

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

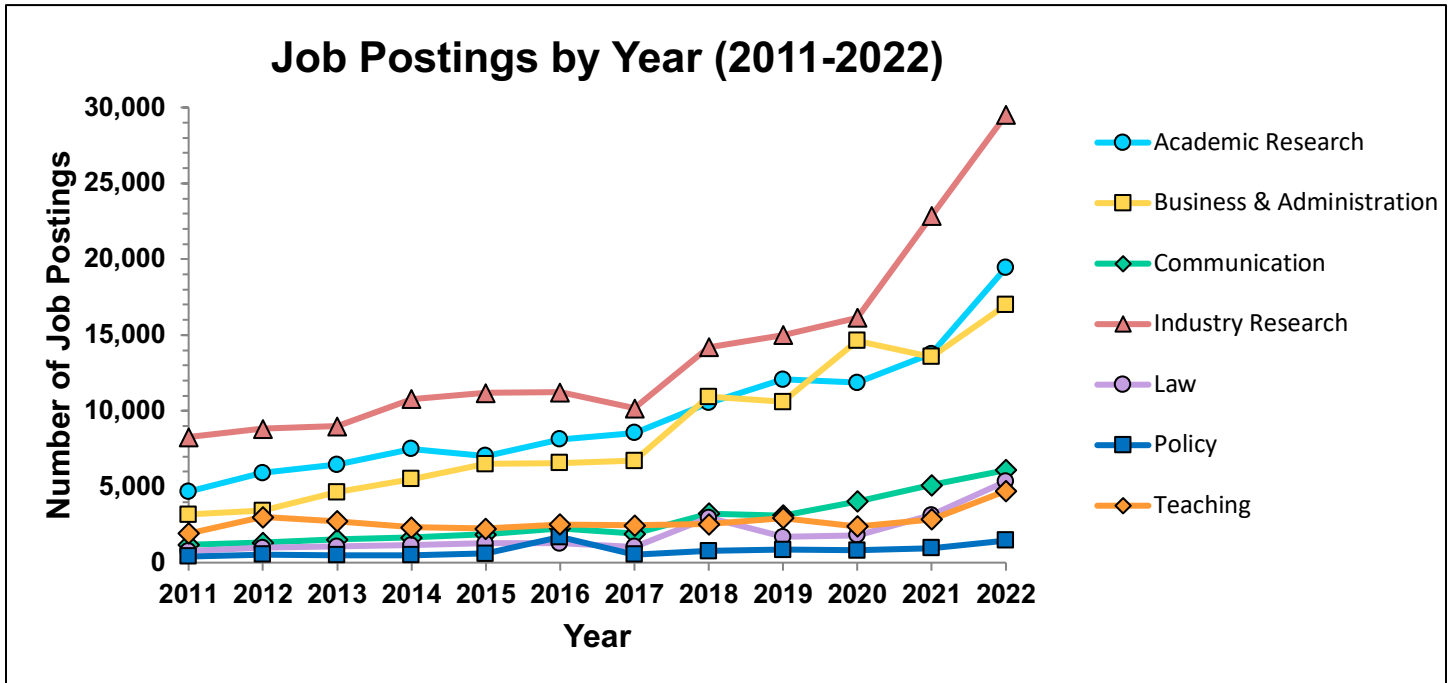
All searches were performed such that the reported jobs require or prefer that the applicant earned a PhD.

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 mid-sized companies hiring small numbers of employees might not be listed in “top employers” but should not be ruled out.

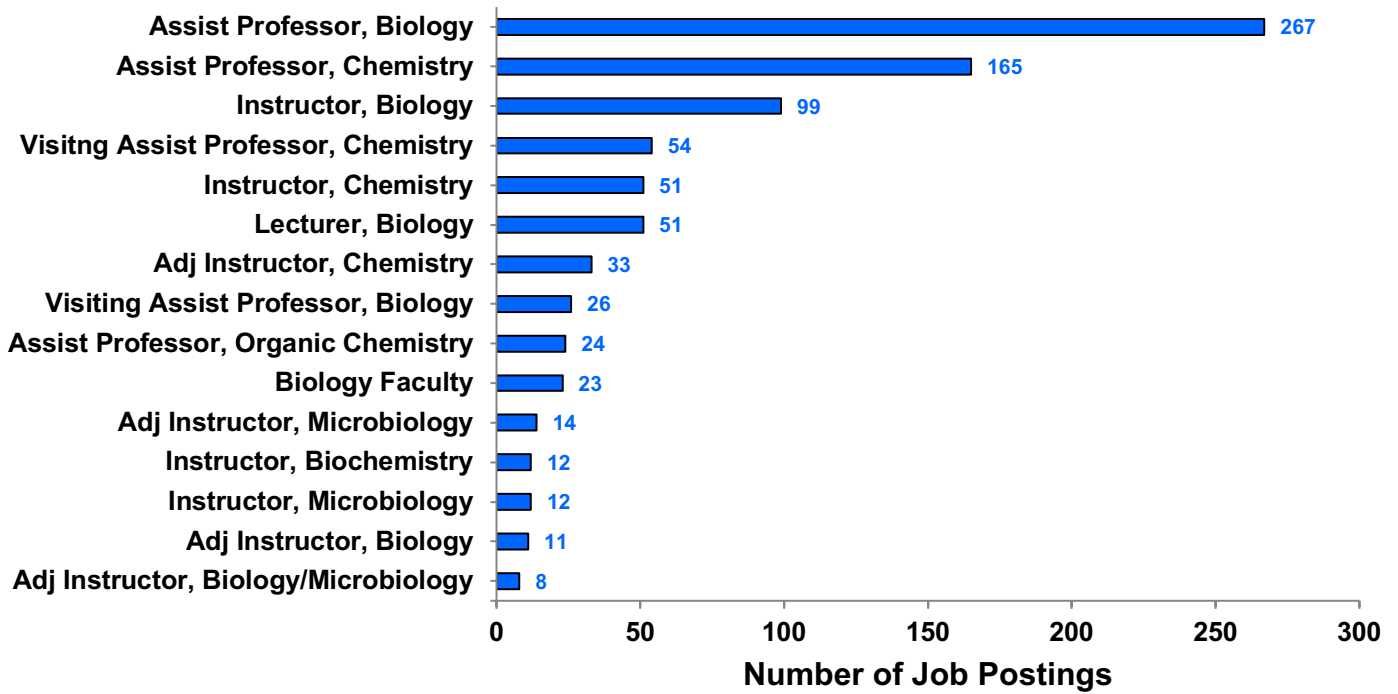
Career Paths: Job Trends Summary



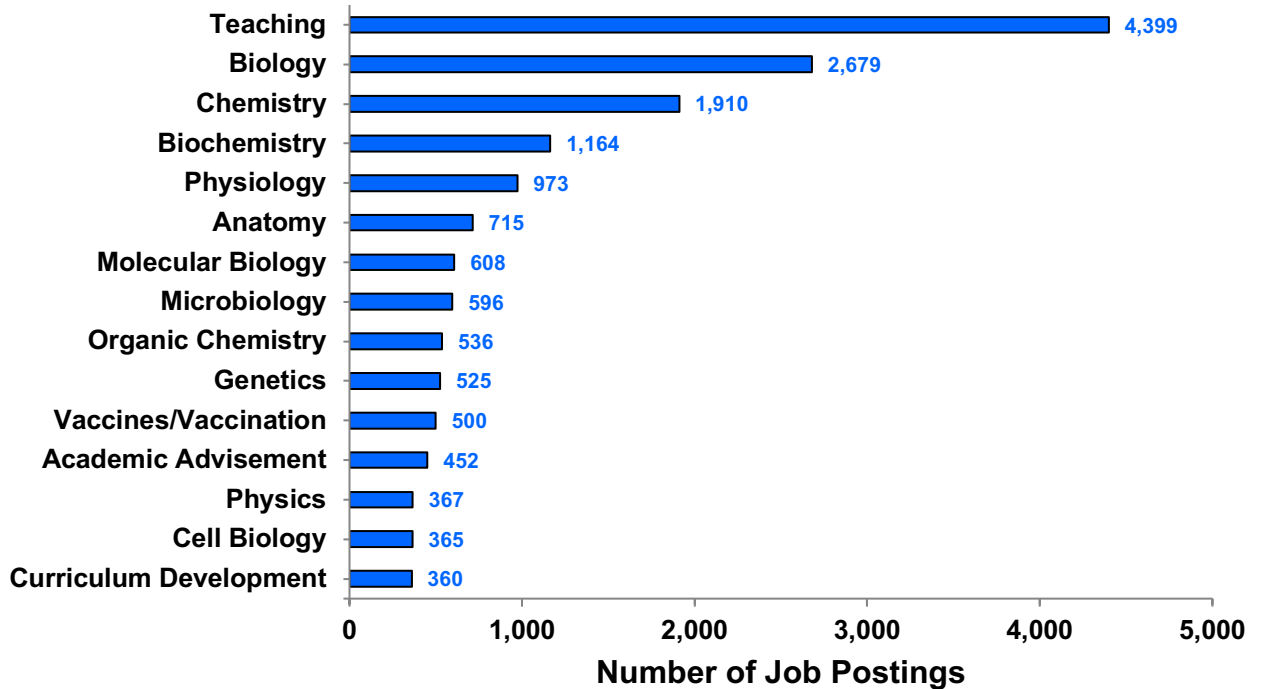
Teaching

Number of job postings (nationwide):
4,730

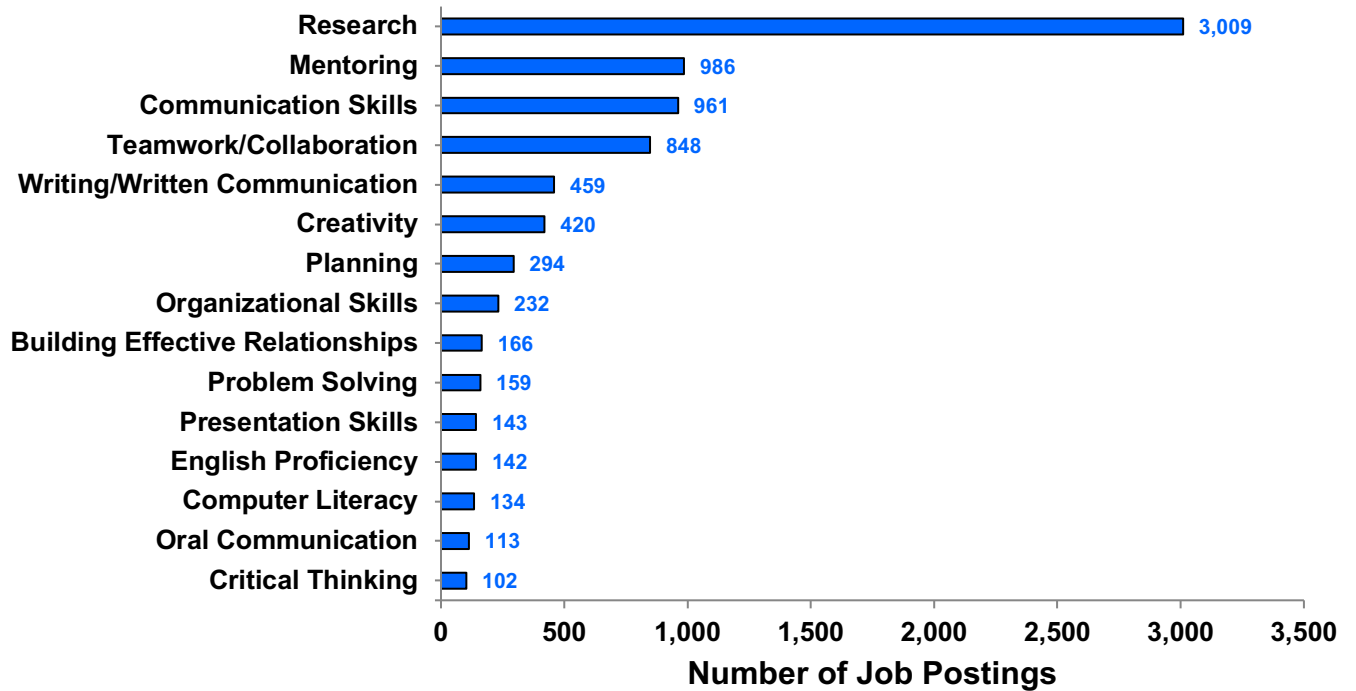
Job Titles: Teaching 2022



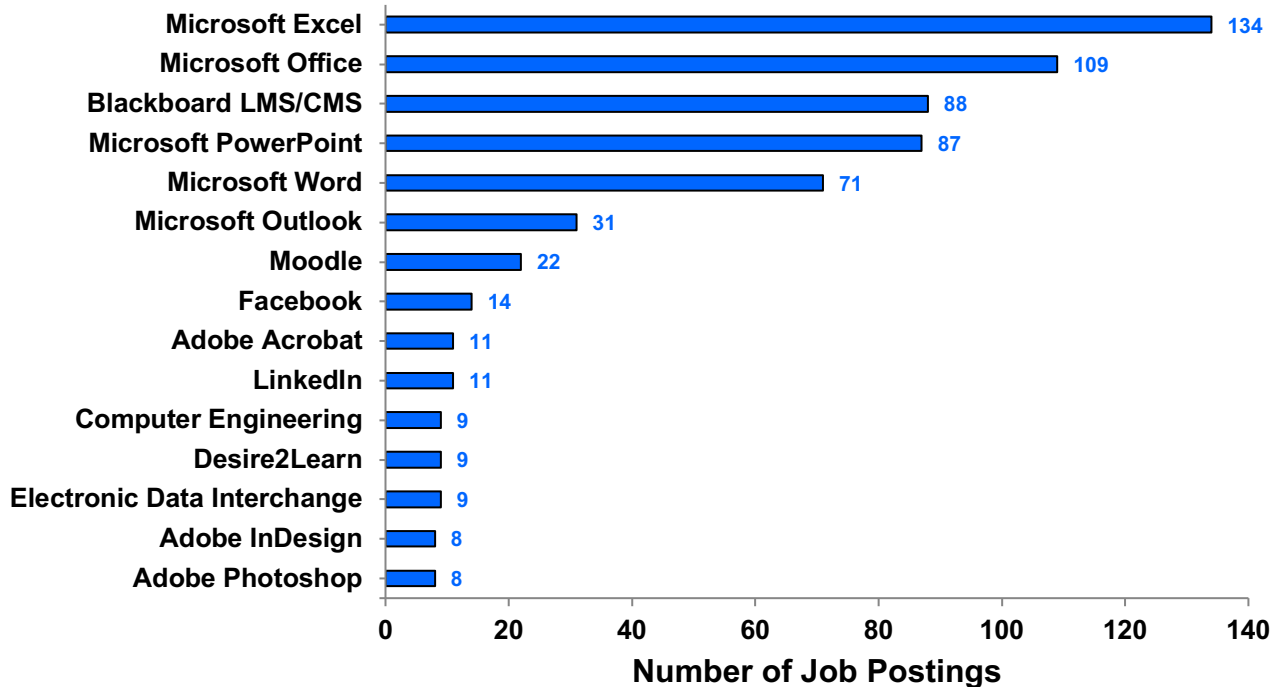
Specialized (Hard) Skills: Teaching 2022



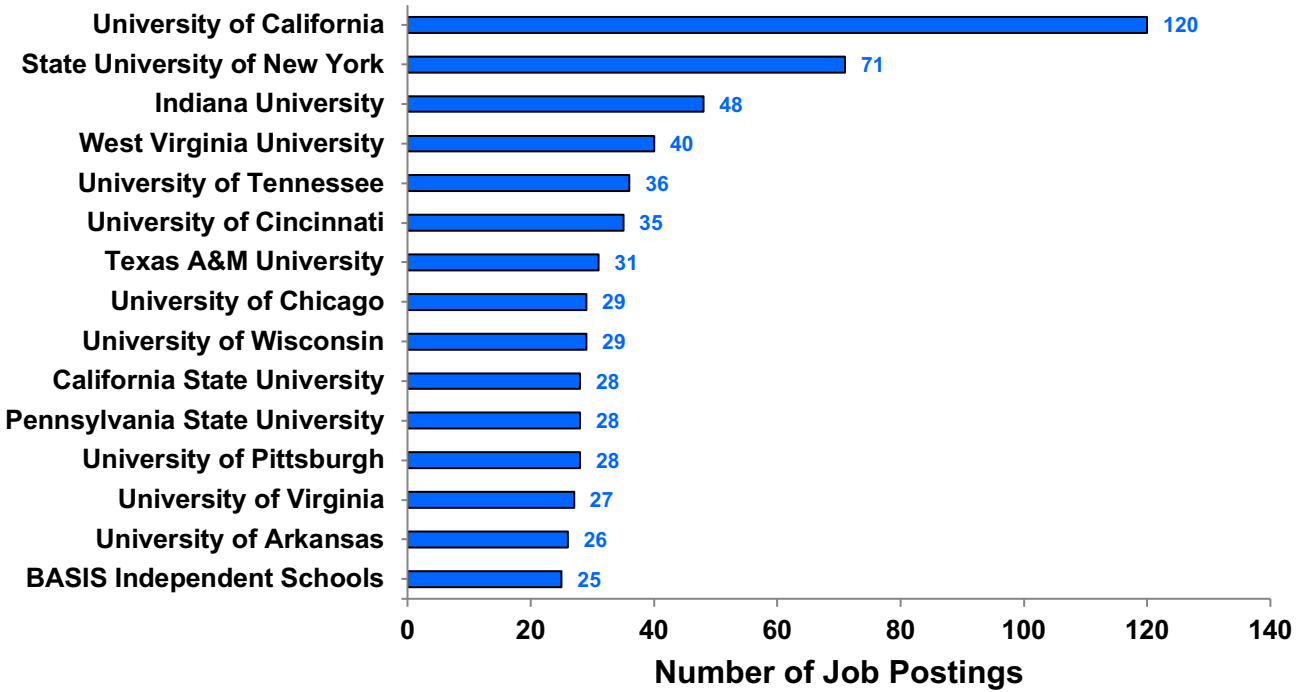
Baseline (Soft) Skills: Teaching 2022



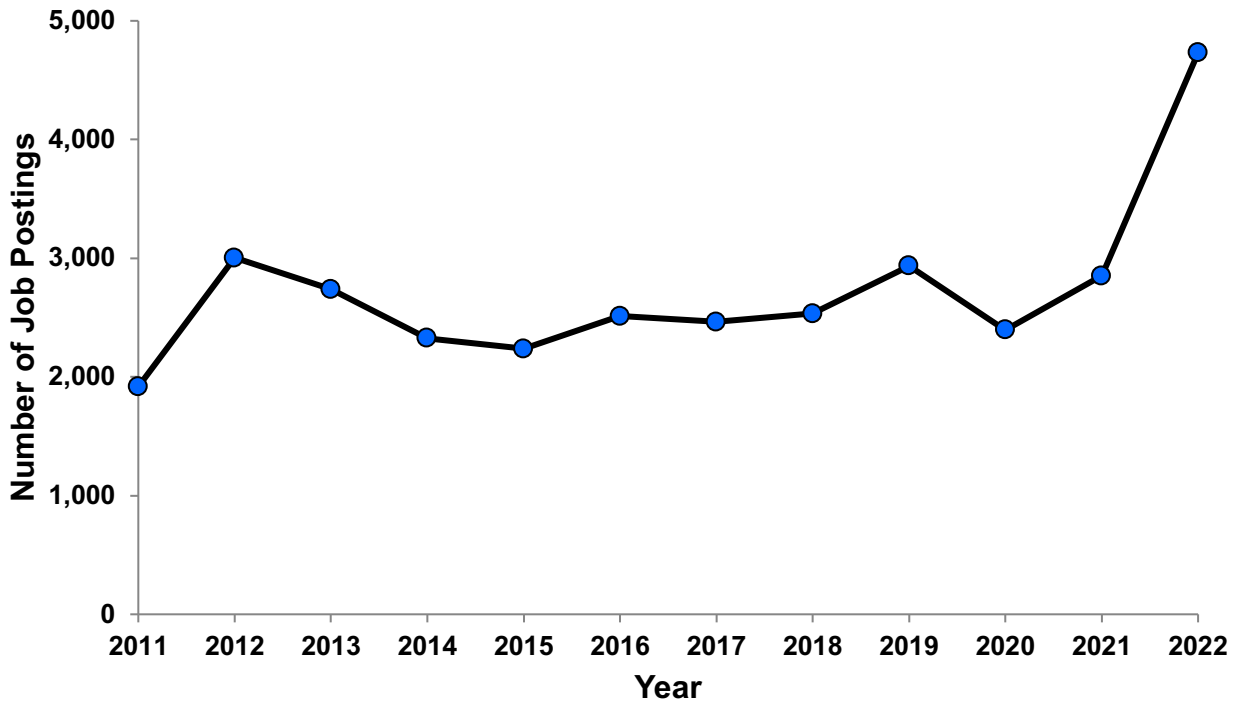
Computer Skills: Teaching 2022



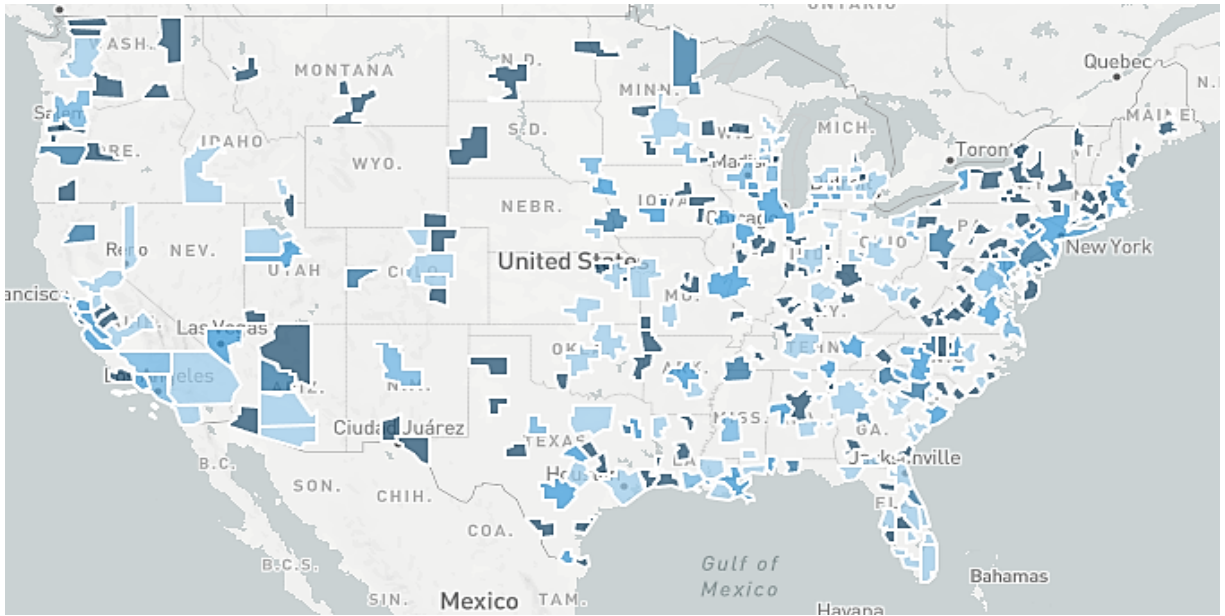
Employers: Teaching 2022



Job Postings by Year: Teaching 2011-2022



Demand Areas by MSA: Teaching 2022

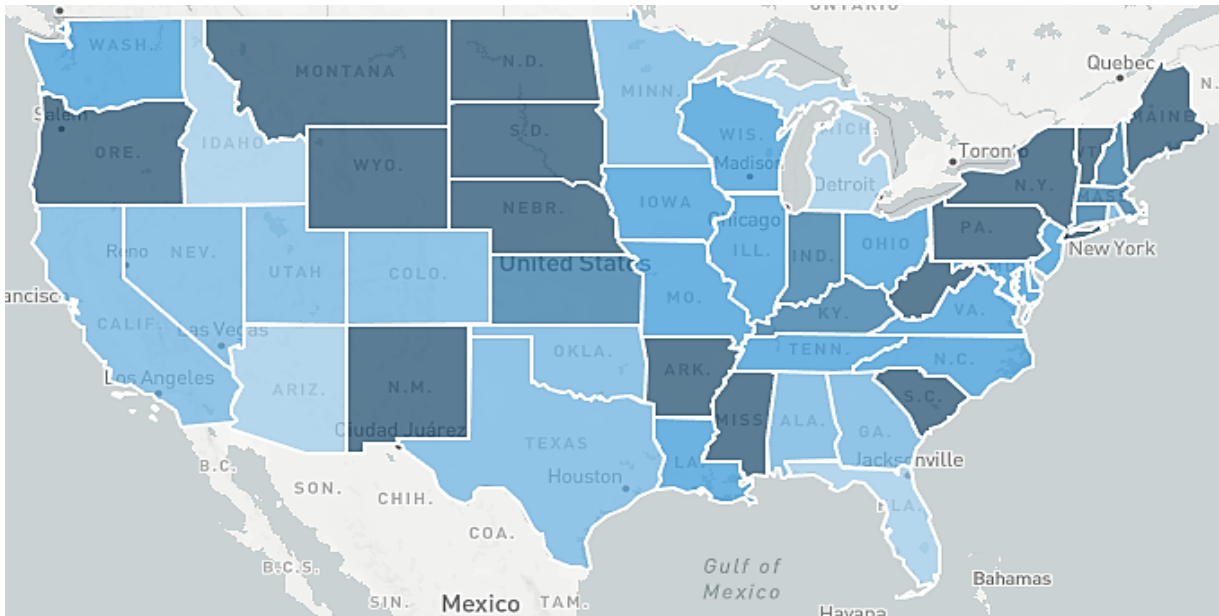


Much Lower
 Lower
 Average
 Higher
 Much Higher

| Metropolitan Statistical Area (MSA) | Job Postings |
|----------------------------------------------|--------------|
| New York-Newark-Jersey City, NY-NJ-PA | 263 |
| Los Angeles-Long Beach-Anaheim, CA | 146 |
| Chicago-Naperville-Elgin, IL-IN-WI | 142 |
| Philadelphia-Camden-Wilmington, PA-NJ-DE-MD | 124 |
| Boston-Cambridge-Nashua, MA-NH* | 116 |
| San Francisco-Oakland-Hayward, CA | 96 |
| Washington-Arlington-Alexandria, DC-VA-MD-WV | 74 |
| Cincinnati, OH-KY-IN | 65 |
| Atlanta-Sandy Springs-Roswell, GA | 57 |
| Miami-Fort Lauderdale-West Palm Beach, FL | 57 |
| Charlotte-Concord-Gastonia, NC-SC | 53 |
| Pittsburgh, PA | 51 |
| Houston-The Woodlands-Sugar Land, TX | 49 |
| San Jose-Sunnyvale-Santa Clara, CA | 48 |
| St. Louis, MO-IL | 46 |

*Metropolitan NECTA (New England City and Town Area)

Demand Areas by State: Teaching 2022



Much Lower
 Lower
 Average
 Higher
 Much Higher

| State | Job Postings |
|----------------|--------------|
| California | 468 |
| New York | 324 |
| Texas | 300 |
| Pennsylvania | 285 |
| Florida | 190 |
| Massachusetts | 185 |
| North Carolina | 178 |
| Illinois | 177 |
| Ohio | 148 |
| Virginia | 139 |
| Indiana | 138 |
| Georgia | 119 |
| New Jersey | 114 |
| Oregon | 112 |
| Washington | 105 |