

# BU's BEST

## Biomedical Workforce Data 2020



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*These data can also be found online at [www.bu.edu/BEST](http://www.bu.edu/BEST).  
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# Labor Insight™

## *About*

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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*

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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*

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

## *Caveats & Disclaimers*

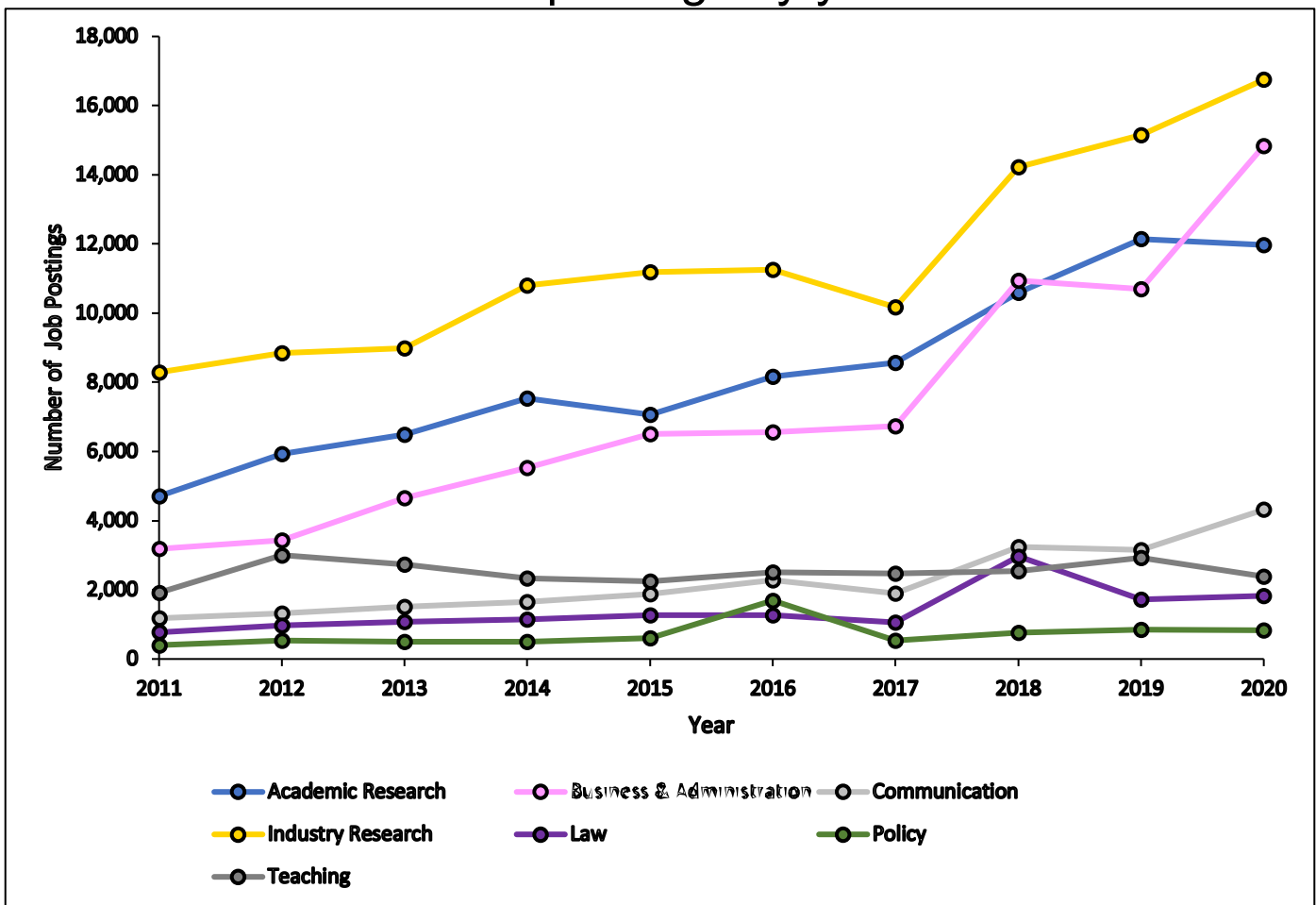
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Date ranges are January 2020 – December 2020 for job searches.

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

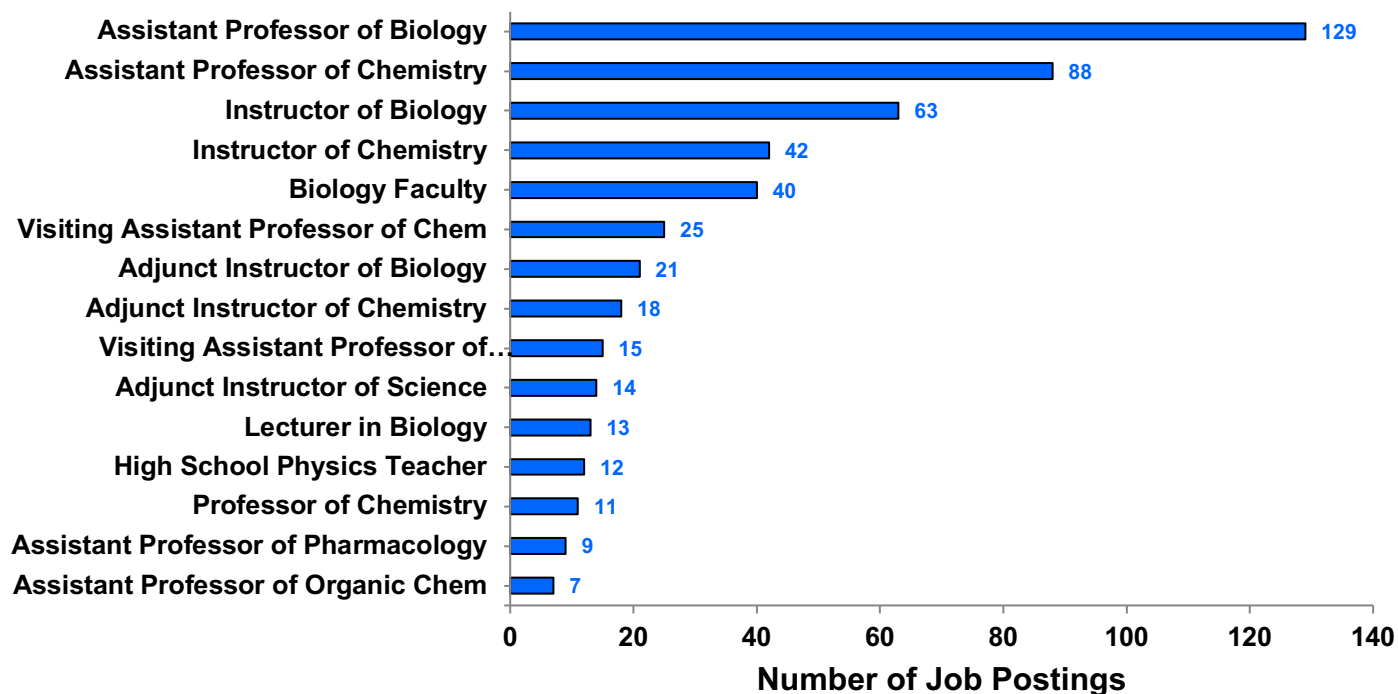
Job postings by year



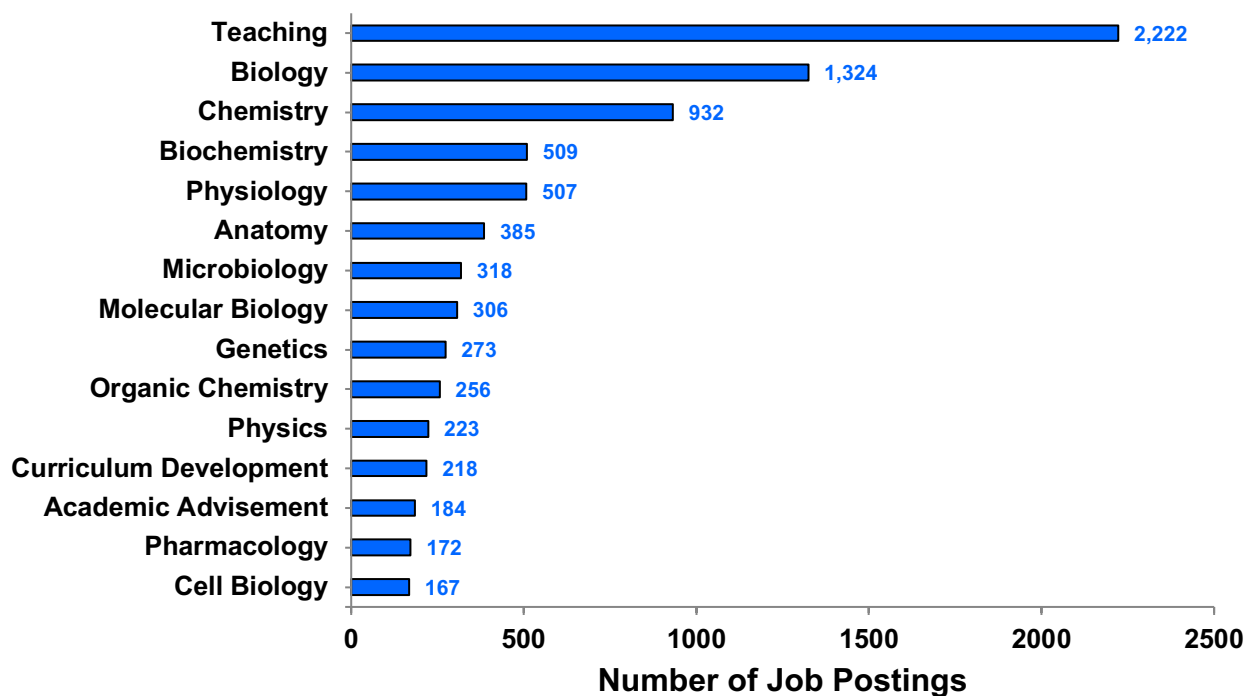
# Teaching

Number of job postings (nationwide):  
2,393

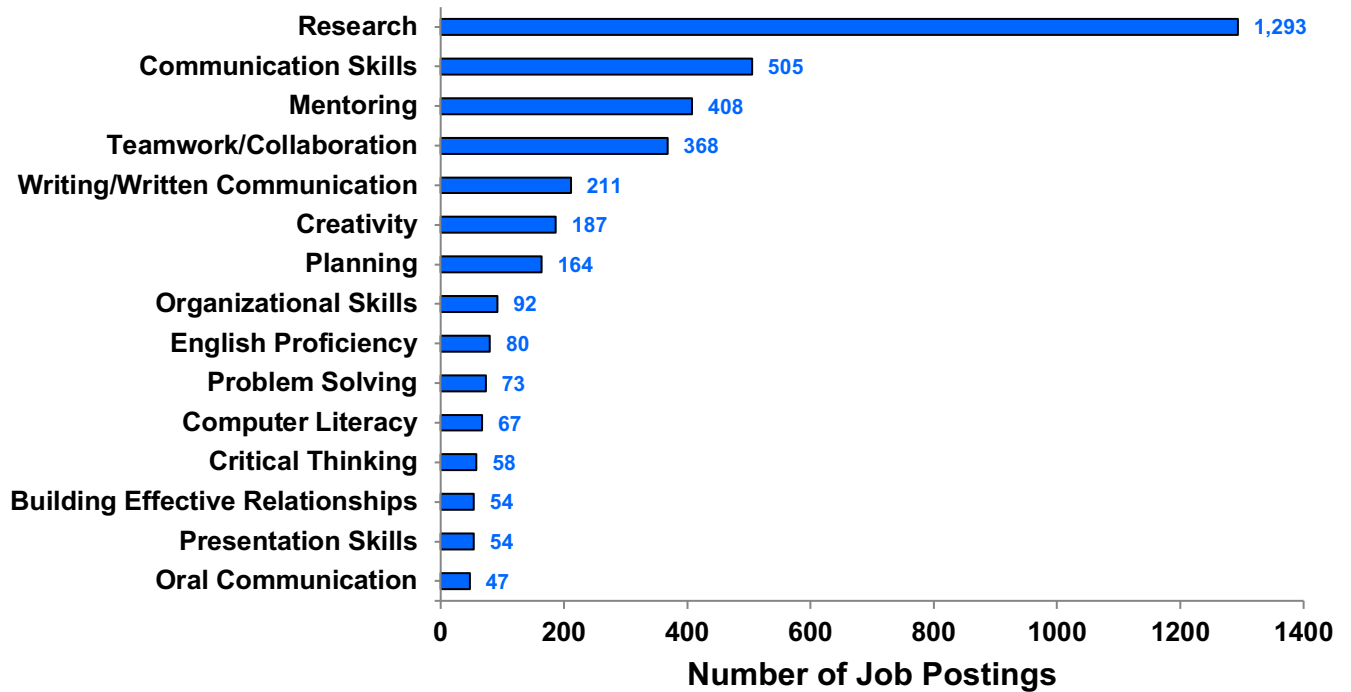
## Top Job Titles: Teaching 2020



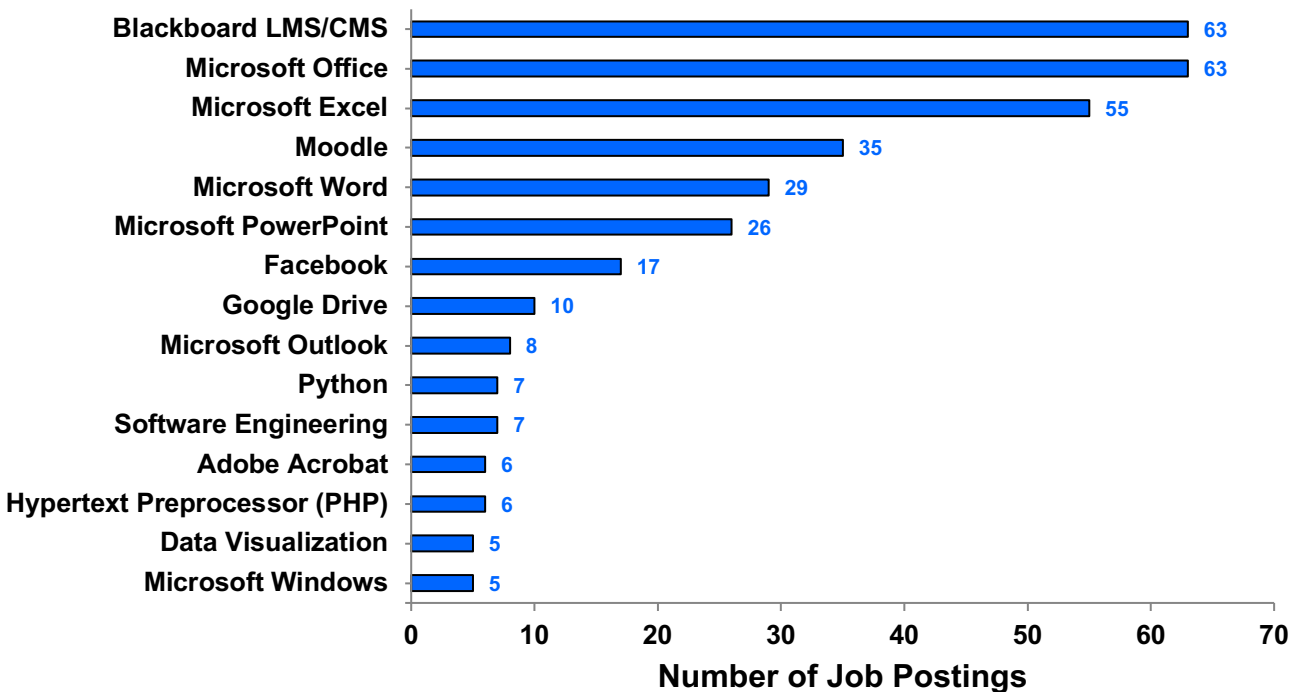
## Specialized (Hard) Skills: Teaching 2020



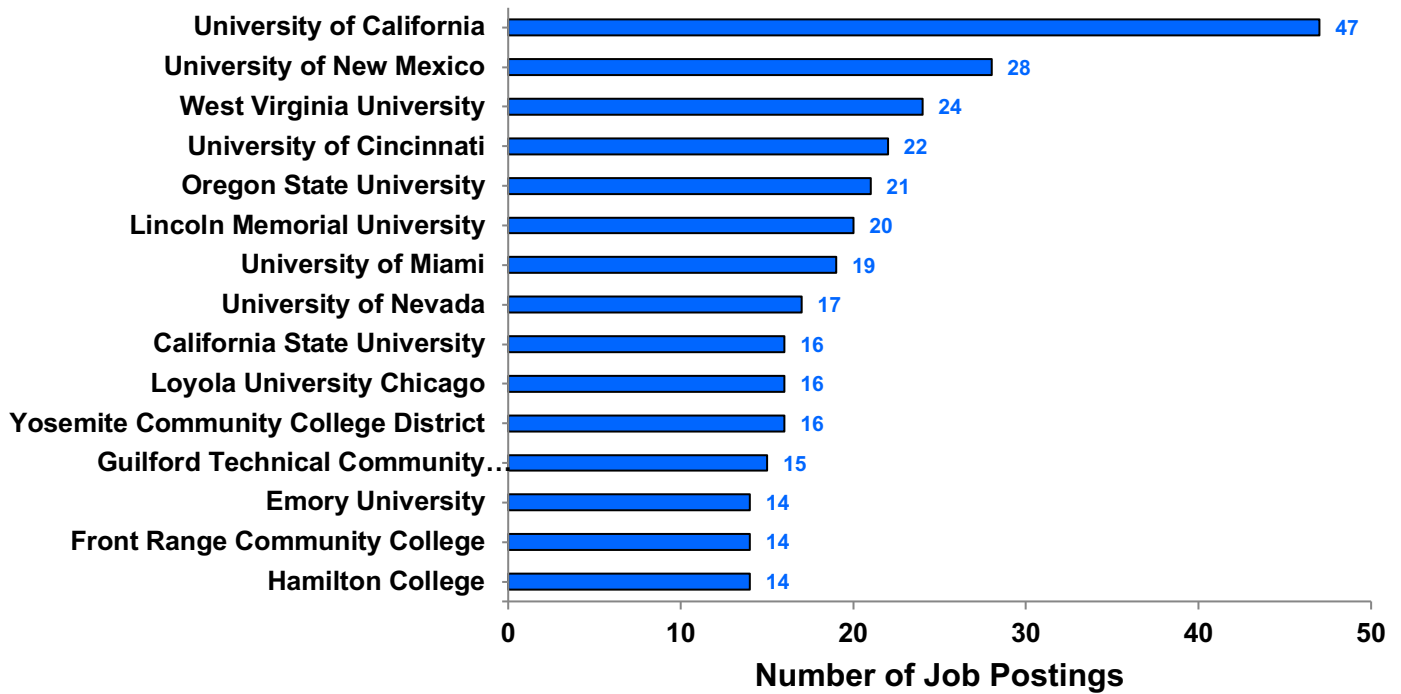
## Baseline (Soft) Skills: Teaching 2020



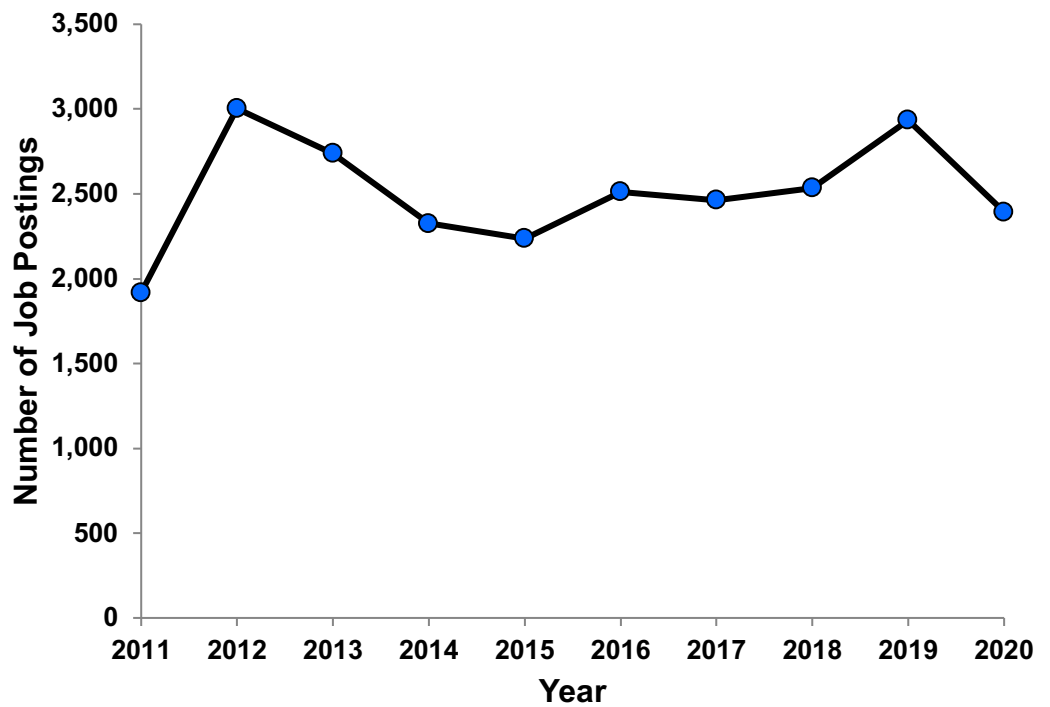
## Computer Skills: Teaching 2020



## Top Employers: Teaching 2020

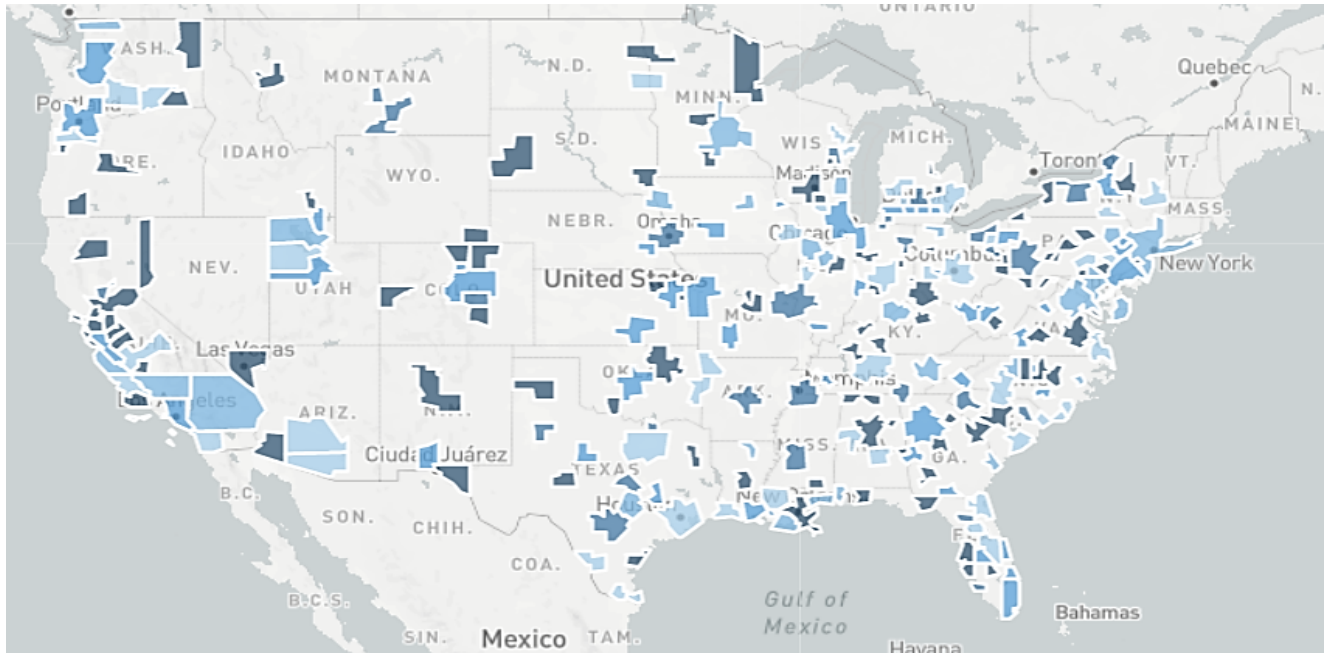


## Job Postings by Year: Teaching 2011-2020





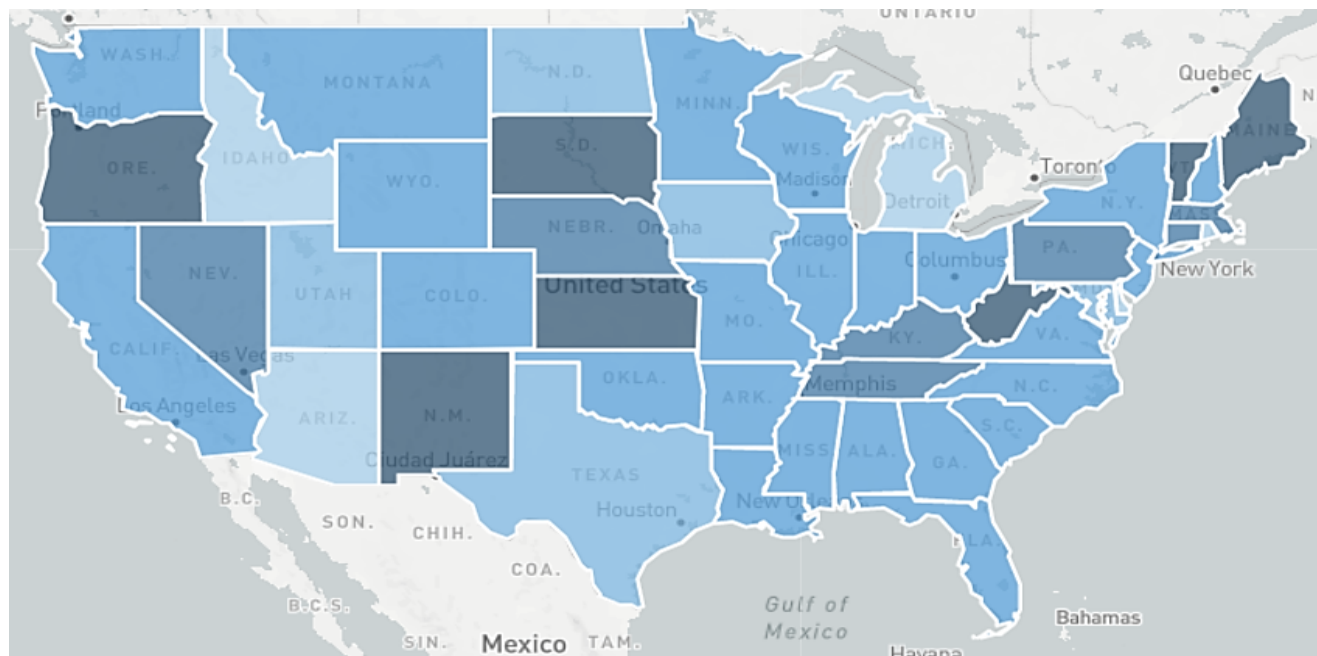
## High Demand Areas by MSA: Teaching 2020



### TOP 15 HIRING REGIONS

Metro Area	Job Postings
New York-Newark-Jersey City, NY-NJ-PA (Metropolitan Statistical Area)	104
Los Angeles-Long Beach-Anaheim, CA (Metropolitan Statistical Area)	80
San Francisco-Oakland-Hayward, CA (Metropolitan Statistical Area)	64
Chicago-Naperville-Elgin, IL-IN-WI (Metropolitan Statistical Area)	62
Boston-Cambridge-Nashua, MA-NH (Metropolitan NECTA)	55
Philadelphia-Camden-Wilmington, PA-NJ-DE-MD (Metropolitan Statistical Area)	53
Atlanta-Sandy Springs-Roswell, GA (Metropolitan Statistical Area)	45
Washington-Arlington-Alexandria, DC-VA-MD-WV (Metropolitan Statistical Area)	36
Miami-Fort Lauderdale-West Palm Beach, FL (Metropolitan Statistical Area)	35
Seattle-Tacoma-Bellevue, WA (Metropolitan Statistical Area)	35
Cincinnati, OH-KY-IN (Metropolitan Statistical Area)	31
Tampa-St. Petersburg-Clearwater, FL (Metropolitan Statistical Area)	31
Houston-The Woodlands-Sugar Land, TX (Metropolitan Statistical Area)	30
Sacramento-Roseville-Arden-Arcade, CA (Metropolitan Statistical Area)	29
Albuquerque, NM (Metropolitan Statistical Area)	27

## High Demand Areas by State: Teaching 2020



### TOP 15 HIRING REGIONS

State	Job Postings
California	287
Texas	159
Pennsylvania	131
New York	130
Florida	113
Ohio	91
Illinois	83
Georgia	82
North Carolina	76
Massachusetts	71
Virginia	71
Tennessee	59
New Jersey	56
Minnesota	54
Colorado	50