

BU's BEST

Biomedical Workforce Data 2020



Table of Contents

<u>Title</u>	<u>Page</u>
Labor Insight™.....	3
Career Paths:Job Trends Summary.....	4
Industry Research.....	5

*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.

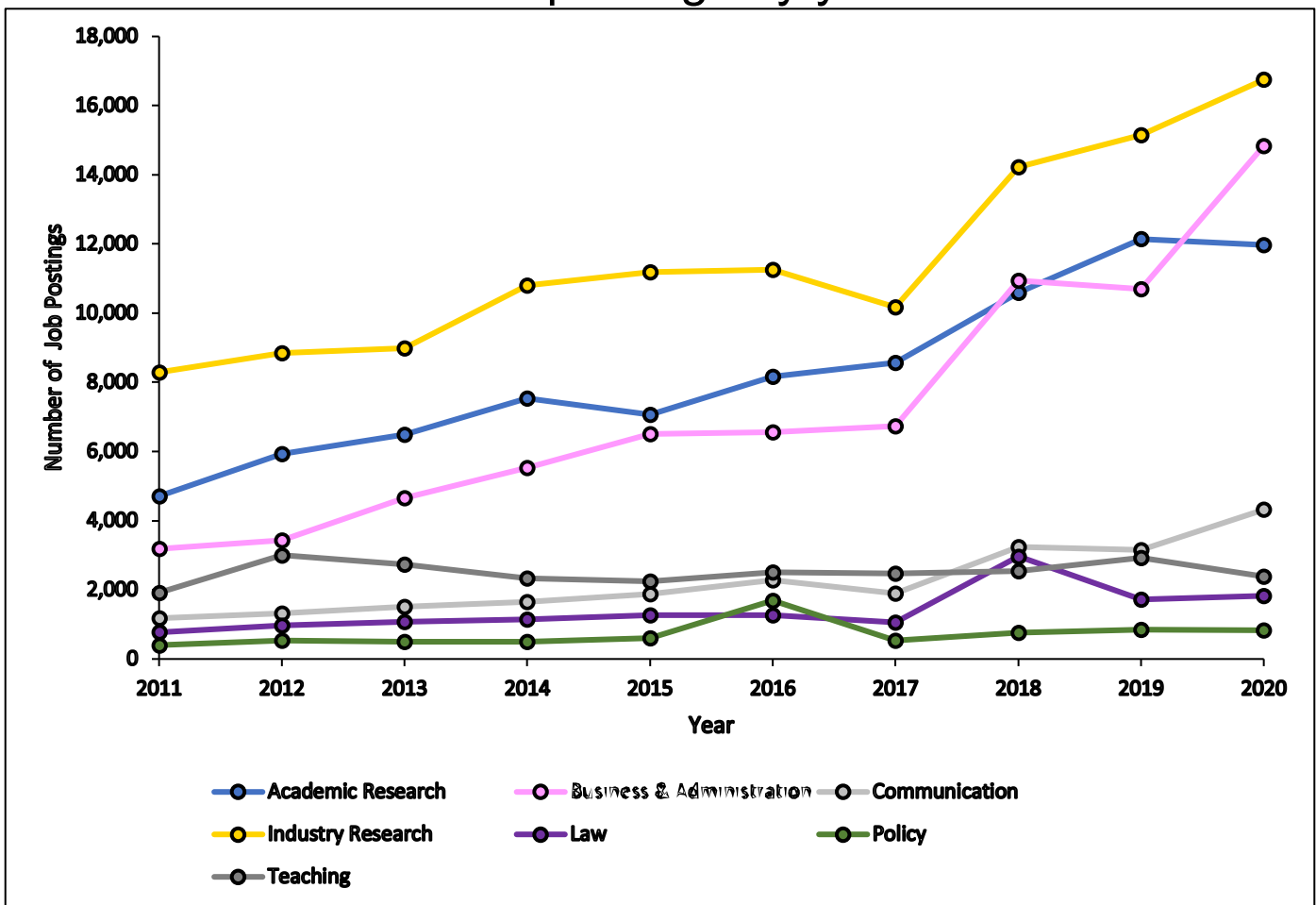
Caveats & Disclaimers

Date ranges are January 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

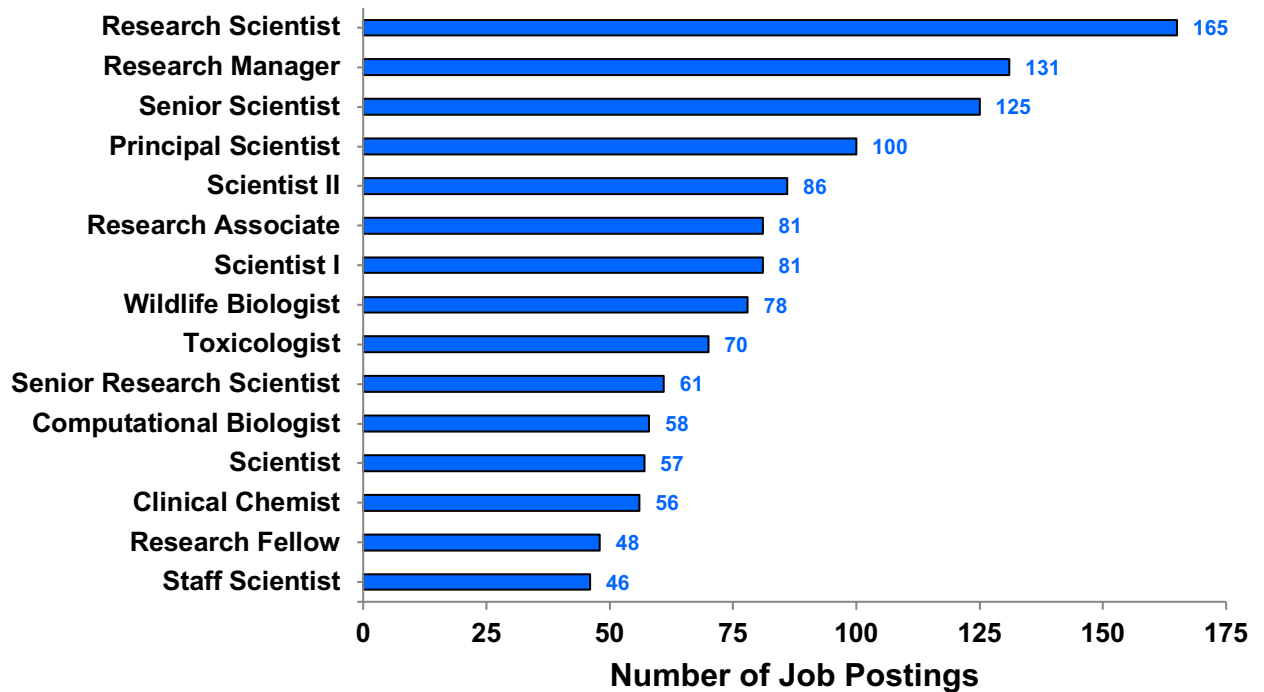
Job postings by year



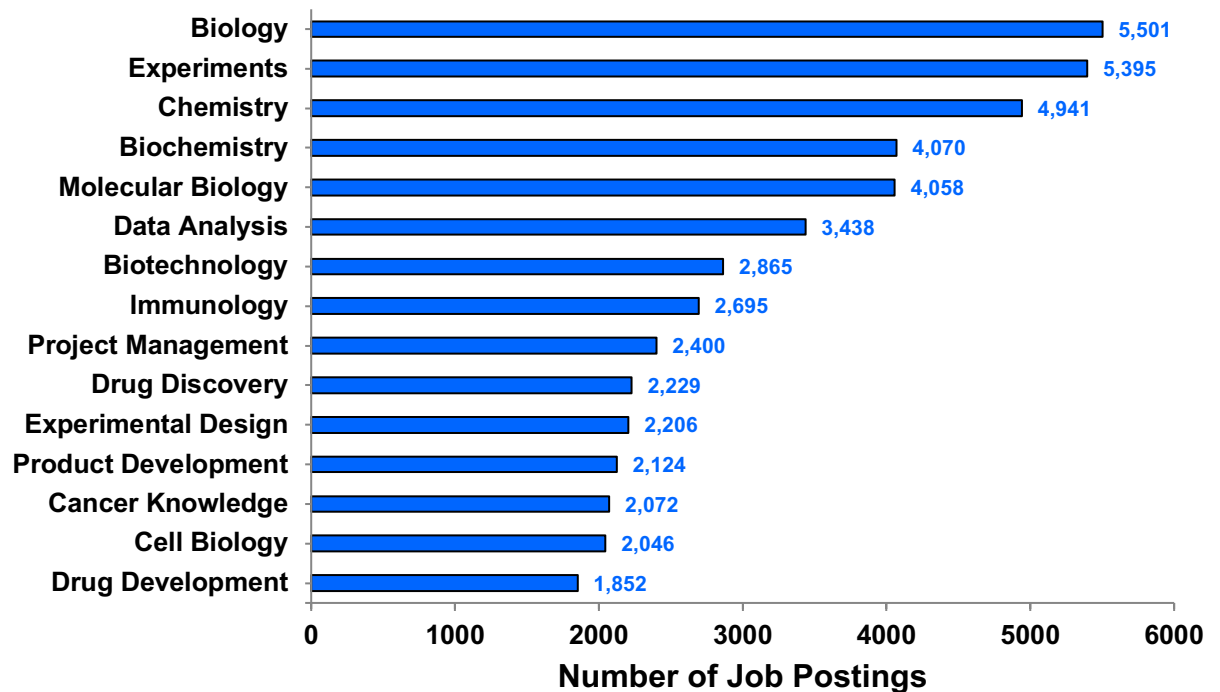
Industry Research

Number of job postings (nationwide):
16,748

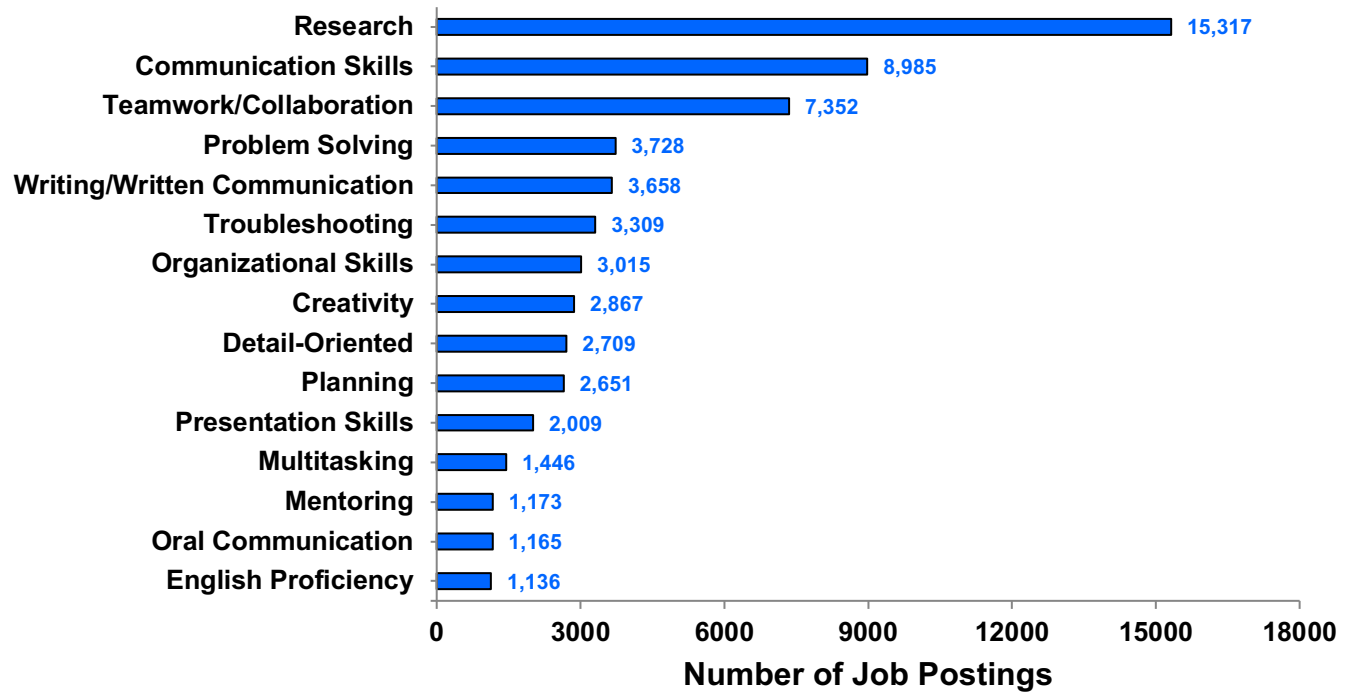
Top Job Titles: Industry Research 2020



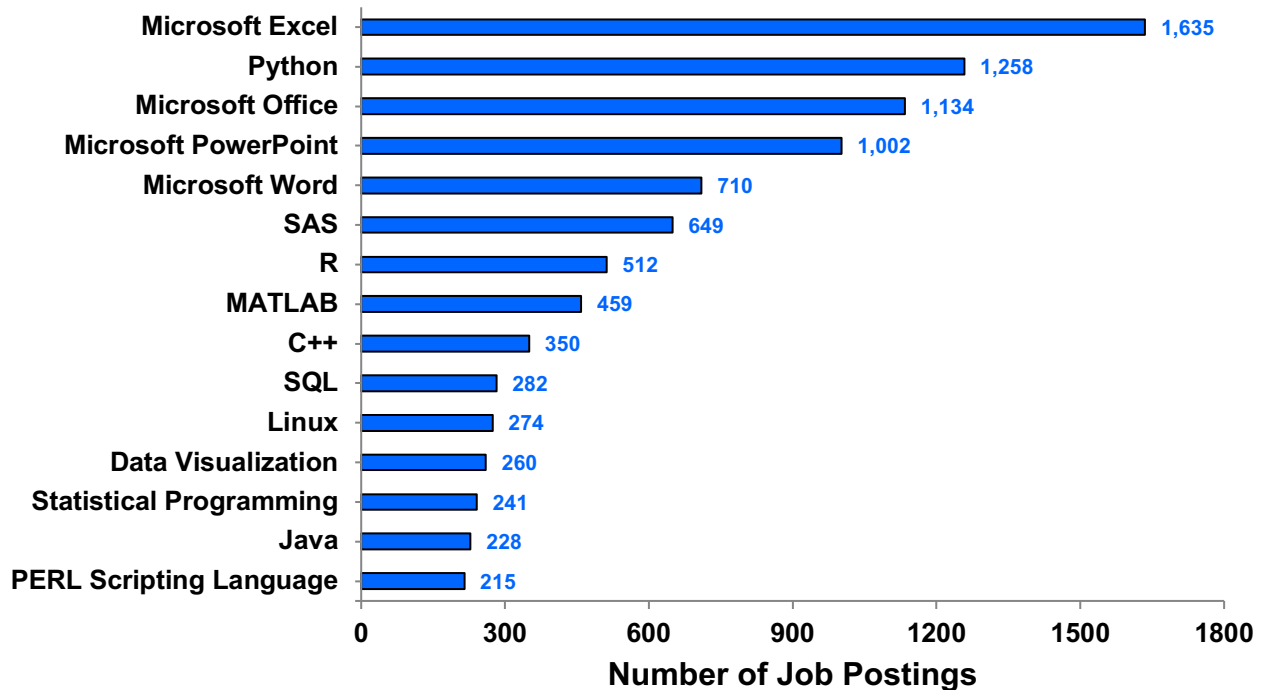
Specialized (Hard) Skills: Industry Research 2020



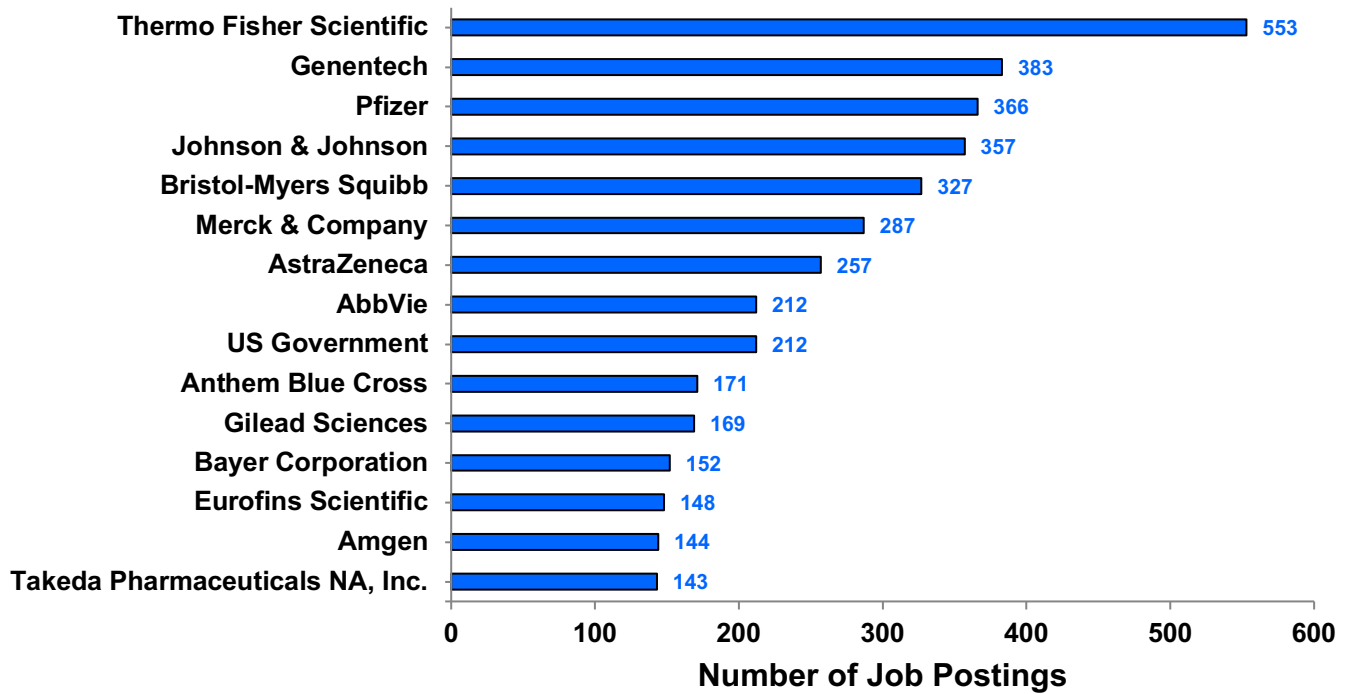
Baseline (Soft) Skills: Industry Research 2020



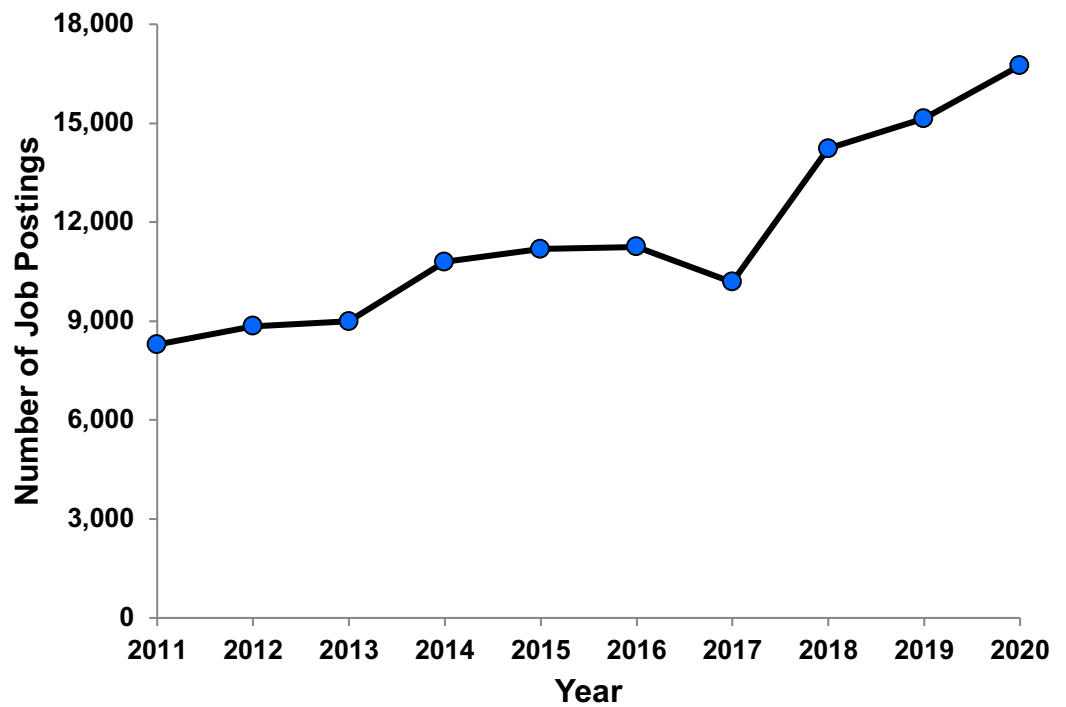
Computer Skills: Industry Research 2020



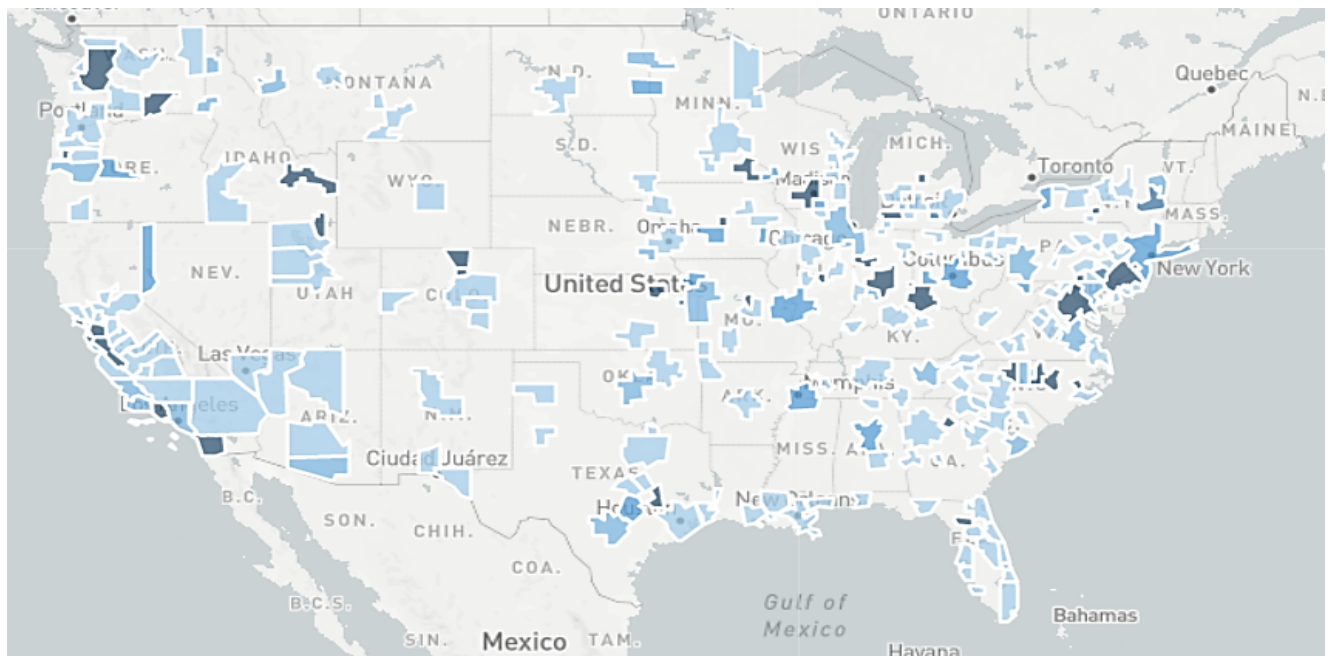
Top Employers: Industry Research 2020



Job Postings by Year: Industry Research 2011-2020



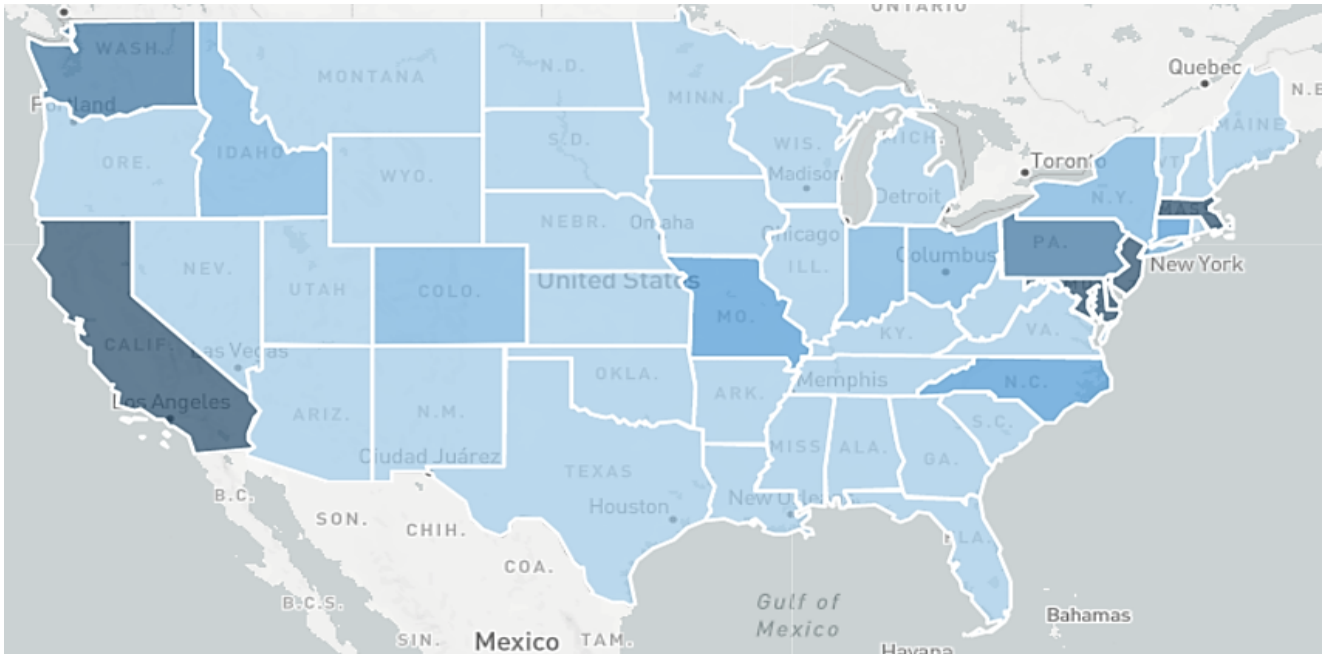
High Demand Areas by MSA: Industry Research 2020



TOP 15 HIRING REGIONS

Metro Area	Job Postings
San Francisco-Oakland-Hayward, CA (Metropolitan Statistical Area)	2,421
Boston-Cambridge-Nashua, MA-NH (Metropolitan NECTA)	2,295
Washington-Arlington-Alexandria, DC-VA-MD-WV (Metropolitan Statistical Area)	1,247
San Diego-Carlsbad, CA (Metropolitan Statistical Area)	1,215
New York-Newark-Jersey City, NY-NJ-PA (Metropolitan Statistical Area)	1,124
Philadelphia-Camden-Wilmington, PA-NJ-DE-MD (Metropolitan Statistical Area)	825
Los Angeles-Long Beach-Anaheim, CA (Metropolitan Statistical Area)	507
Seattle-Tacoma-Bellevue, WA (Metropolitan Statistical Area)	397
Chicago-Naperville-Elgin, IL-IN-WI (Metropolitan Statistical Area)	354
San Jose-Sunnyvale-Santa Clara, CA (Metropolitan Statistical Area)	285
Durham-Chapel Hill, NC (Metropolitan Statistical Area)	260
Indianapolis-Carmel-Anderson, IN (Metropolitan Statistical Area)	210
Cincinnati, OH-KY-IN (Metropolitan Statistical Area)	192
St. Louis, MO-IL (Metropolitan Statistical Area)	164
Trenton, NJ (Metropolitan Statistical Area)	154

High Demand Areas by State: Industry Research 2020



TOP 15 HIRING REGIONS

State	Job Postings
California	4,761
Massachusetts	2,425
Maryland	1,113
Pennsylvania	863
New Jersey	751
New York	738
North Carolina	578
Washington	504
Texas	496
Ohio	471
Illinois	403
Missouri	272
Indiana	260
Virginia	236
Florida	229