

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.

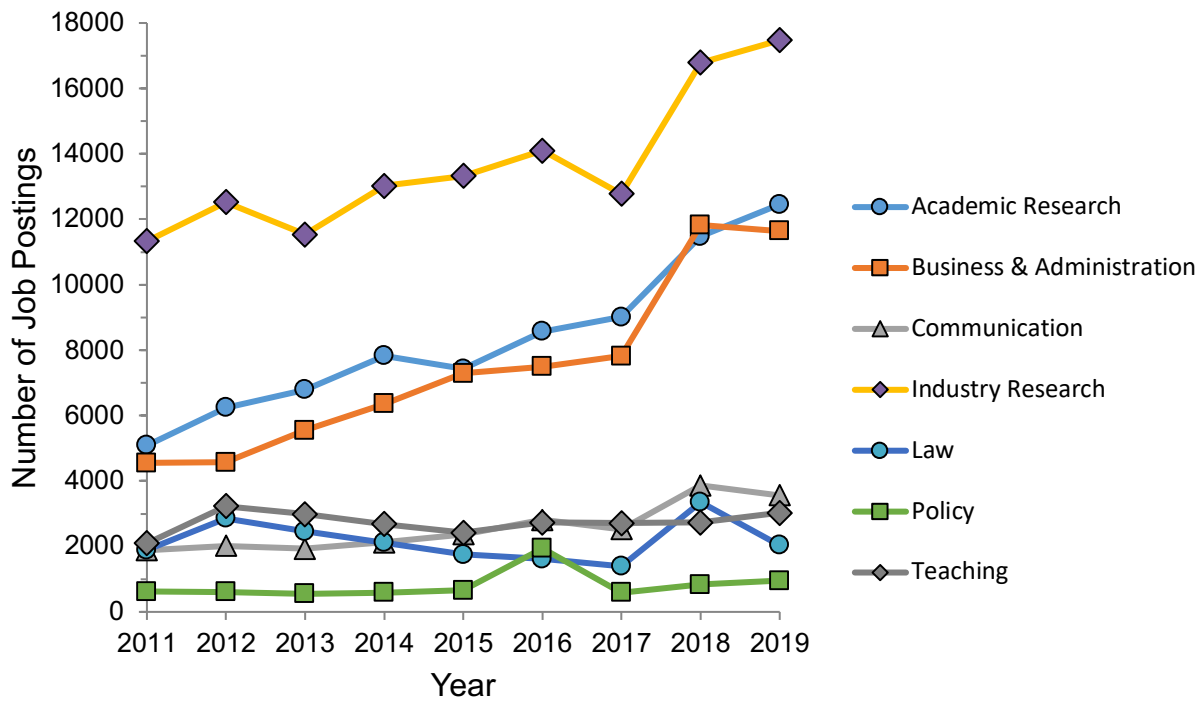
Caveats & Disclaimers

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

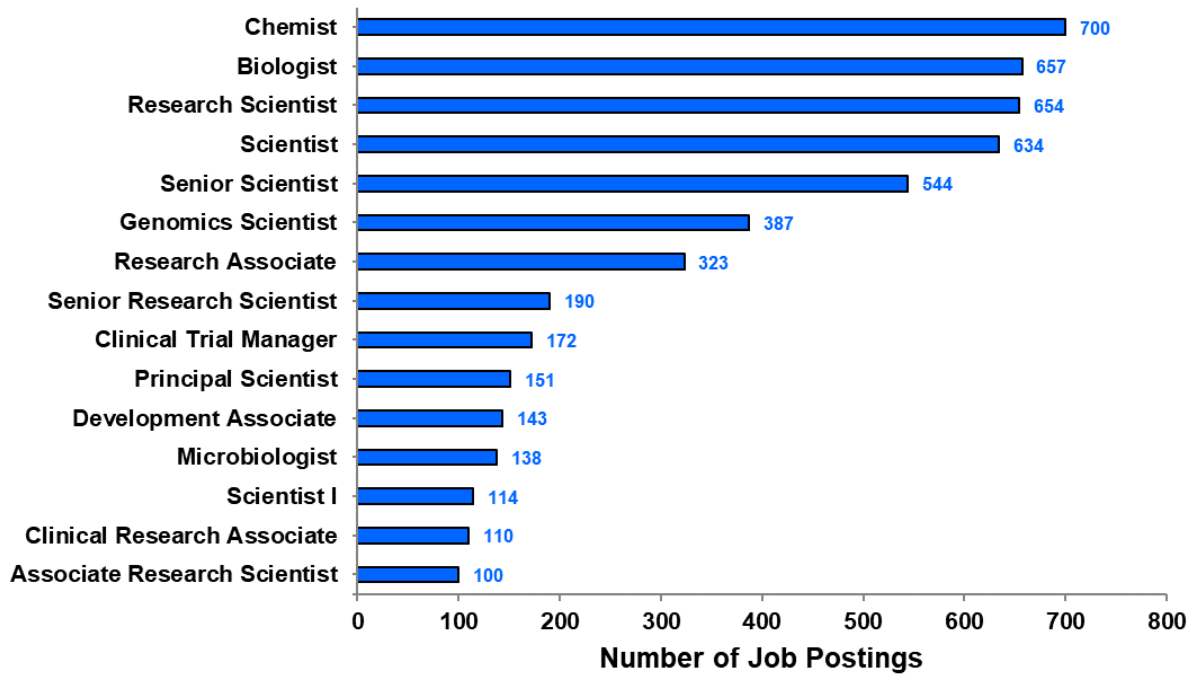
Job postings by year



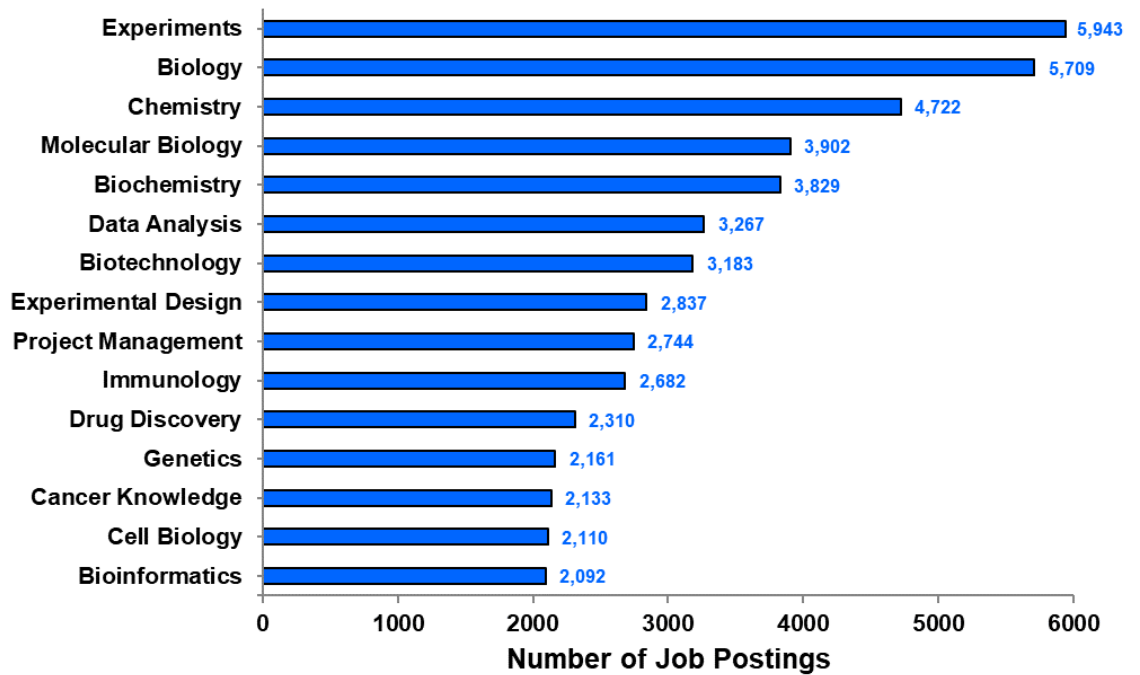
Industry Research

Number of job postings (nationwide):
17,473

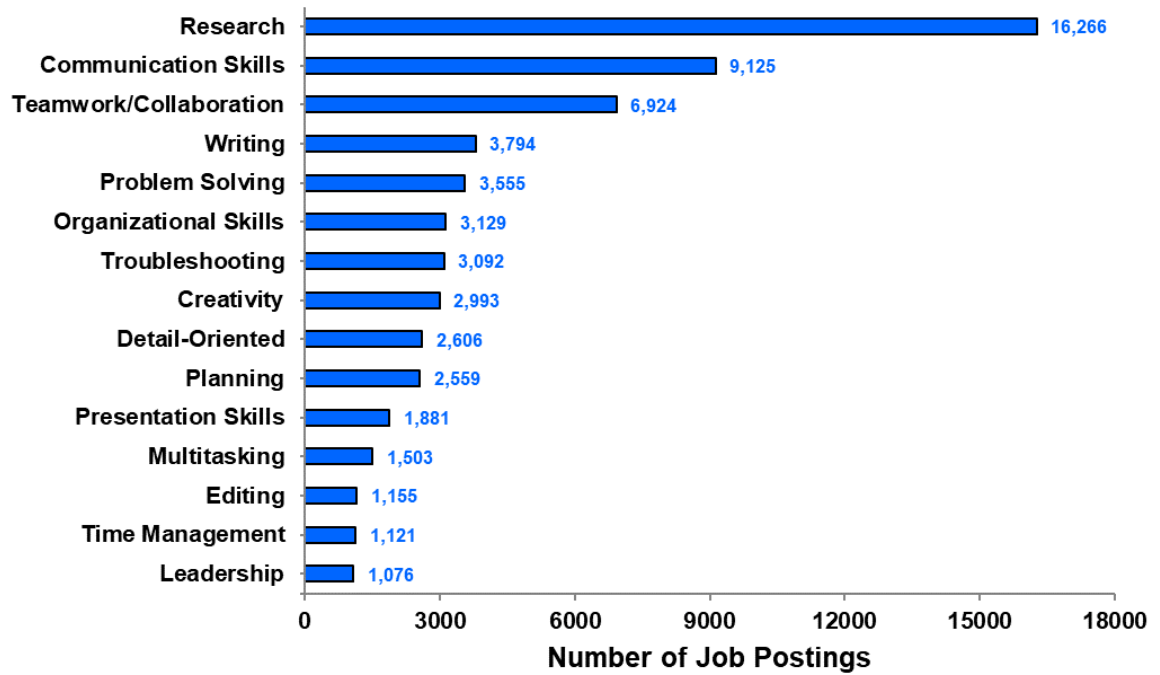
Top Job Titles: Industry Research 2019



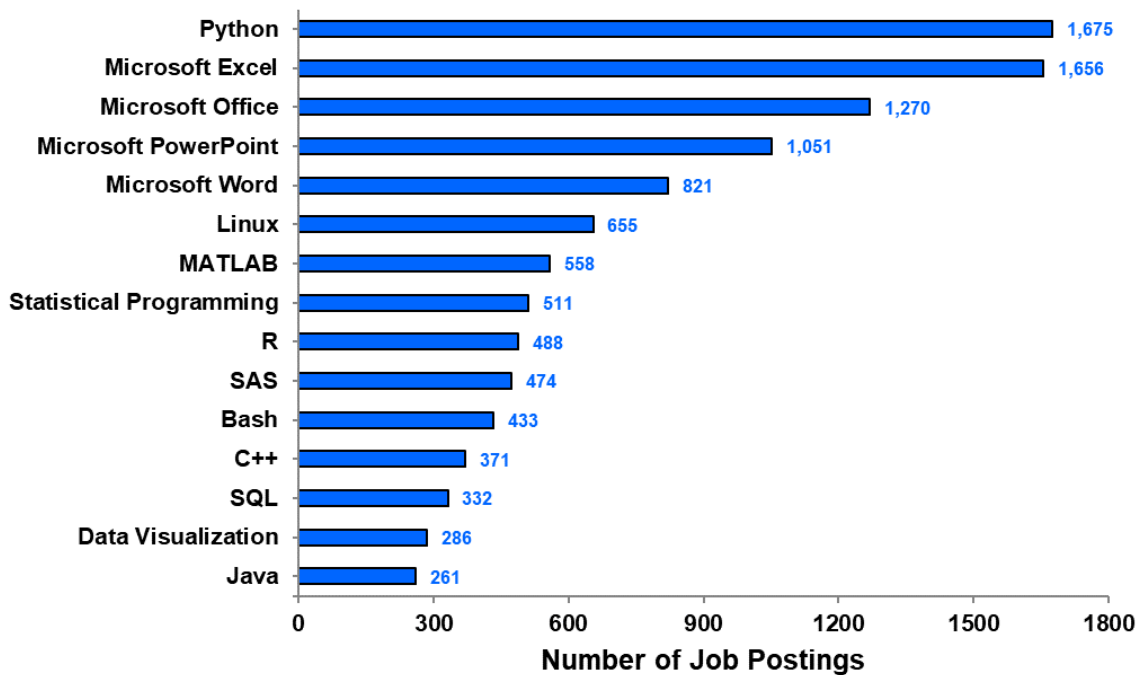
Specialized (Hard) Skills: Industry Research 2019



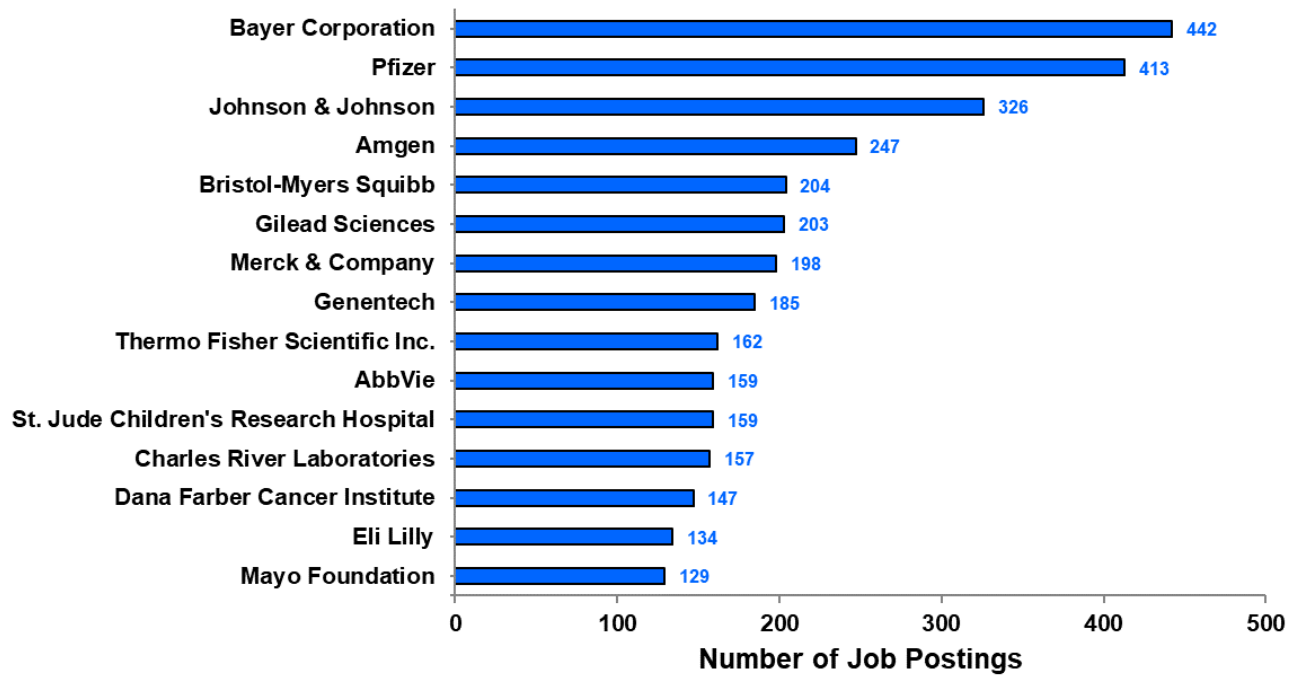
Baseline (Soft) Skills: Industry Research 2019



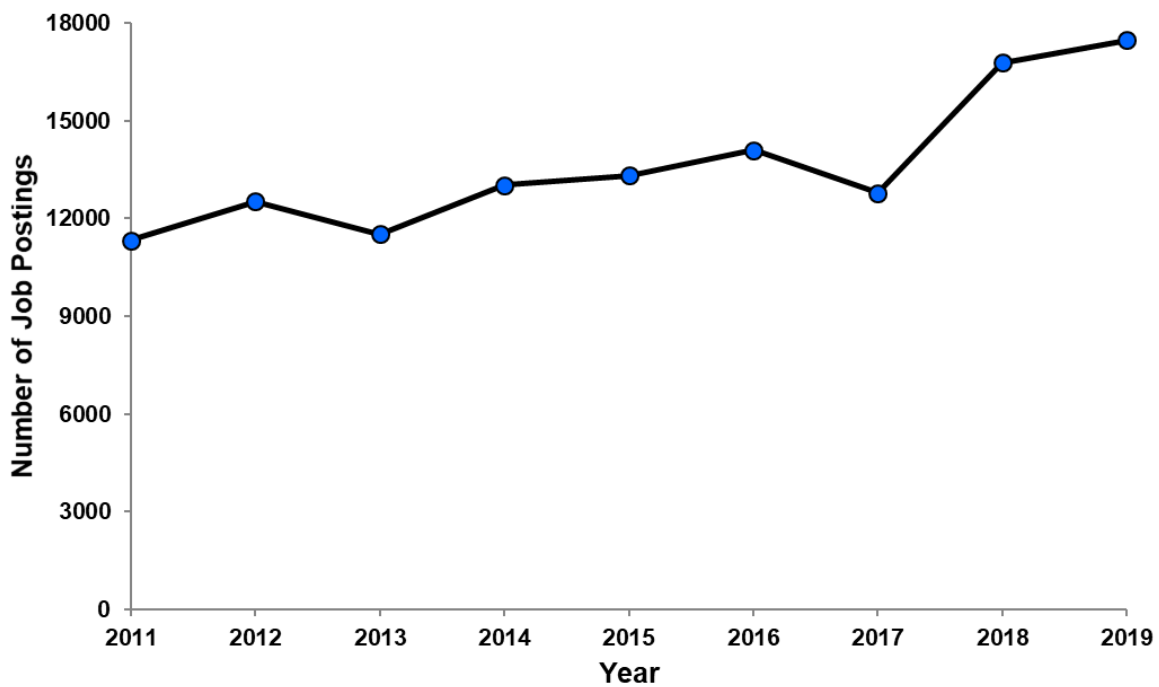
Computer Skills: Industry Research 2019



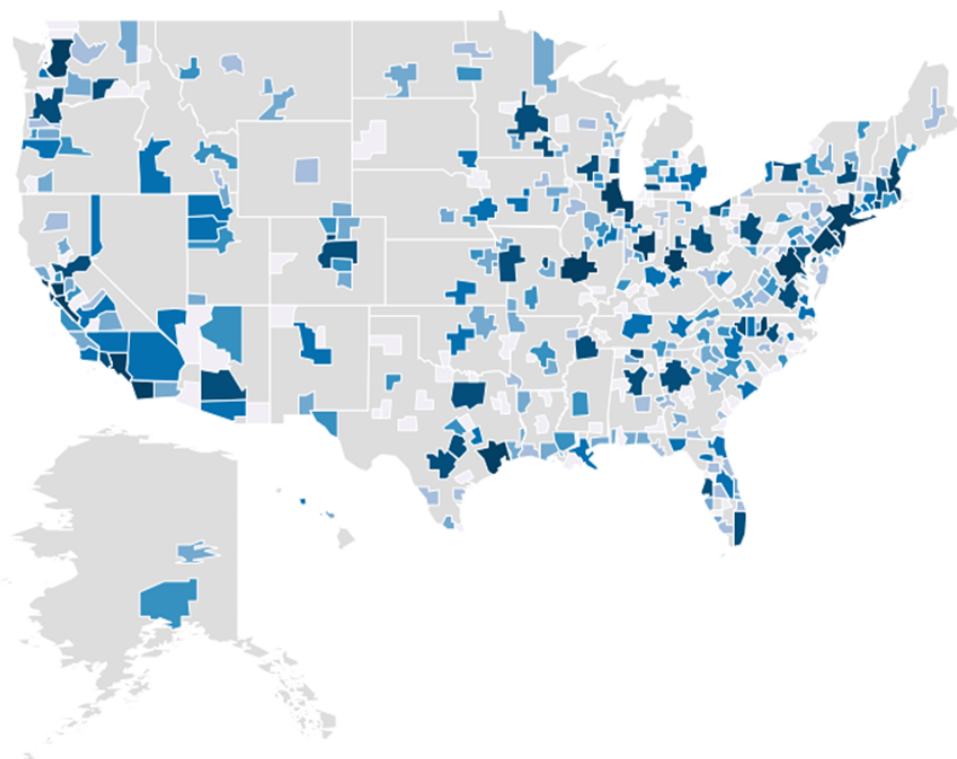
Top Employers: Industry Research 2019



Job Postings by Year: Industry Research 2019



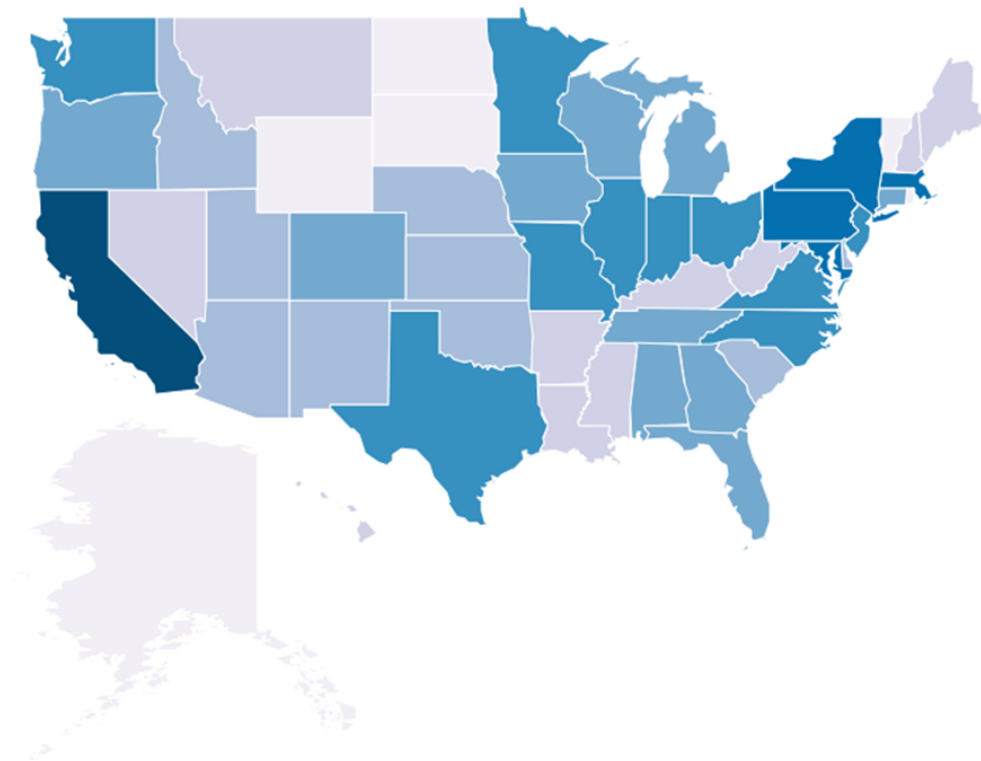
High Demand Areas by MSA: Industry Research 2019



TOP 15 HIRING REGIONS

Metro Area	Job Postings
Boston-Cambridge-Nashua, MA-NH (Metropolitan NECTA)	2,823
San Francisco-Oakland-Hayward, CA (Metropolitan Statistical Area)	2,274
San Diego-Carlsbad, CA (Metropolitan Statistical Area)	1,191
New York-Newark-Jersey City, NY-NJ-PA (Metropolitan Statistical Area)	1,143
Washington-Arlington-Alexandria, DC-VA-MD-WV (Metropolitan Statistical Area)	932
Philadelphia-Camden-Wilmington, PA-NJ-DE-MD (Metropolitan Statistical Area)	748
Los Angeles-Long Beach-Anaheim, CA (Metropolitan Statistical Area)	495
Seattle-Tacoma-Bellevue, WA (Metropolitan Statistical Area)	466
San Jose-Sunnyvale-Santa Clara, CA (Metropolitan Statistical Area)	410
Chicago-Naperville-Elgin, IL-IN-WI (Metropolitan Statistical Area)	378
Durham-Chapel Hill, NC (Metropolitan Statistical Area)	277
Indianapolis-Carmel-Anderson, IN (Metropolitan Statistical Area)	211
Houston-The Woodlands-Sugar Land, TX (Metropolitan Statistical Area)	205
Cincinnati, OH-KY-IN (Metropolitan Statistical Area)	191
St. Louis, MO-IL (Metropolitan Statistical Area)	181

High Demand Areas by State: Industry Research 2019



TOP 15 HIRING REGIONS

State	Job Postings
California	4,737
Massachusetts	2,991
New York	858
Maryland	803
Pennsylvania	781
New Jersey	641
North Carolina	610
Texas	561
Washington	551
Ohio	449
Illinois	442
Indiana	289
Missouri	287
Minnesota	285
Virginia	274

