

BU's BEST

Biomedical Workforce Data 2019



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*These data can also be found online at www.bu.edu/BEST.
This work is supported by NIH Grant DP7OD02032, BU's BEST.*

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.

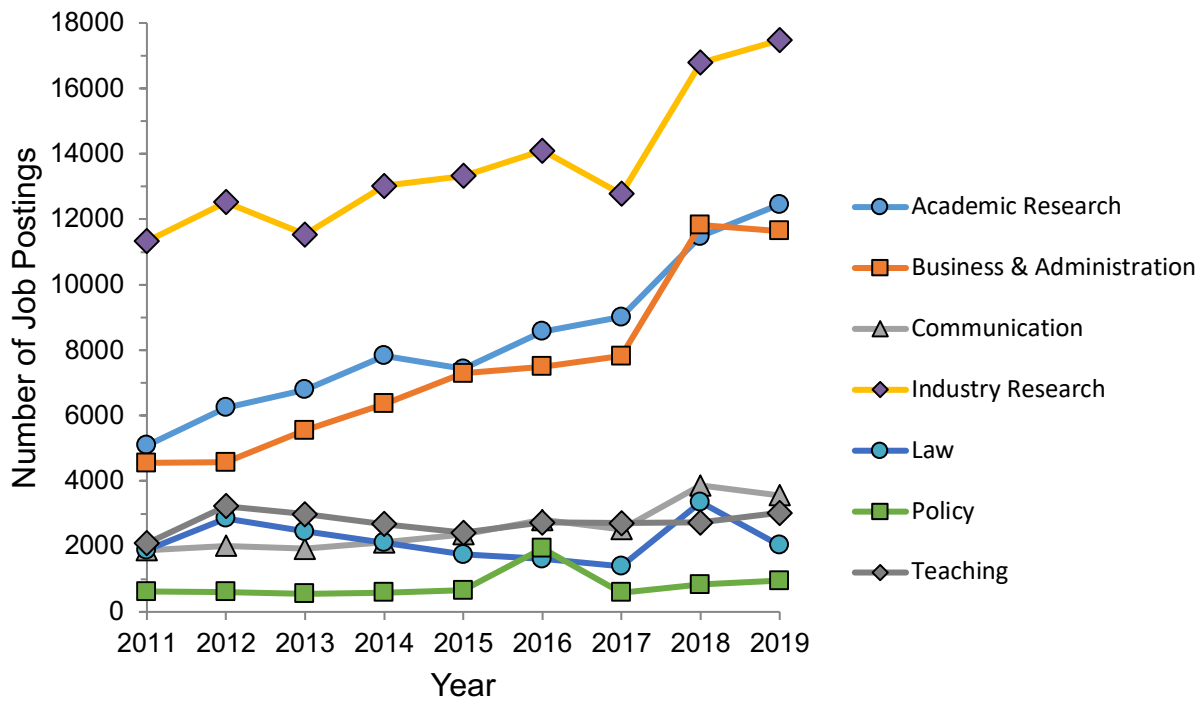
Caveats & Disclaimers

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

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

Career Paths: Job Trends Summary

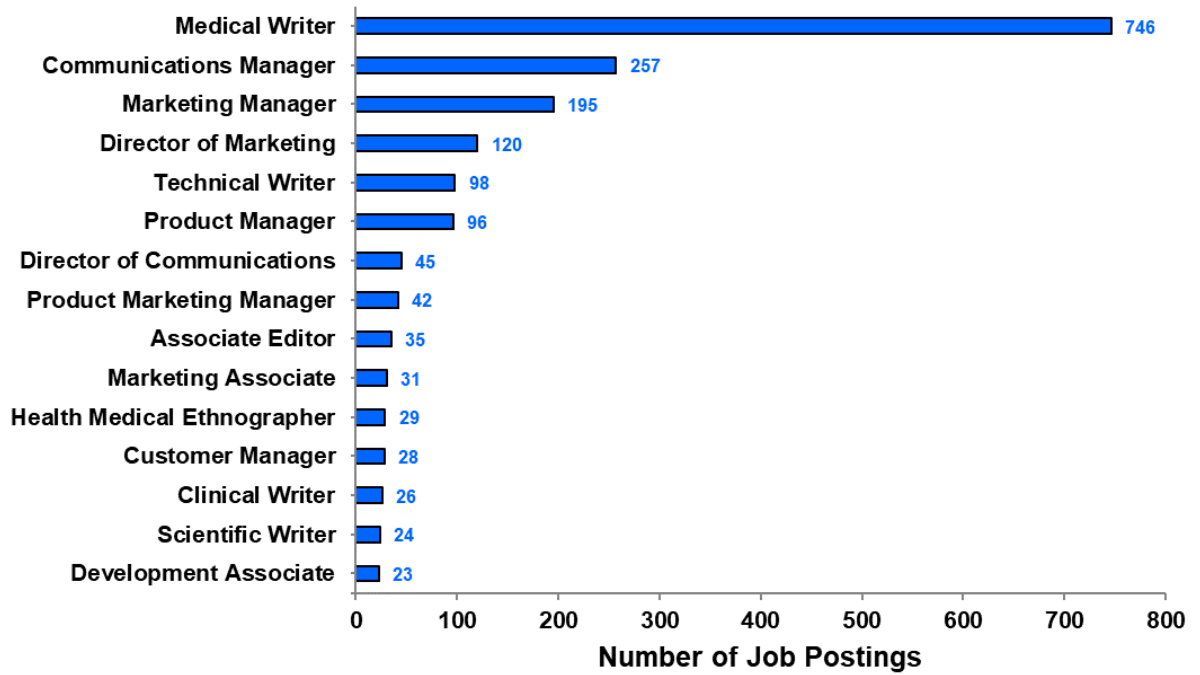
Job postings by year



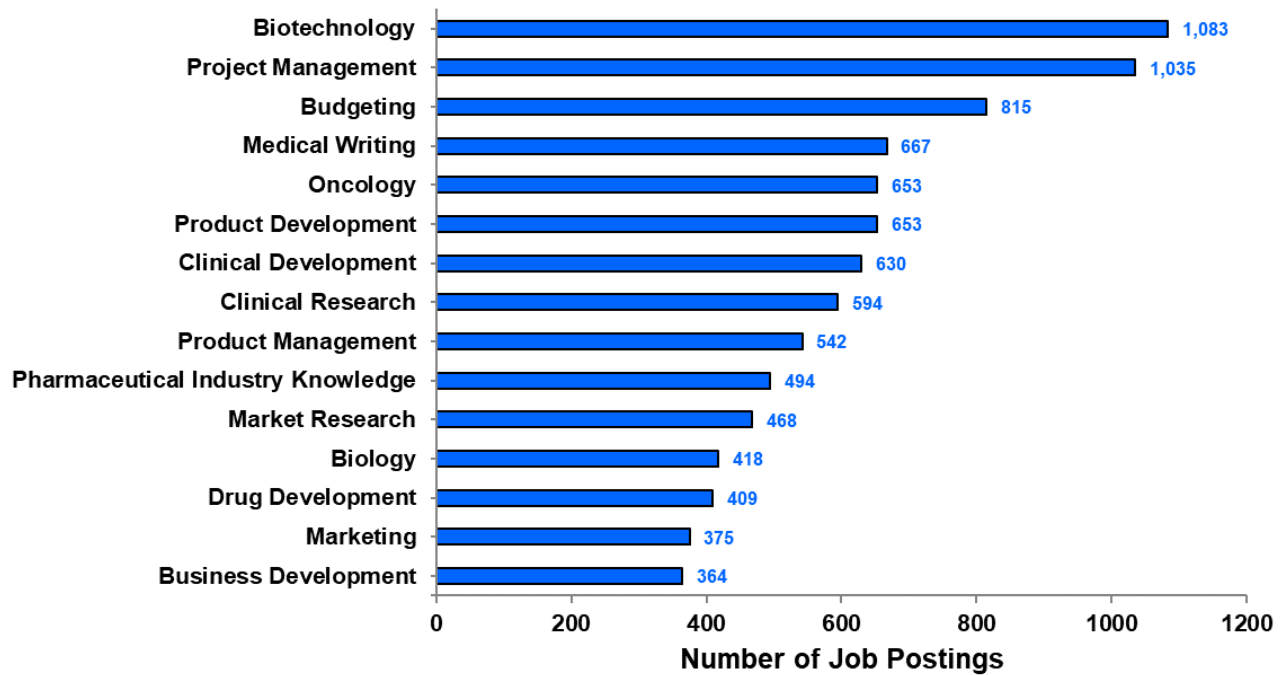
Communication

Number of job postings (nationwide):
3,564

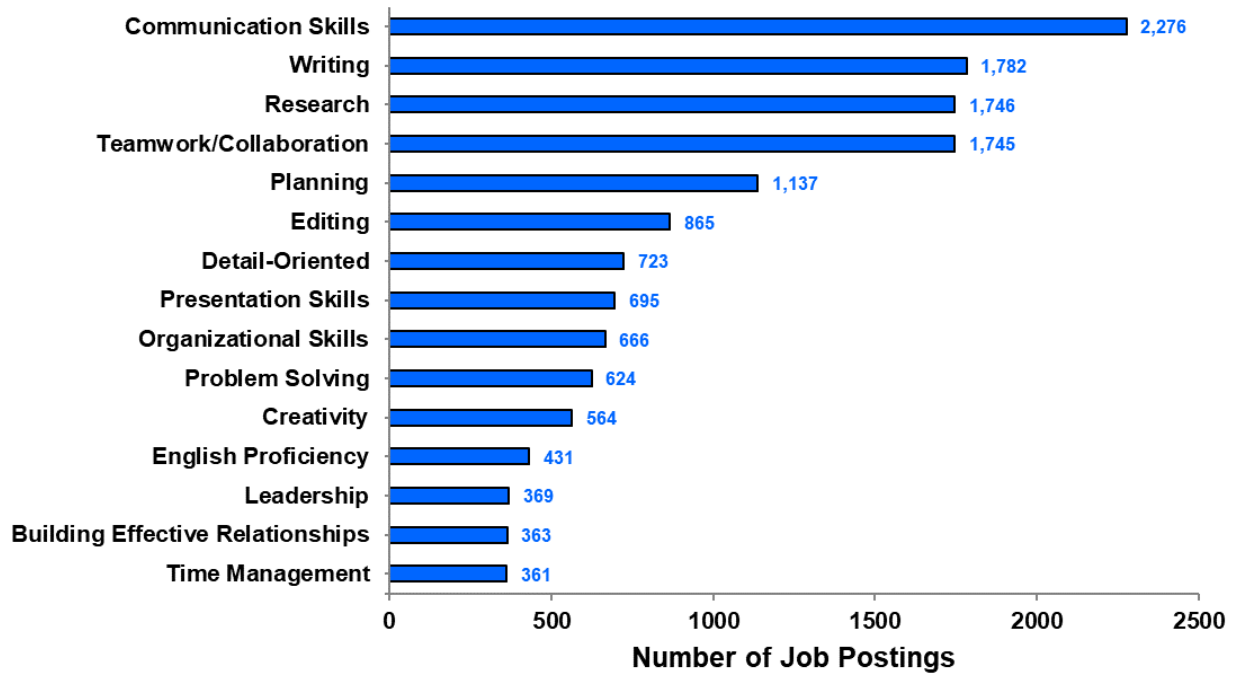
Top Job Titles: Communication 2019



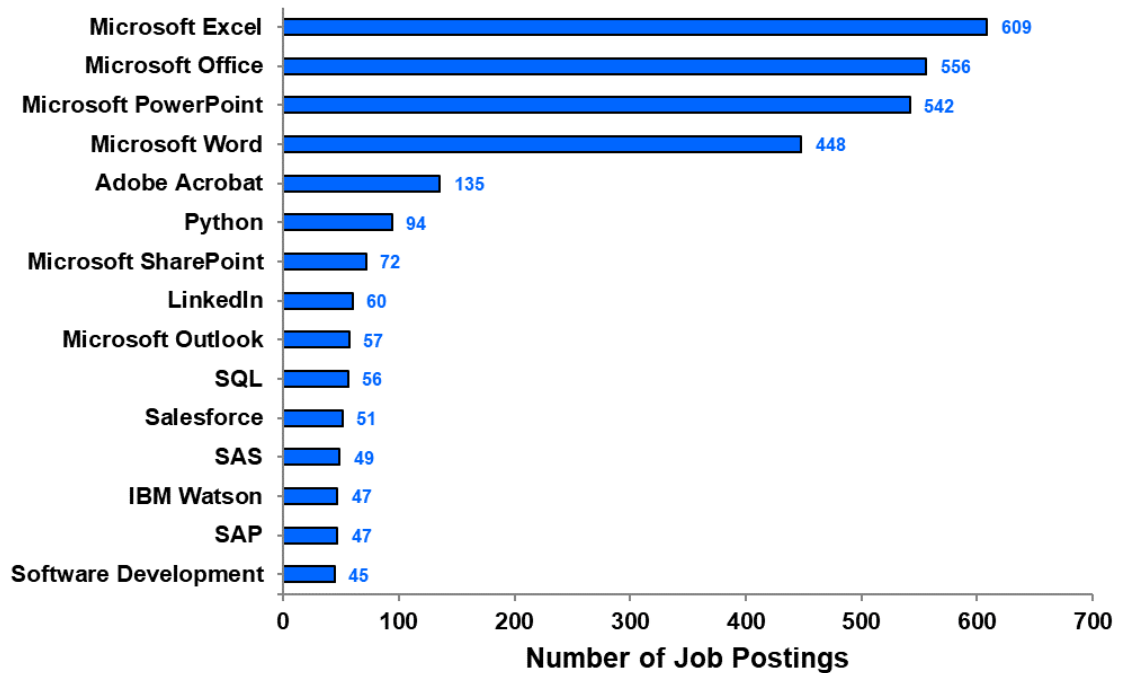
Specialized (Hard) Skills: Communication 2019



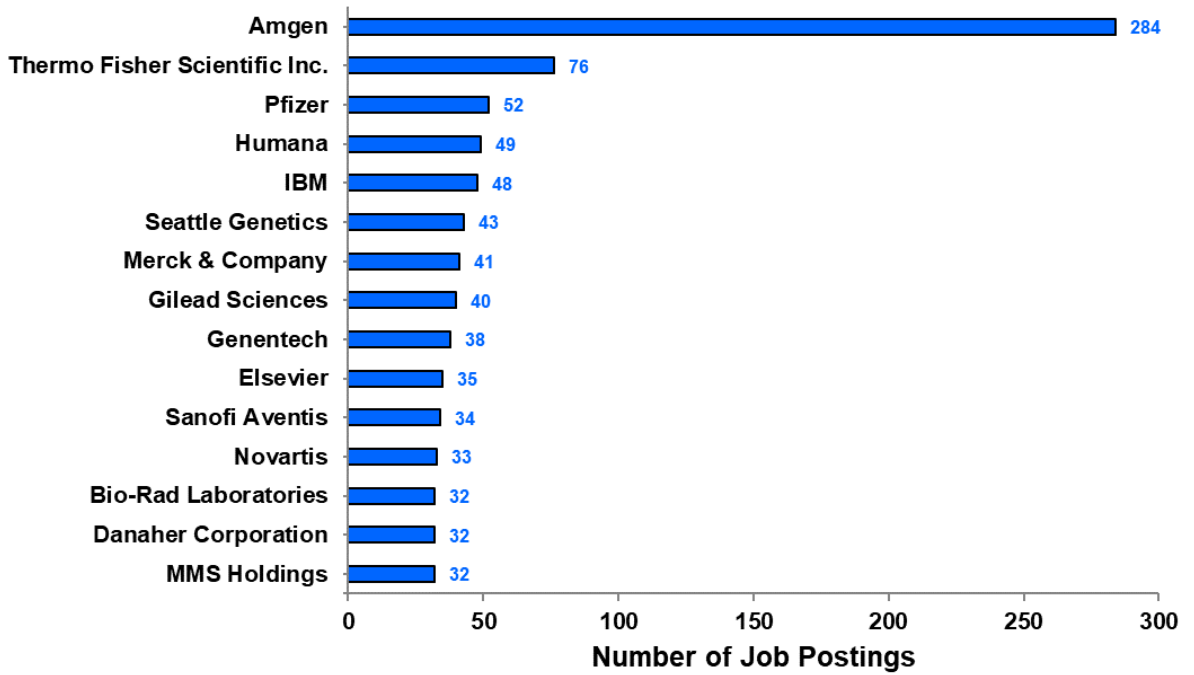
Baseline (Soft) Skills: Communication 2019



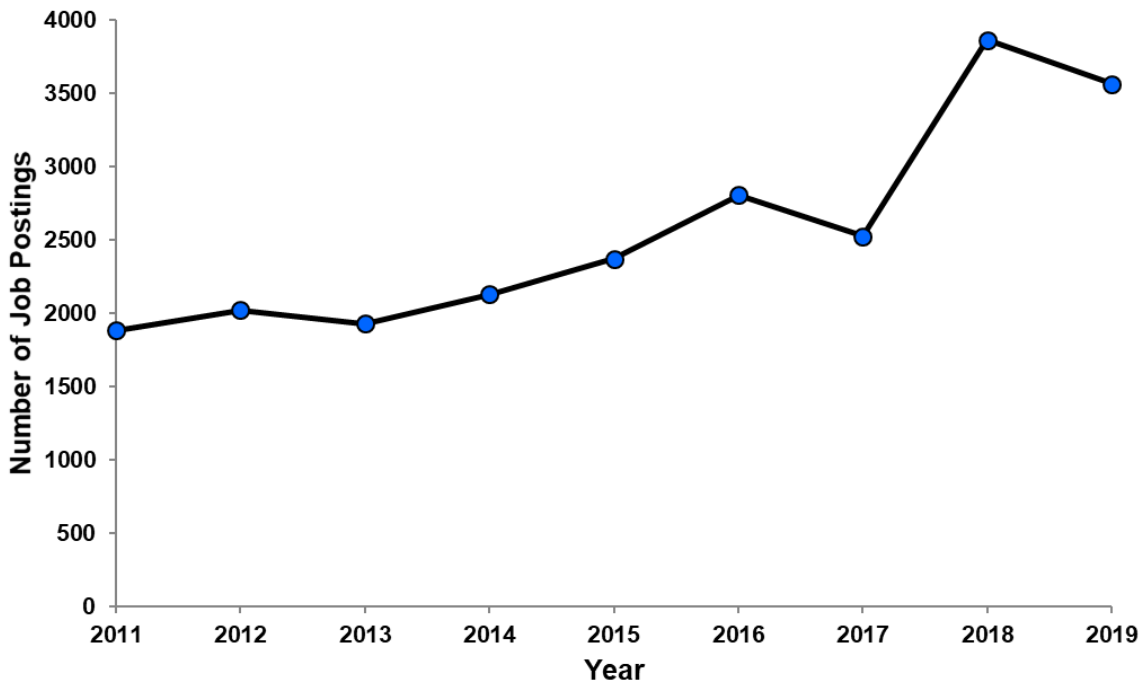
Computer Skills: Communication 2019



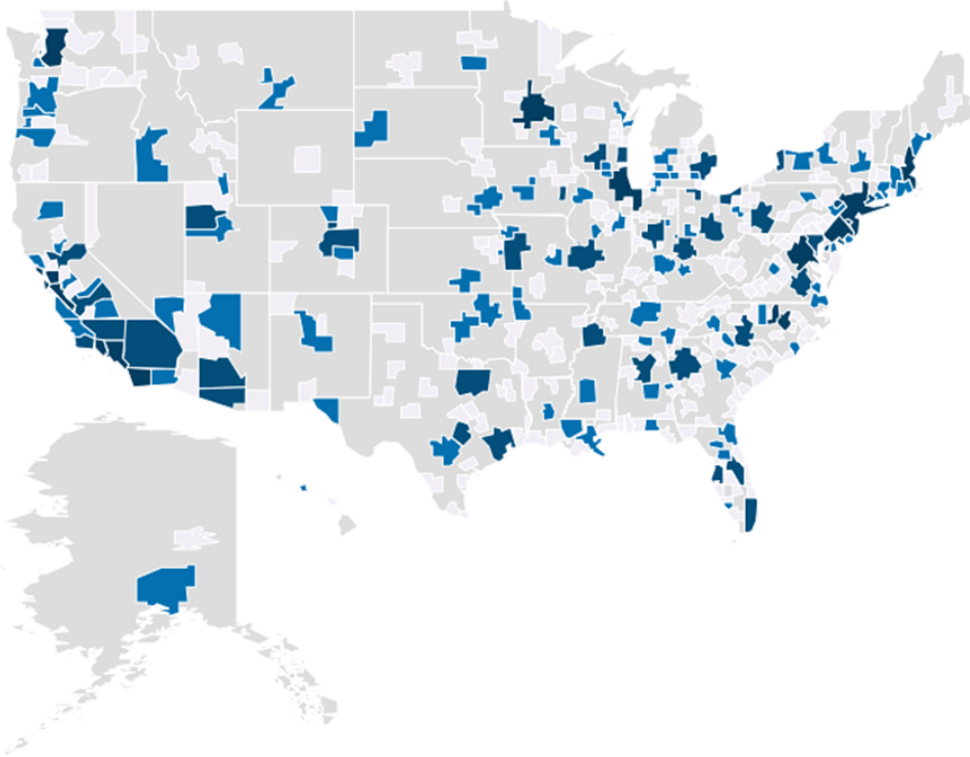
Top Employers: Communication 2019



Job Postings by Year: Communication 2019



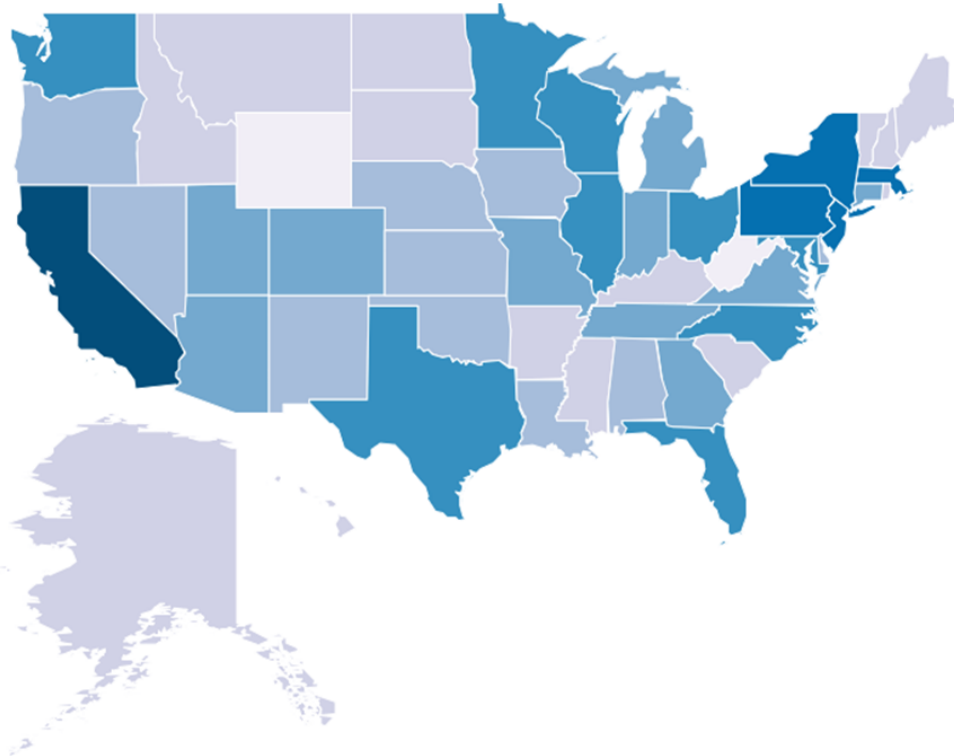
High Demand Areas by MSA: Communication 2019



TOP 15 HIRING REGIONS

Metro Area	Job Postings
New York-Newark-Jersey City, NY-NJ-PA (Metropolitan Statistical Area)	465
San Francisco-Oakland-Hayward, CA (Metropolitan Statistical Area)	437
Boston-Cambridge-Nashua, MA-NH (Metropolitan NECTA)	425
Oxnard-Thousand Oaks-Ventura, CA (Metropolitan Statistical Area)	237
Philadelphia-Camden-Wilmington, PA-NJ-DE-MD (Metropolitan Statistical Area)	227
San Diego-Carlsbad, CA (Metropolitan Statistical Area)	188
Los Angeles-Long Beach-Anaheim, CA (Metropolitan Statistical Area)	156
Washington-Arlington-Alexandria, DC-VA-MD-WV (Metropolitan Statistical Area)	129
San Jose-Sunnyvale-Santa Clara, CA (Metropolitan Statistical Area)	116
Seattle-Tacoma-Bellevue, WA (Metropolitan Statistical Area)	85
Trenton, NJ (Metropolitan Statistical Area)	85
Chicago-Naperville-Elgin, IL-IN-WI (Metropolitan Statistical Area)	82
Durham-Chapel Hill, NC (Metropolitan Statistical Area)	78
Minneapolis-St. Paul-Bloomington, MN-WI (Metropolitan Statistical Area)	49
Raleigh, NC (Metropolitan Statistical Area)	31

High Demand Areas by State: Communication 2019



TOP 15 HIRING REGIONS

State	Job Postings
California	1,228
Massachusetts	437
New Jersey	364
Pennsylvania	236
New York	221
North Carolina	128
Maryland	114
Illinois	90
Washington	89
Ohio	71
Texas	68
Minnesota	54
Florida	48
Wisconsin	30
District of Columbia	29

