

BU's BEST

Biomedical Workforce Data 2020



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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.

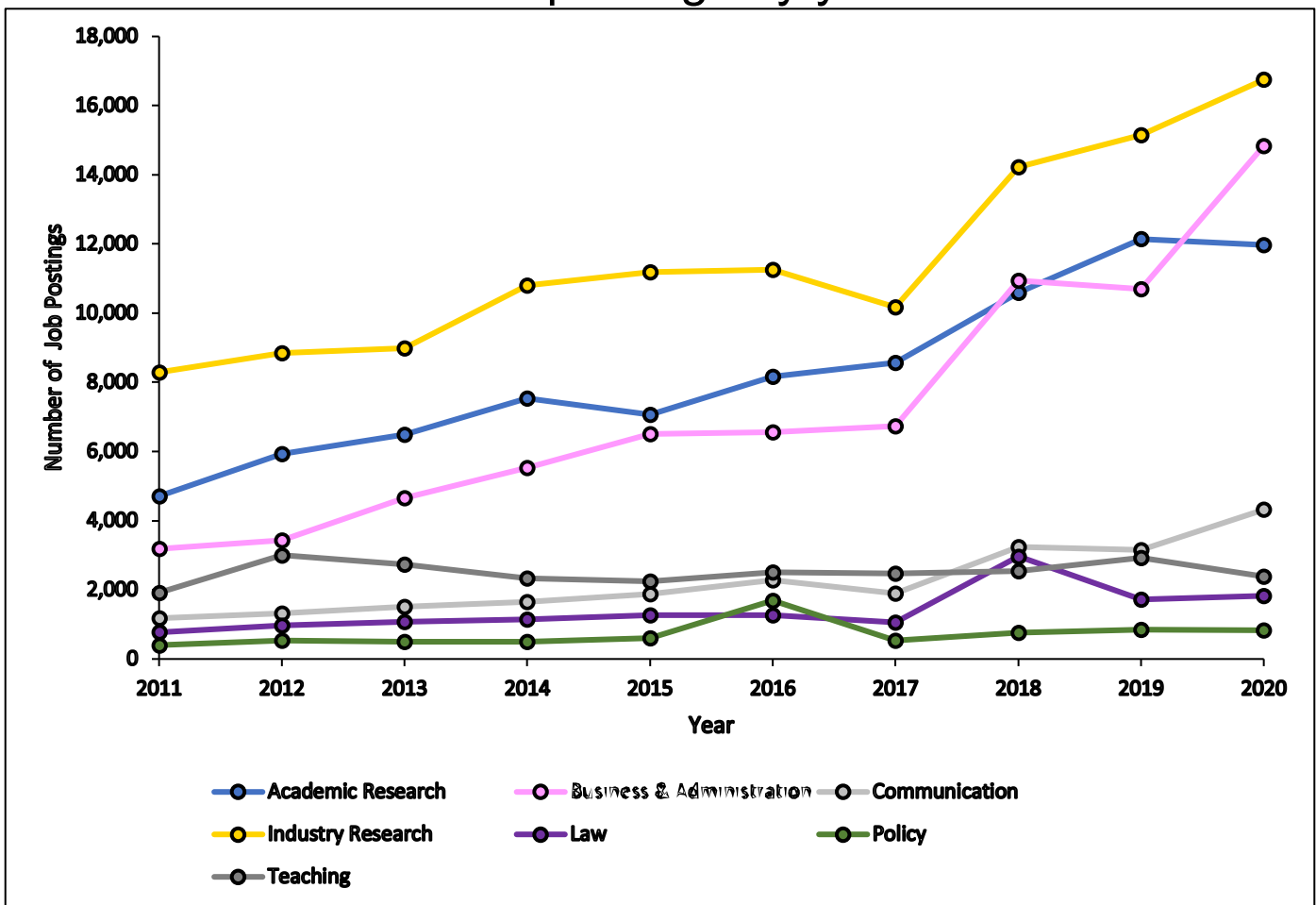
Caveats & Disclaimers

Date ranges are January 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

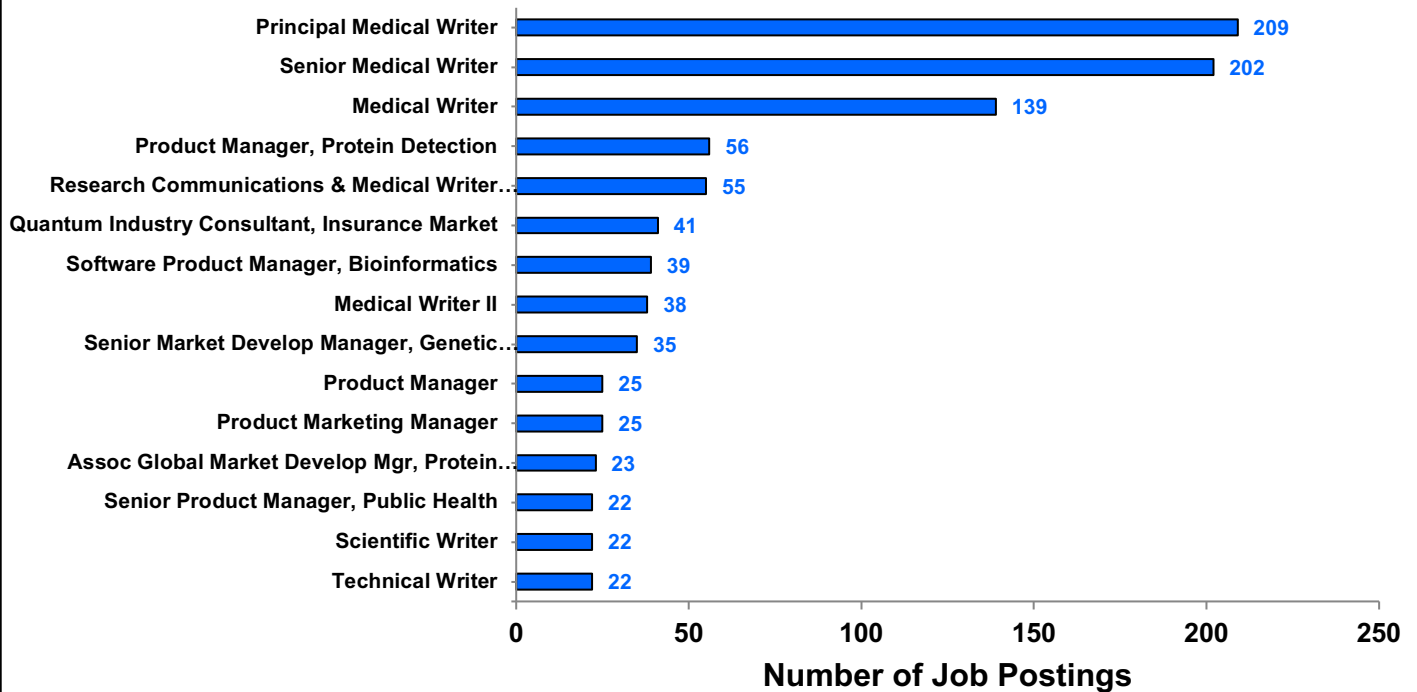
Job postings by year



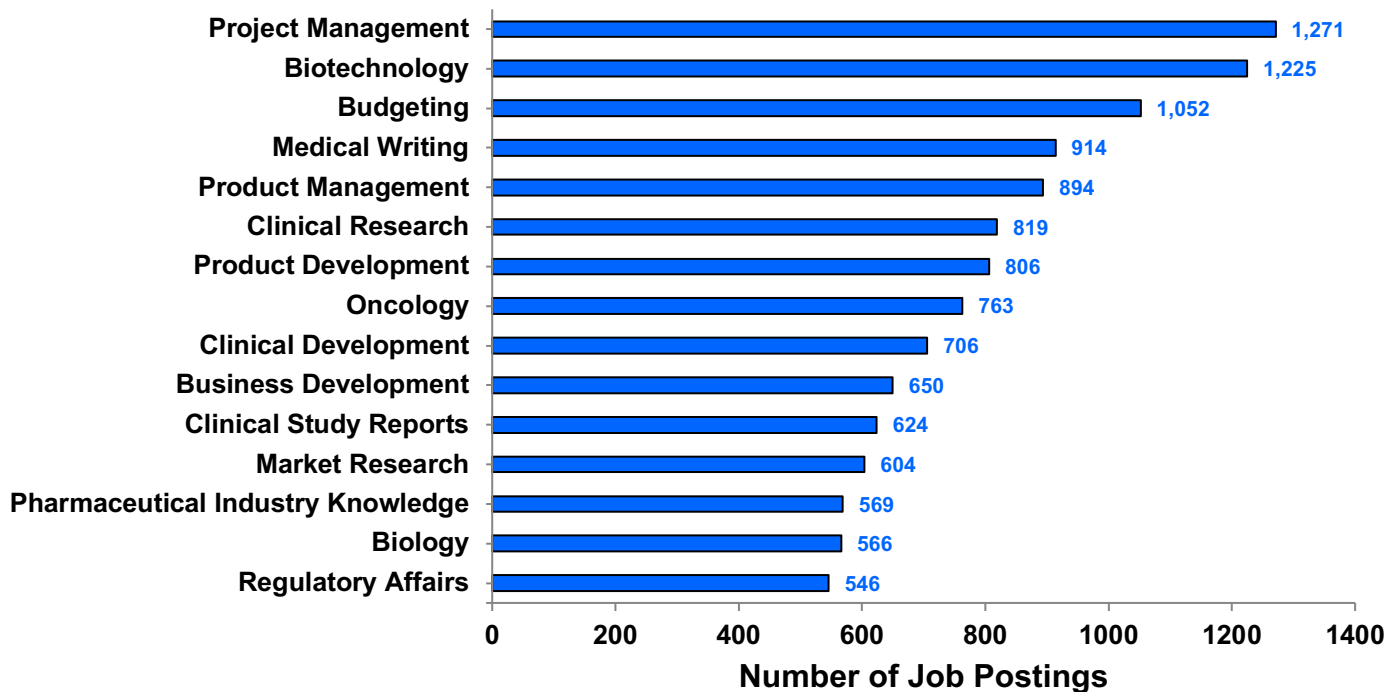
Communication

Number of job postings (nationwide):
4,317

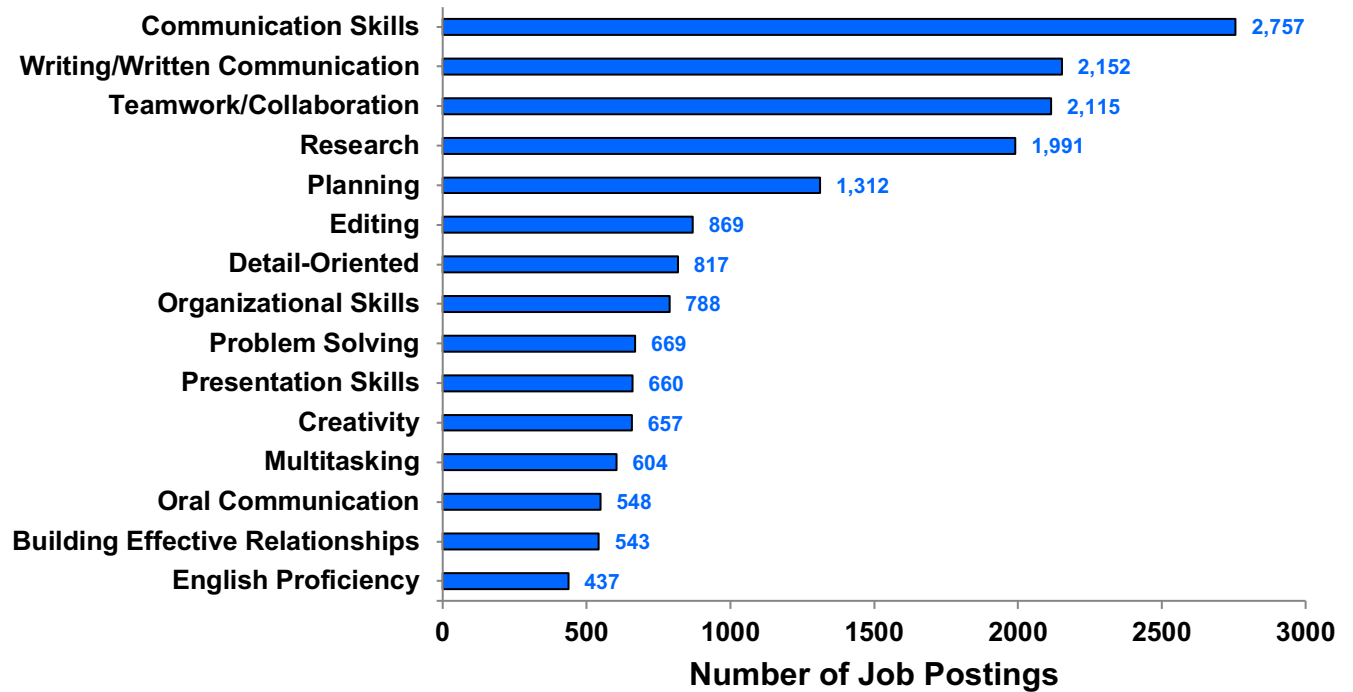
Top Job Titles: Communication 2020



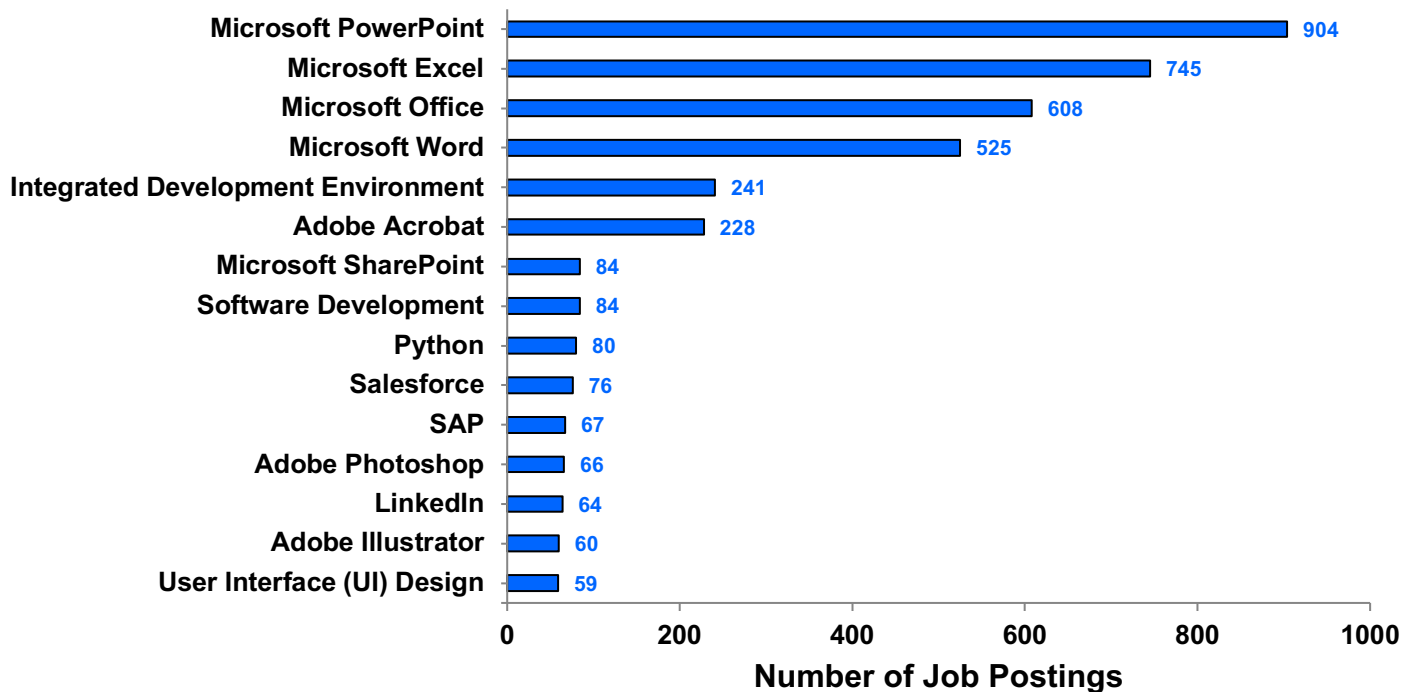
Specialized (Hard) Skills: Communication 2020



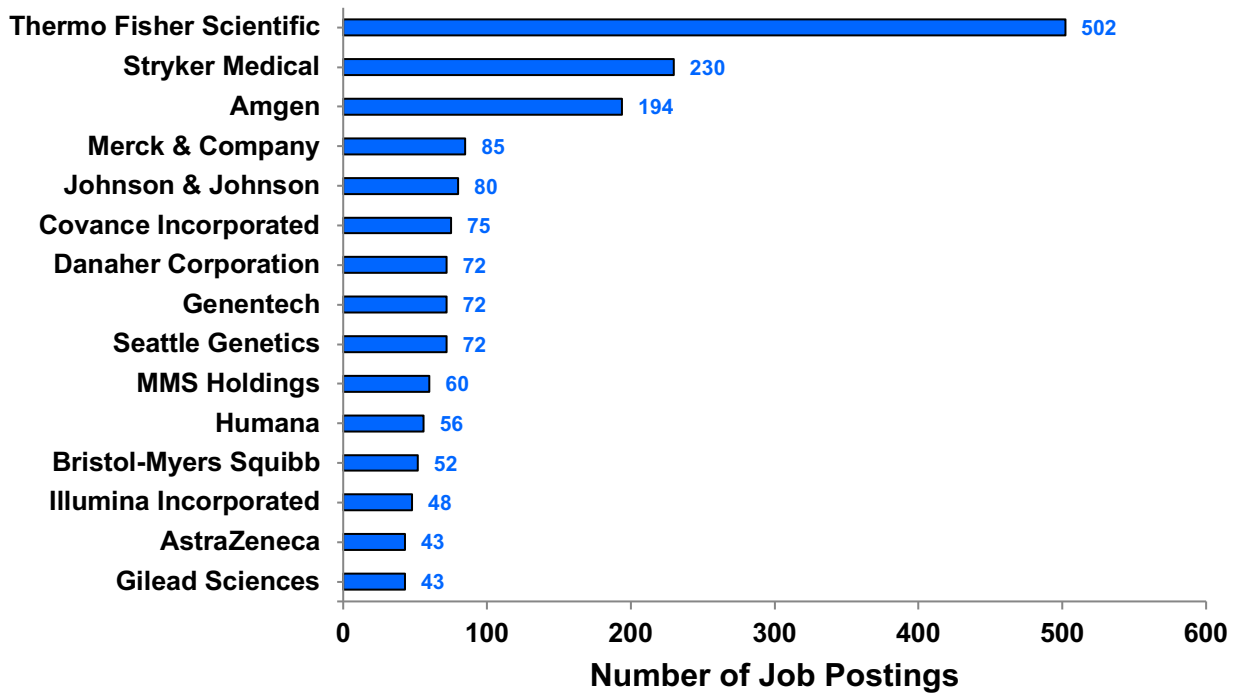
Baseline (Soft) Skills: Communication 2020



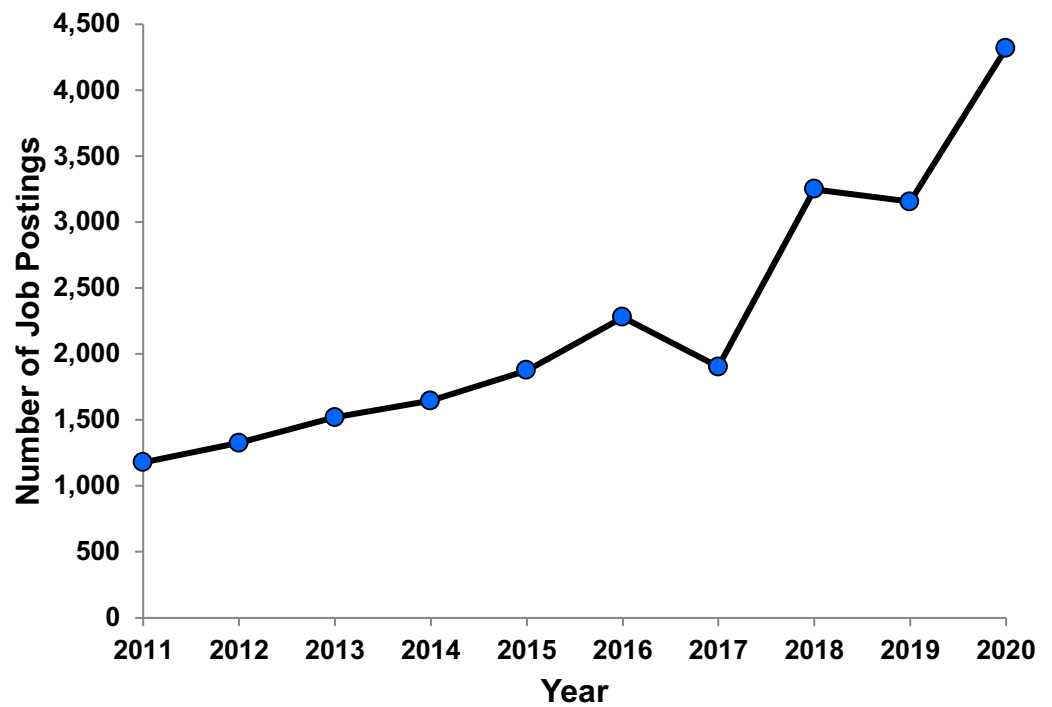
Computer Skills: Communication 2020



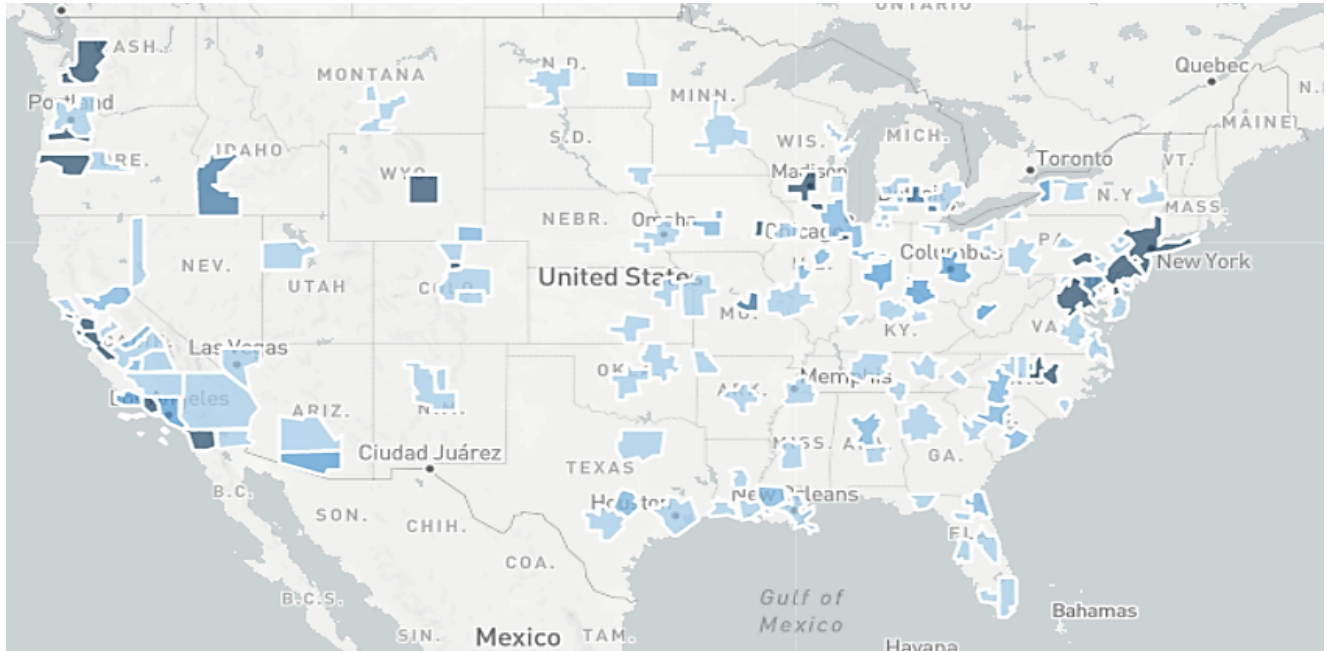
Top Employers: Communication 2020



Job Postings by Year: Communication 2011-2020



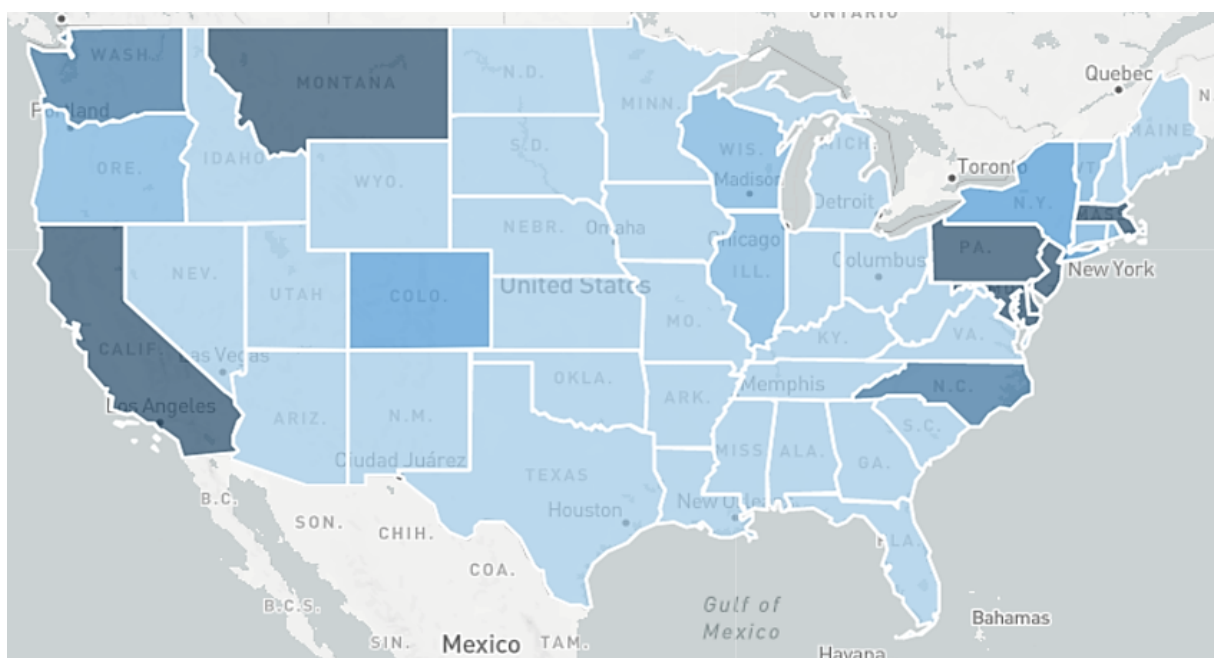
High Demand Areas by MSA: Communication 2020



TOP 15 HIRING REGIONS

Metro Area	Job Postings
Boston-Cambridge-Nashua, MA-NH (Metropolitan NECTA)	535
New York-Newark-Jersey City, NY-NJ-PA (Metropolitan Statistical Area)	484
San Francisco-Oakland-Hayward, CA (Metropolitan Statistical Area)	482
Philadelphia-Camden-Wilmington, PA-NJ-DE-MD (Metropolitan Statistical Area)	276
San Diego-Carlsbad, CA (Metropolitan Statistical Area)	274
Washington-Arlington-Alexandria, DC-VA-MD-WV (Metropolitan Statistical Area)	199
Los Angeles-Long Beach-Anaheim, CA (Metropolitan Statistical Area)	153
Oxnard-Thousand Oaks-Ventura, CA (Metropolitan Statistical Area)	153
Seattle-Tacoma-Bellevue, WA (Metropolitan Statistical Area)	128
Chicago-Naperville-Elgin, IL-IN-WI (Metropolitan Statistical Area)	107
Trenton, NJ (Metropolitan Statistical Area)	100
San Jose-Sunnyvale-Santa Clara, CA (Metropolitan Statistical Area)	99
Durham-Chapel Hill, NC (Metropolitan Statistical Area)	91
Baltimore-Columbia-Towson, MD (Metropolitan Statistical Area)	51
Houston-The Woodlands-Sugar Land, TX (Metropolitan Statistical Area)	46

High Demand Areas by State: Communication 2020



TOP 15 HIRING REGIONS

State	Job Postings
California	1,217
Massachusetts	558
New Jersey	390
Pennsylvania	307
New York	231
Maryland	199
North Carolina	168
Washington	142
Illinois	128
Texas	107
Ohio	76
Colorado	67
Florida	58
Wisconsin	56
Michigan	48