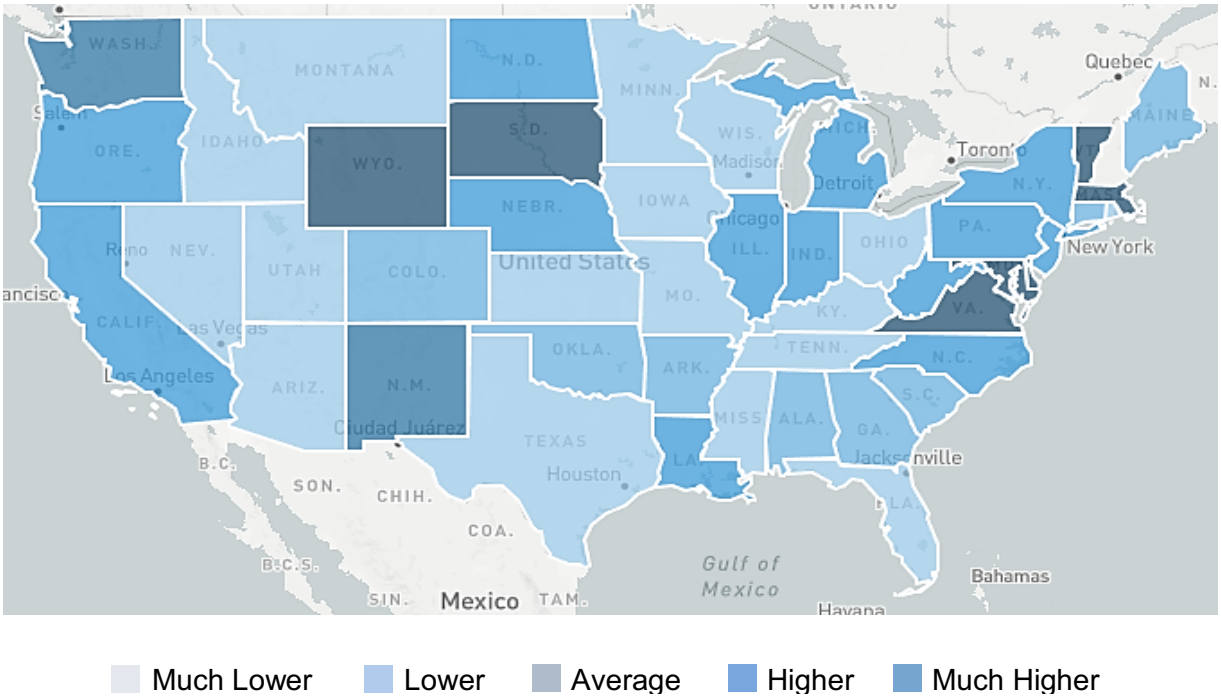
Demand Areas by MSA: Policy 2022



Metropolitan Statistical Area (MSA)	Job Postings
Washington-Arlington-Alexandria, DC-VA-MD-WV	224
Boston-Cambridge-Nashua, MA-NH*	94
Los Angeles-Long Beach-Anaheim, CA	75
New York-Newark-Jersey City, NY-NJ-PA	69
San Francisco-Oakland-Hayward, CA	68
Chicago-Naperville-Elgin, IL-IN-WI	47
Atlanta-Sandy Springs-Roswell, GA	33
Seattle-Tacoma-Bellevue, WA	33
Philadelphia-Camden-Wilmington, PA-NJ-DE-MD	32
Baltimore-Columbia-Towson, MD	30
Durham-Chapel Hill, NC	27
Dallas-Fort Worth-Arlington, TX	25
Phoenix-Mesa-Scottsdale, Az	23
Austin-Round Rock, TX	19
Denver-Aurora-Lakewood, CO	18

*Metropolitan NECTA (New England City and Town Area)

Demand Areas by State: Policy 2022



State	Job Postings
California	231
Maryland	109
Massachusetts	99
Virginia	87
District of Columbia	86
Texas	77
New York	71
Illinois	54
Washington	47
North Carolina	43
Pennsylvania	40
Michigan	39
Georgia	38
Indiana	36
New Jersey	35