

BU's BEST

Biomedical Workforce Data 2019



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*These data can also be found online at www.bu.edu/BEST.
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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 doesn't necessarily match the exact values reported in previous years. For the sake of consistency, each search was rerun for all the years reported (2011-2019) with the identical search terms so that the values can be compared with the most recent data.

Workflow

1. Craft a search based on various criteria: industry, job type, required credentials, skill demand, experience, location, etc.
2. View reports: top employers, top job titles, top job skills, education/credentials, job demand maps, job trends, etc.

Notes

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

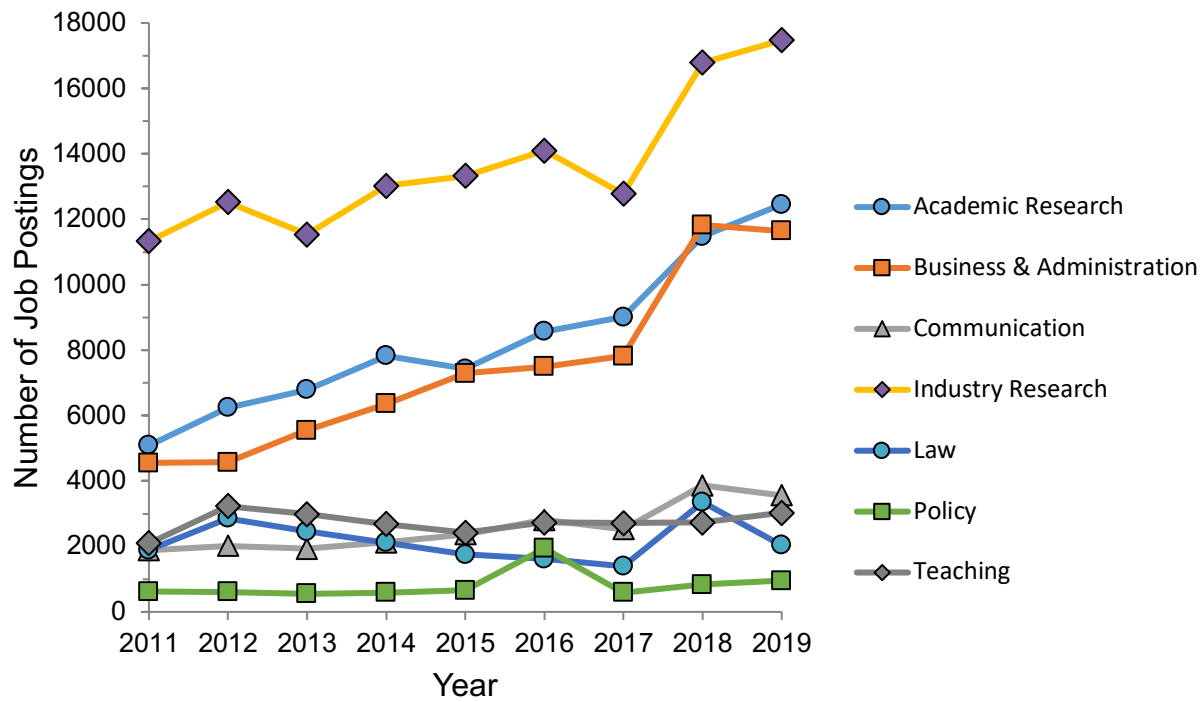
Caveats & Disclaimers

Date ranges are January 2019 – December 2019 for job searches.

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

Career Paths: Job Trends Summary

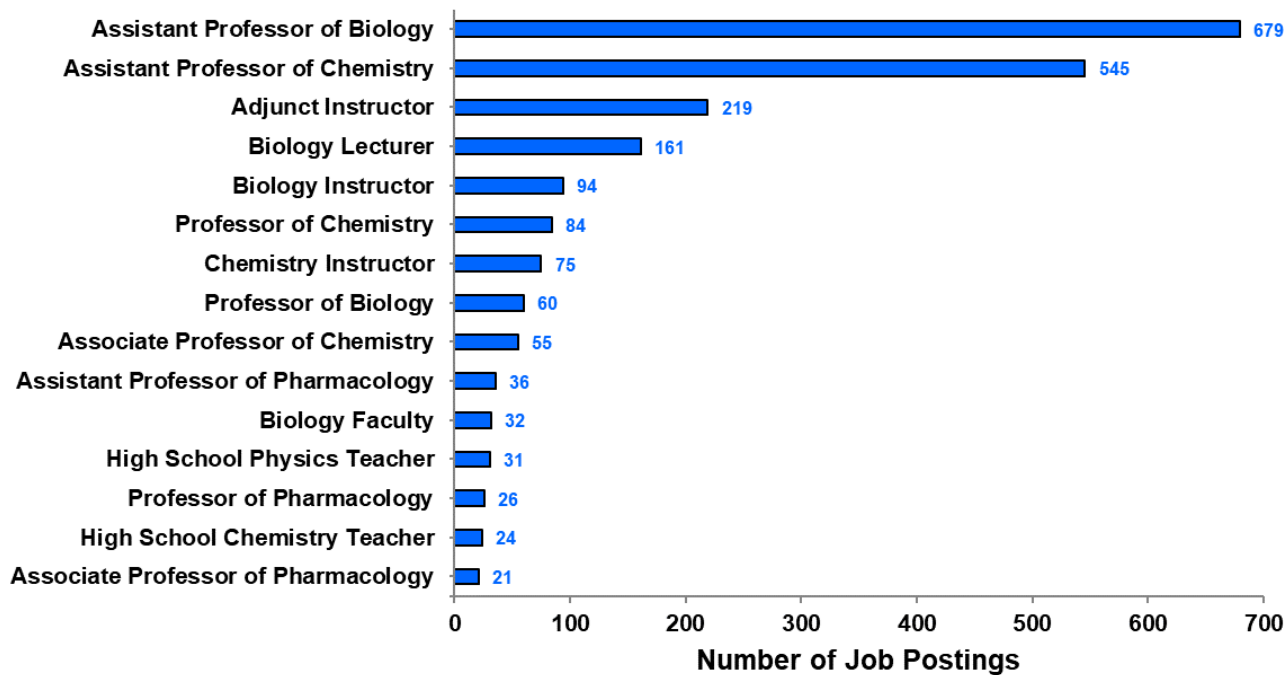
Job postings by year



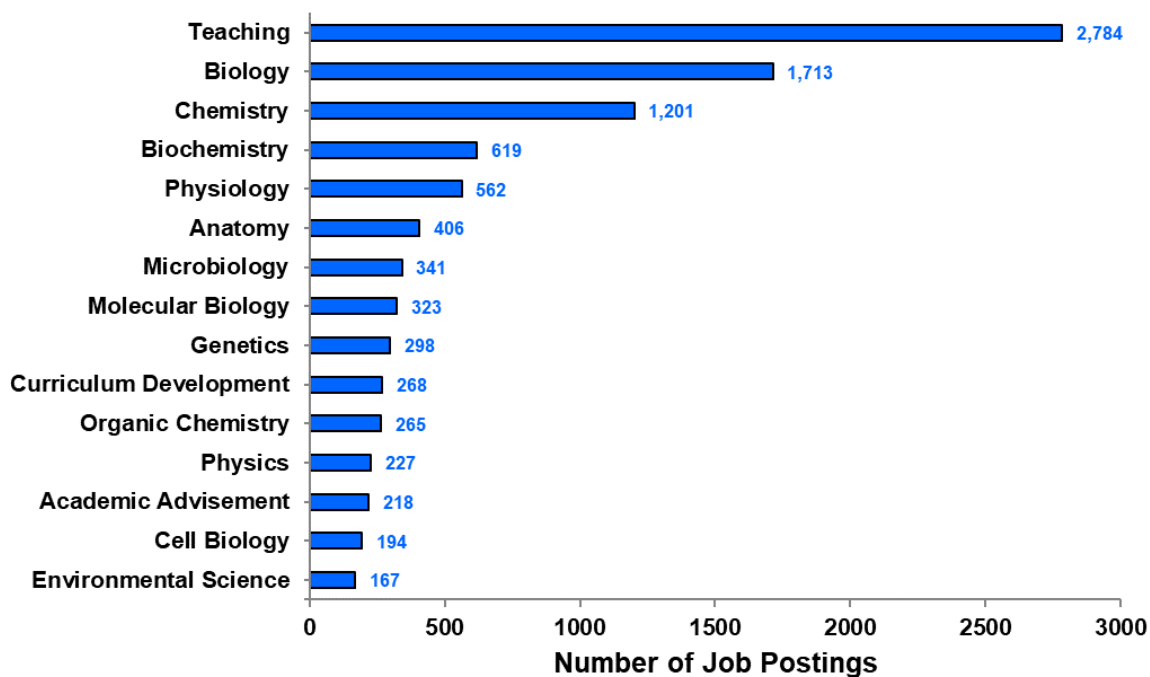
Teaching

Number of job postings (nationwide):
3,028

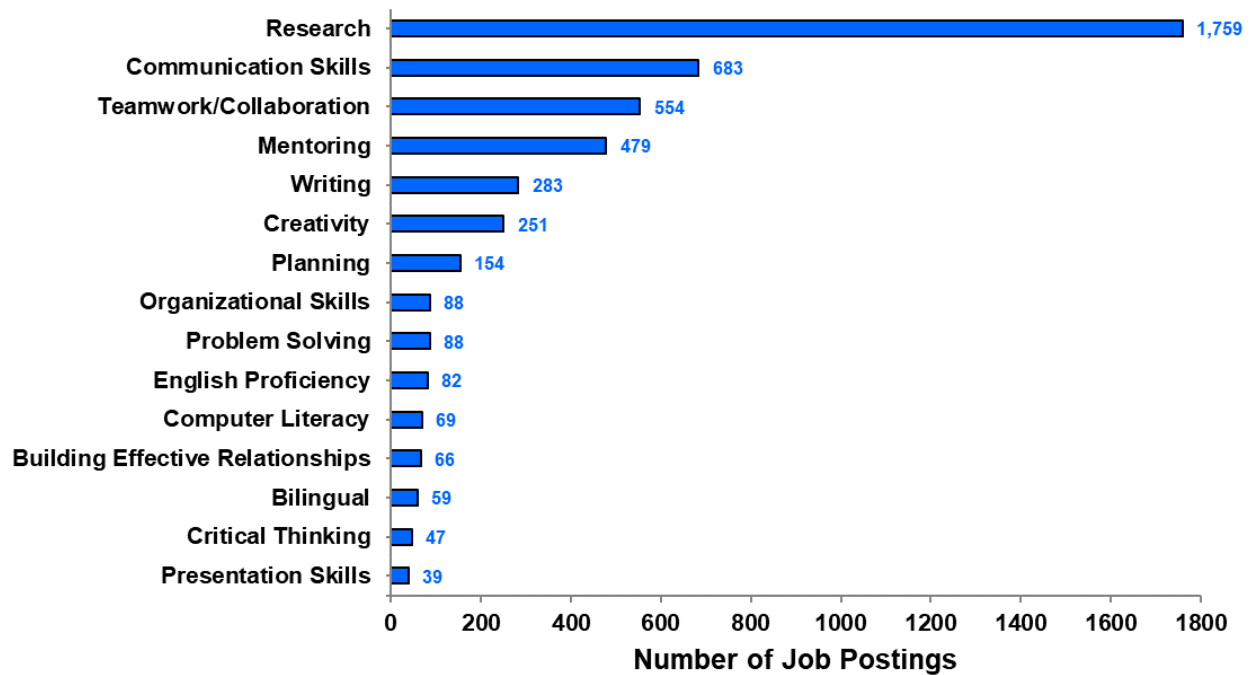
Top Job Titles: Teaching 2019



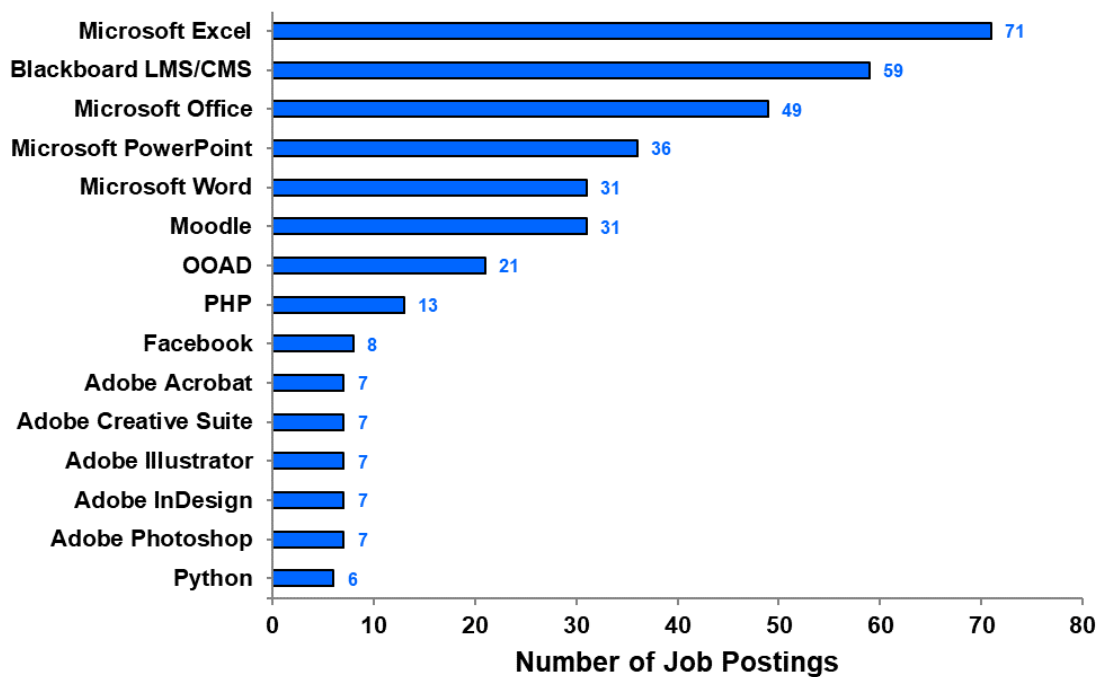
Specialized (Hard) Skills: Teaching 2019



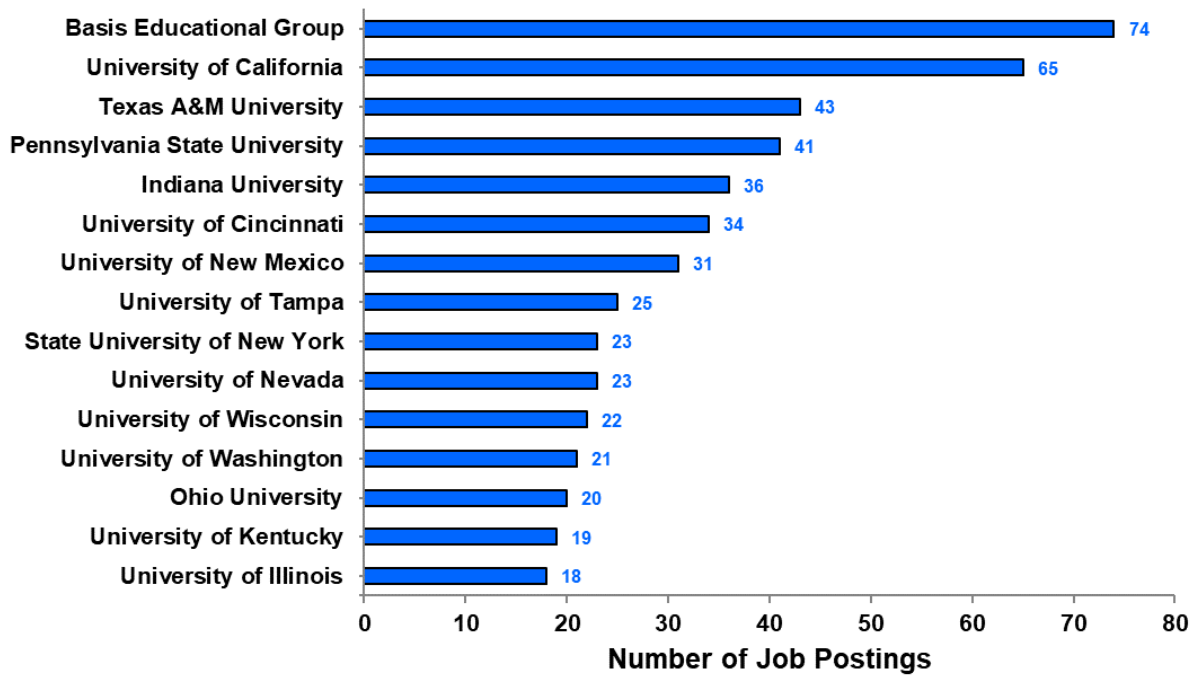
Baseline (Soft) Skills: Teaching 2019



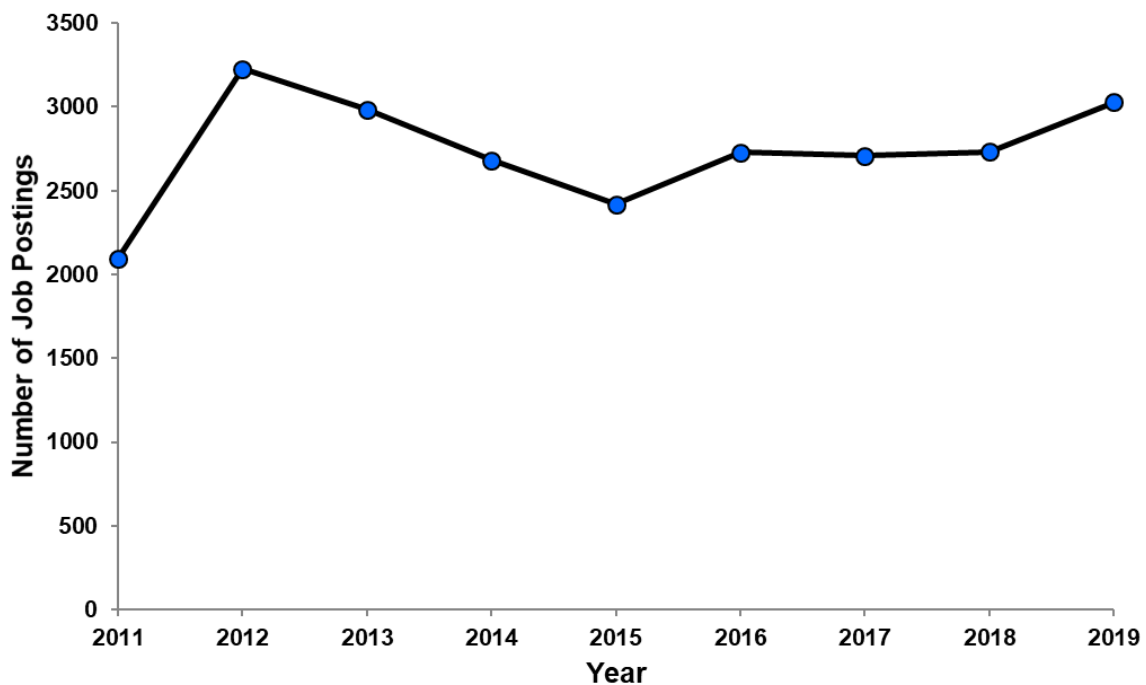
Computer Skills: Teaching 2019



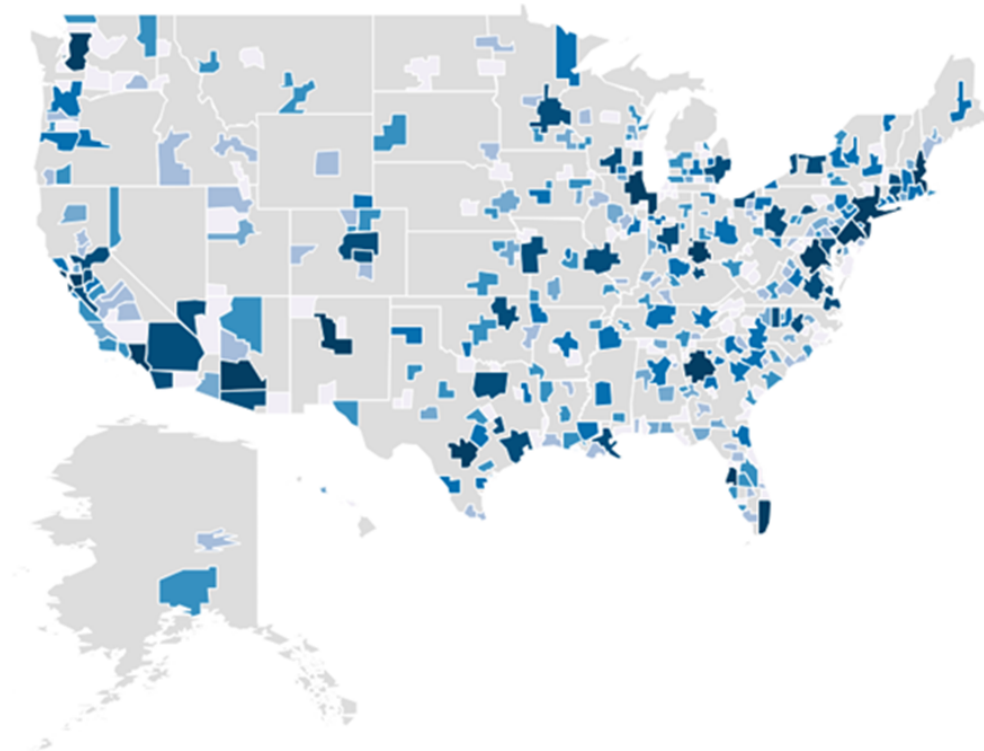
Top Employers: Teaching 2019



Job Postings by Year: Teaching 2019



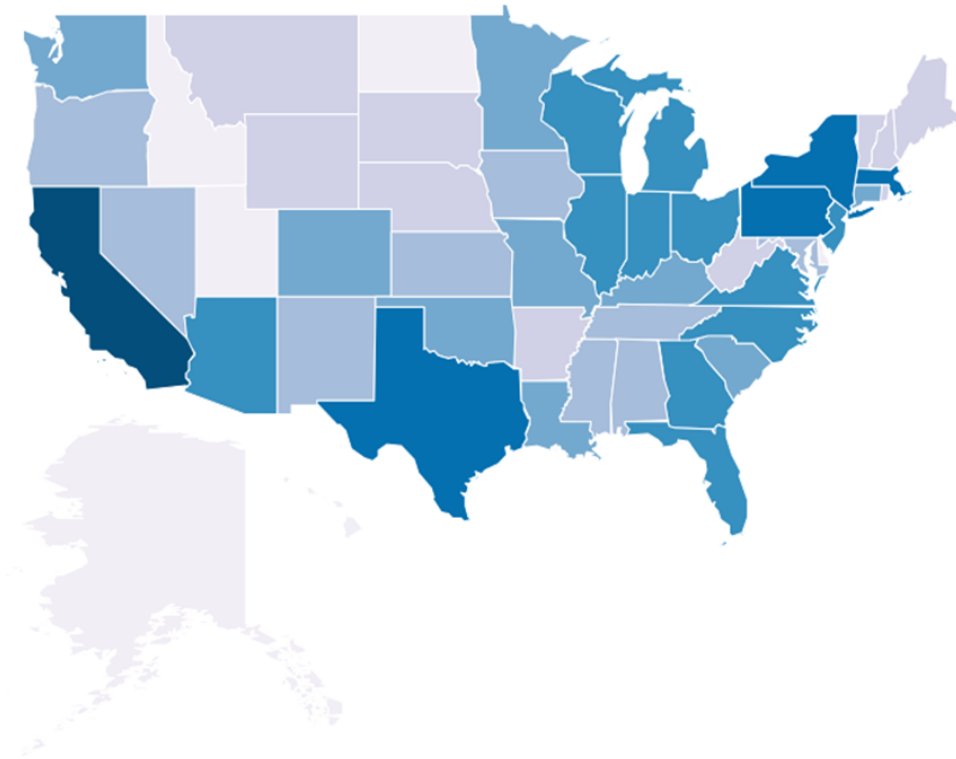
High Demand Areas by MSA: Teaching 2019



TOP 15 HIRING REGIONS

Metro Area	Job Postings
New York-Newark-Jersey City, NY-NJ-PA (Metropolitan Statistical Area)	139
San Francisco-Oakland-Hayward, CA (Metropolitan Statistical Area)	122
Los Angeles-Long Beach-Anaheim, CA (Metropolitan Statistical Area)	98
Boston-Cambridge-Nashua, MA-NH (Metropolitan NECTA)	95
Chicago-Naperville-Elgin, IL-IN-WI (Metropolitan Statistical Area)	80
Philadelphia-Camden-Wilmington, PA-NJ-DE-MD (Metropolitan Statistical Area)	66
Washington-Arlington-Alexandria, DC-VA-MD-WV (Metropolitan Statistical Area)	61
Seattle-Tacoma-Bellevue, WA (Metropolitan Statistical Area)	50
Phoenix-Mesa-Scottsdale, AZ (Metropolitan Statistical Area)	49
Cincinnati, OH-KY-IN (Metropolitan Statistical Area)	46
Miami-Fort Lauderdale-West Palm Beach, FL (Metropolitan Statistical Area)	42
Atlanta-Sandy Springs-Roswell, GA (Metropolitan Statistical Area)	41
Tampa-St. Petersburg-Clearwater, FL (Metropolitan Statistical Area)	41
Albuquerque, NM (Metropolitan Statistical Area)	35
San Antonio-New Braunfels, TX (Metropolitan Statistical Area)	35

High Demand Areas by State: Teaching 2019



TOP 15 HIRING REGIONS

State	Job Postings
California	383
Pennsylvania	187
Texas	186
New York	169
Massachusetts	144
Ohio	123
Florida	117
Georgia	104
Illinois	99
Virginia	93
North Carolina	89
Arizona	79
New Jersey	71
Wisconsin	70
Indiana	65