

BU's BEST

Biomedical Workforce Data 2018



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This data can also be found online at:
www.bu.edu/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.

Workflow

1. Craft a search based on 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 or request a PhD.

Caveats & Disclaimers

Date ranges are January 2018 – December 2018 for job searches.

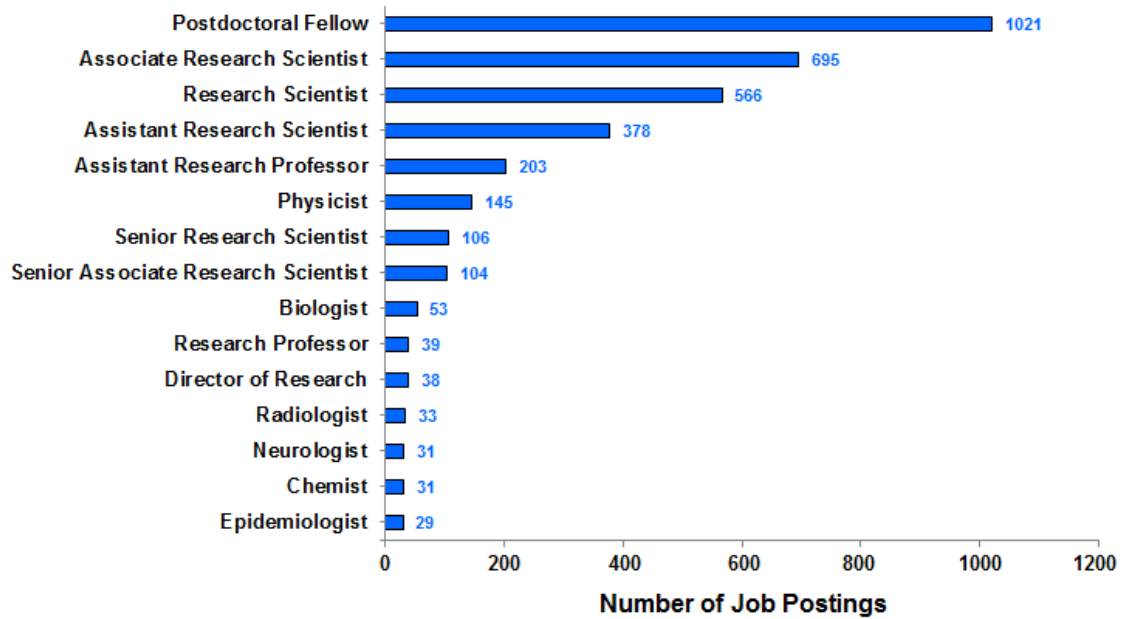
As the data are generated through job advertisements, small and mid-sized companies hiring small numbers of employees might not be listed in “top employers” but should not be ruled out.

Academic Research

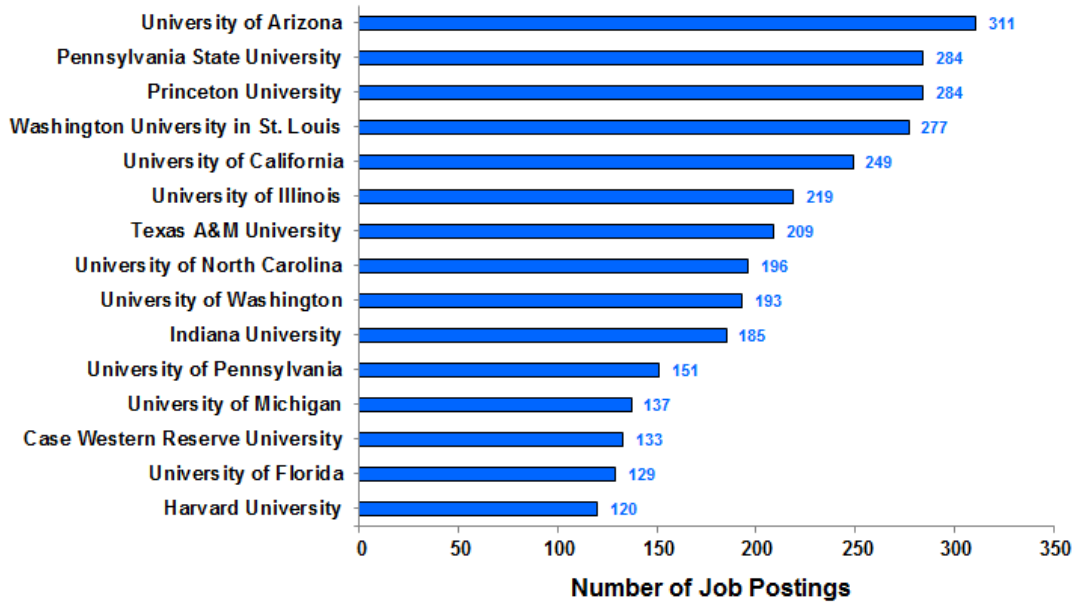
Number of Jobs Postings in Search:

10,099

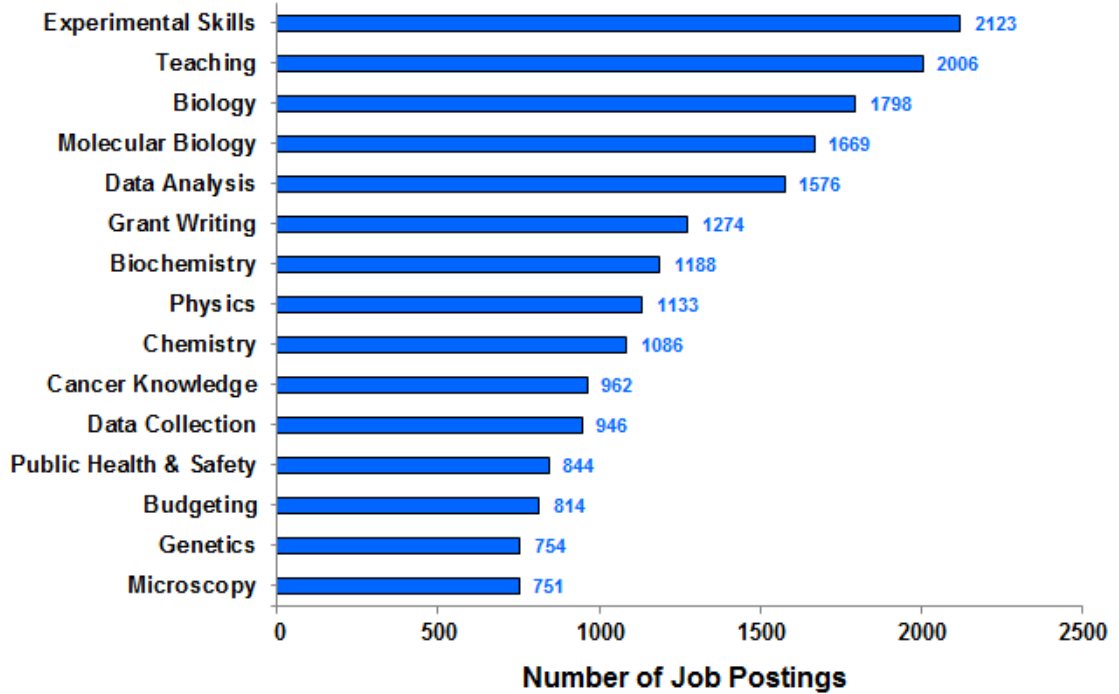
Top Job Titles: Academic Research



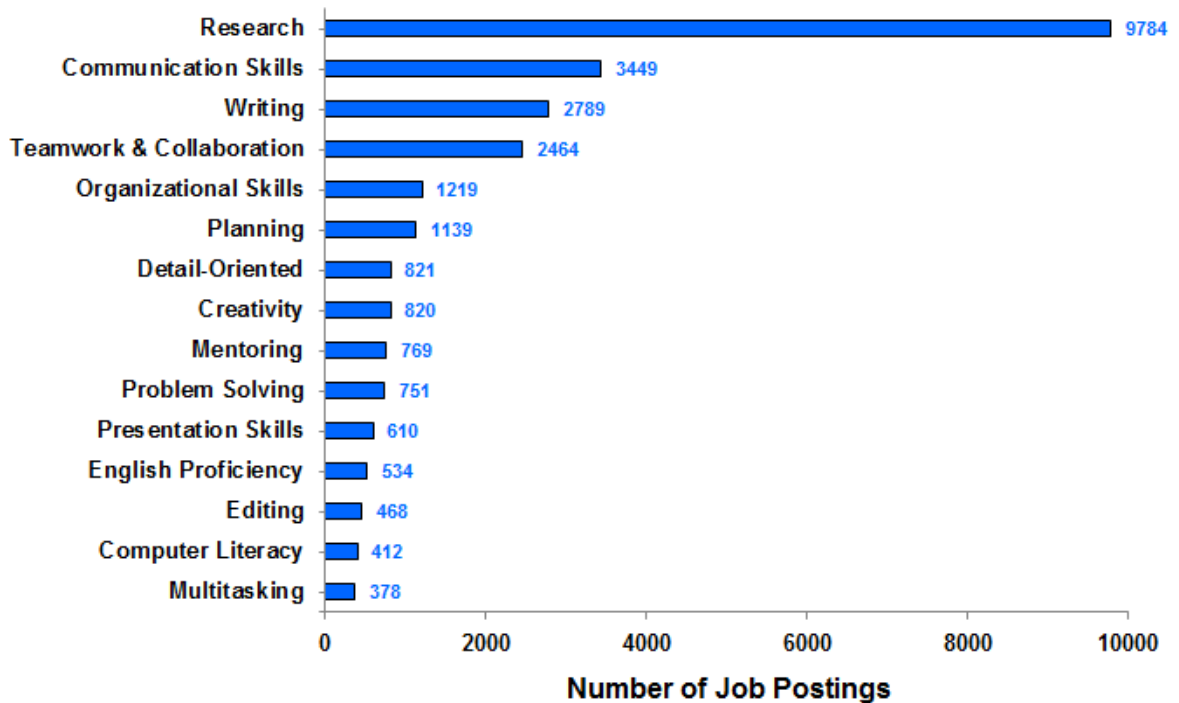
Top Employers: Academic Research



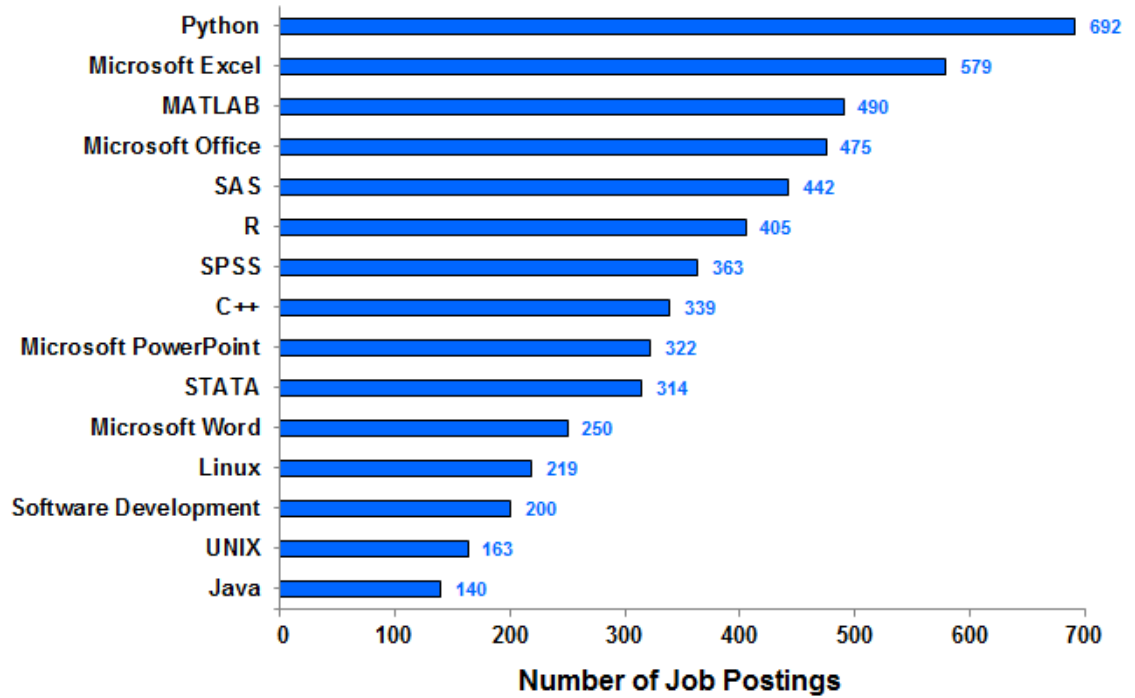
Specialized (Hard) Skills: Academic Research



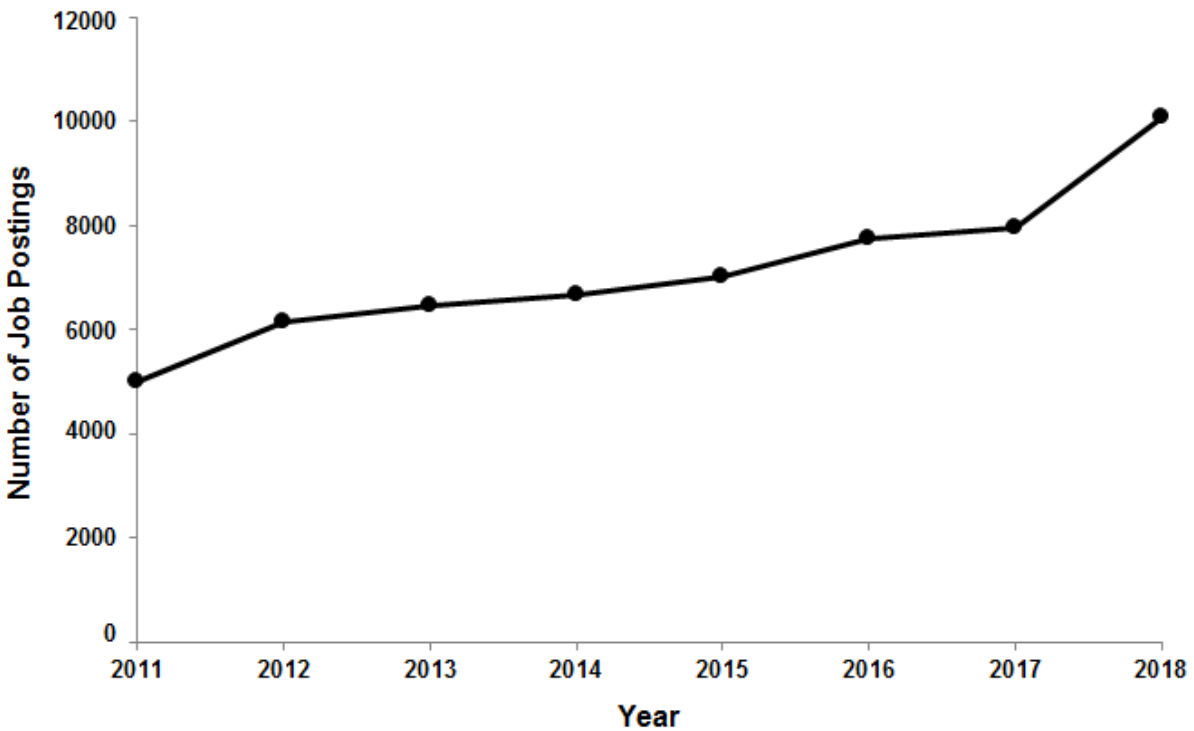
Baseline (Soft) Skills: Academic Research



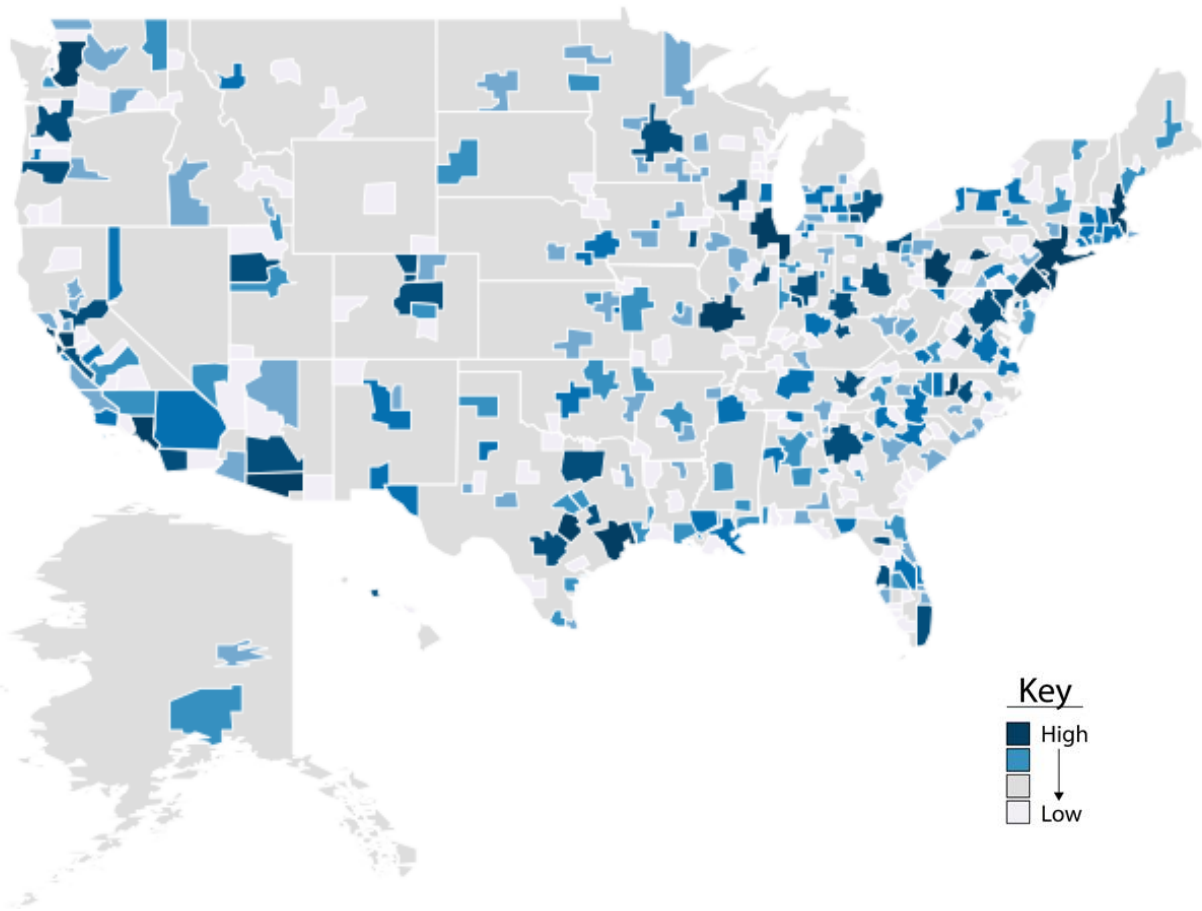
Computer Skills: Academic Research



Job Postings by Year: Academic Research



High Demand Areas: Academic Research



Metro Area	Job Postings
New York-Jersey City, NY-NJ-PA	566
Los Angeles-Long Beach-Anaheim, CA	525
Chicago-Naperville-Elgin, IL-IN-WI	482
San Francisco-Oakland-Hayward, CA	362
Boston-Cambridge-Nashua, MA-NH	350
Seattle-Tacoma-Bellevue, WA	290
Durham-Chapel Hill, NC	272
Tucson, AZ	268
Trenton, NJ	264
St. Louis, MO-IL	234
Philadelphia-Camden-Wilmington, PA-NJ-DE-MD	187
Houston-The Woodlands-Sugar Land, TX	186
State College, PA	173
Austin-Round Rock, TX	154
Pittsburgh, PA	153

Business & Administration

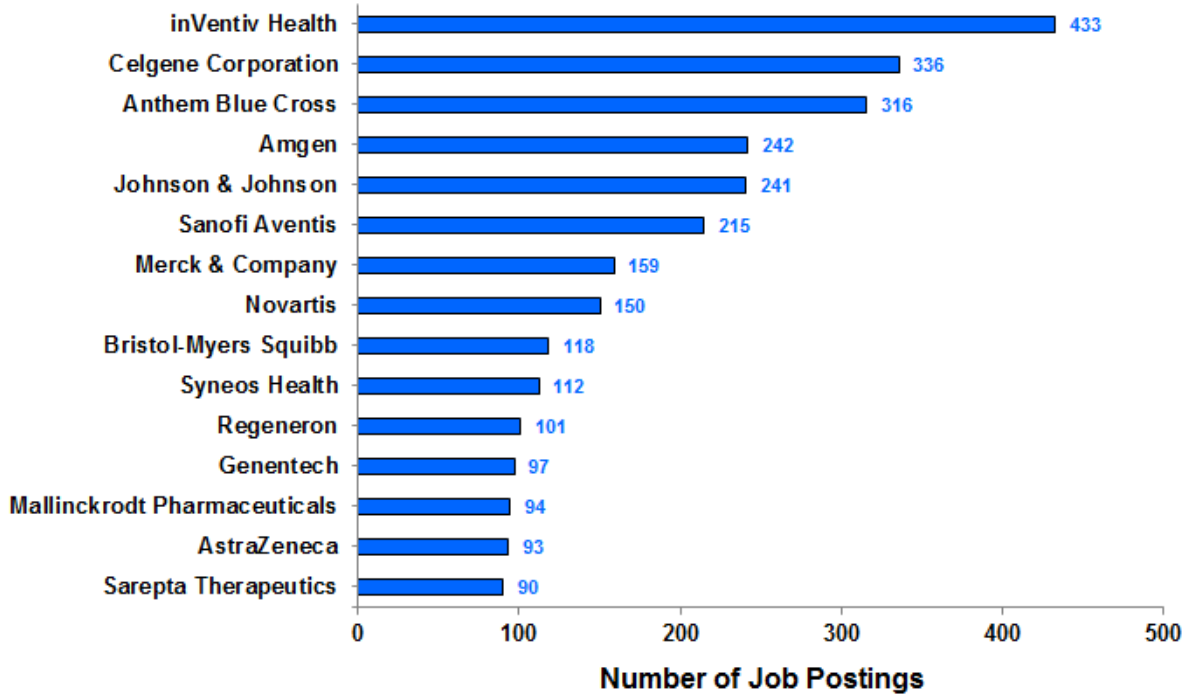
Number of Jobs Postings in Search:

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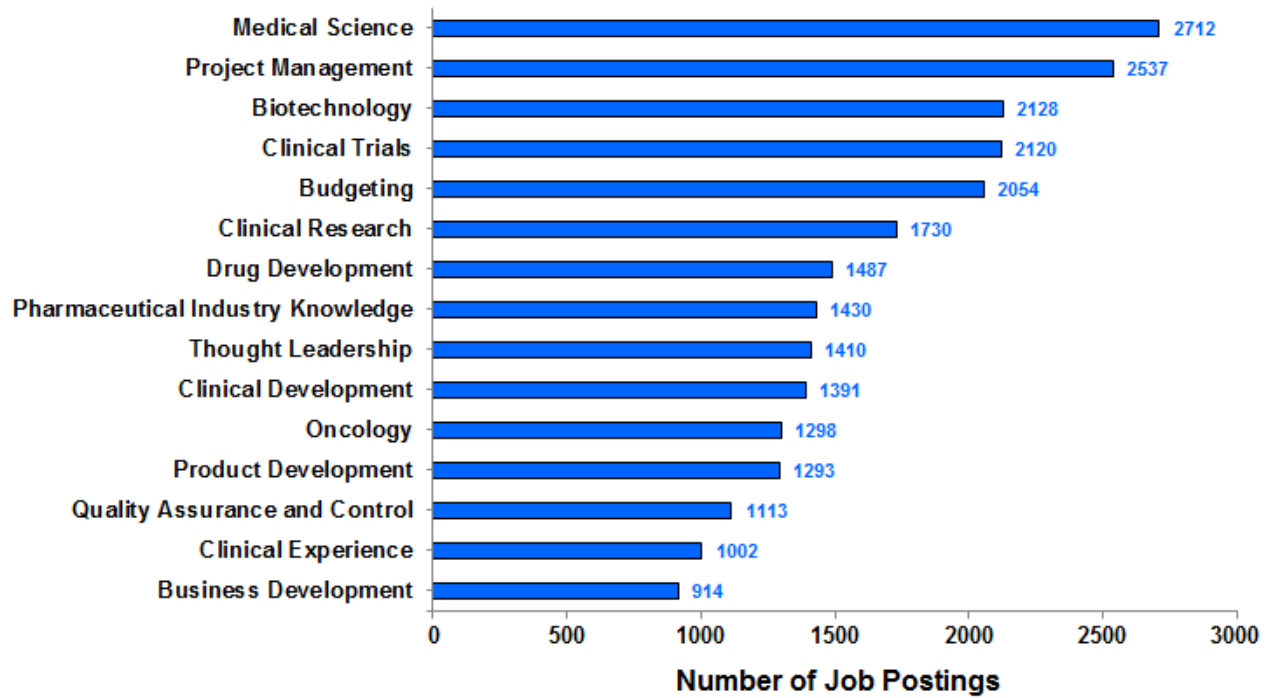
Top Job Titles: Business & Administration



Top Employers: Business & Administration



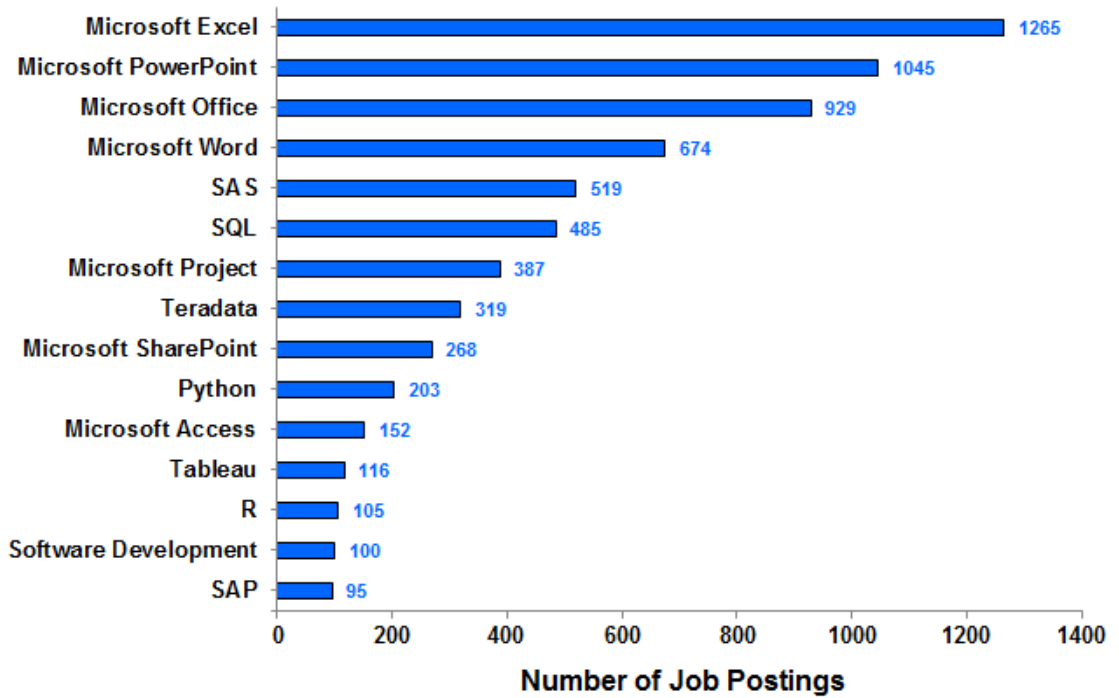
Specialized (Hard) Skills: Business & Administration



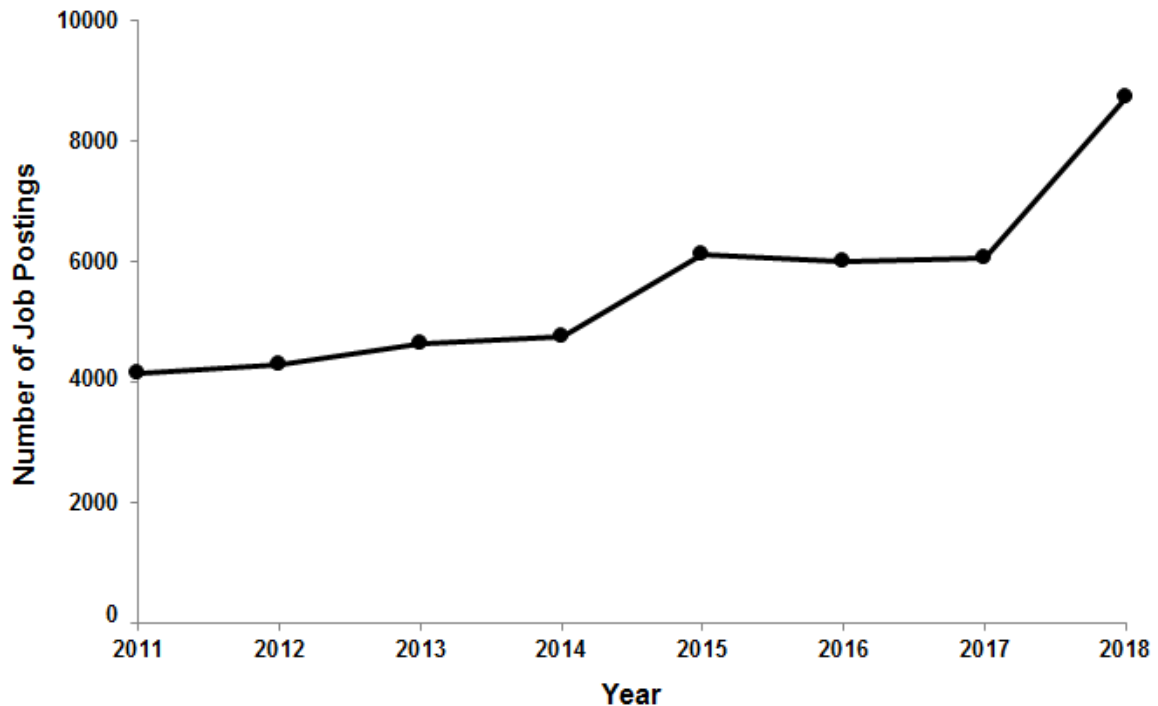
Baseline (Soft) Skills: Business & Administration



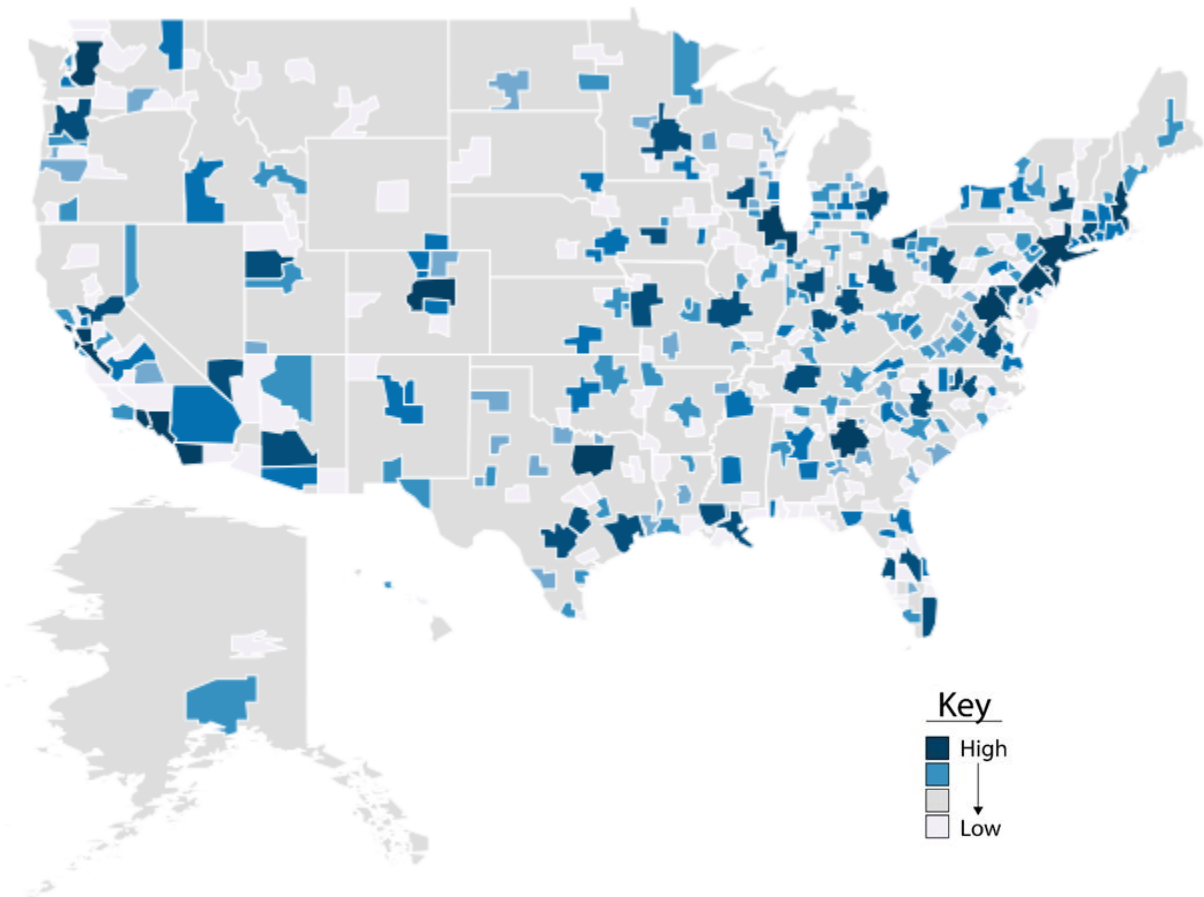
Computer Skills: Business & Administration



Job Postings by Year: Business & Administration



High Demand Areas: Business & Administration



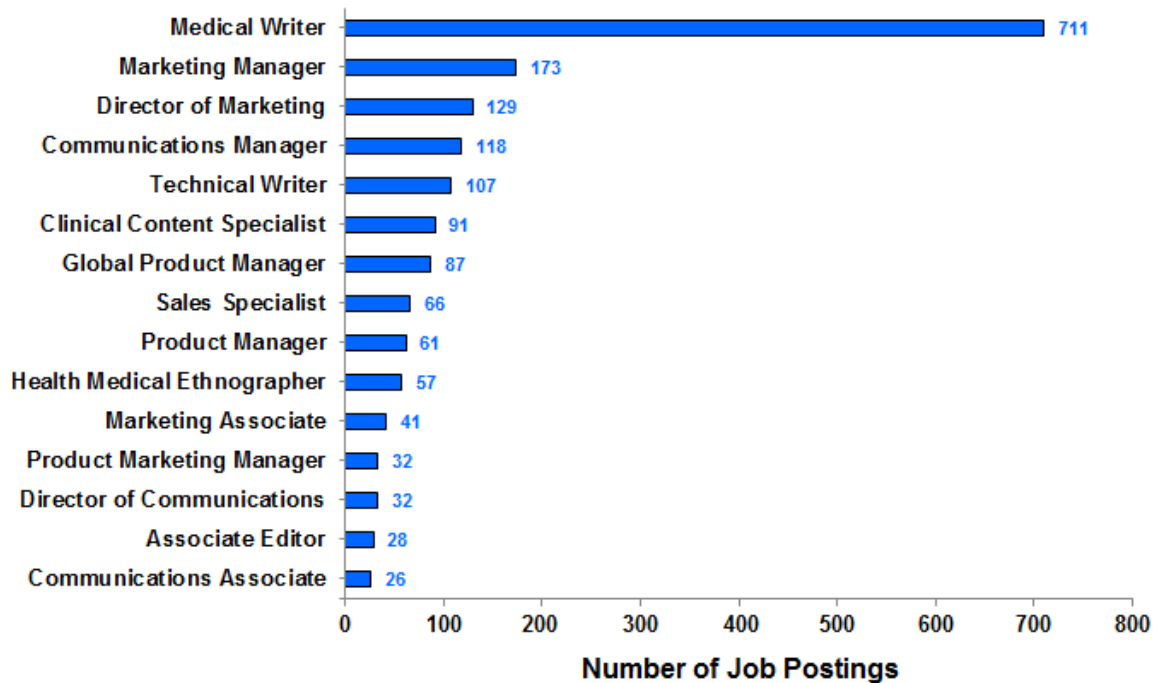
Metro Area	Job Postings
New York-Newark-Jersey City, NY-NJ-PA	973
Boston-Cambridge-Nashua, MA-NH	966
San Francisco-Oakland-Hayward, CA	719
Philadelphia-Camden-Wilmington, PA-NJ-DE-MD	419
Washington-Arlington-Alexandria, DC-VA-MD-WV	330
Los Angeles-Long Beach-Anaheim, CA	319
Chicago-Naperville-Elgin, IL-IN-WI	309
San Diego-Carlsbad, CA	246
Seattle-Tacoma-Bellevue, WA	204
Oxnard-Thousand Oaks-Ventura, CA	178
Denver-Aurora-Lakewood, CO	137
Atlanta-Sandy Springs-Roswell, GA	133
Dallas-Fort Worth-Arlington, TX	133
Trenton, NJ	133
San Jose-Sunnyvale-Santa Clara, CA	129

Communication

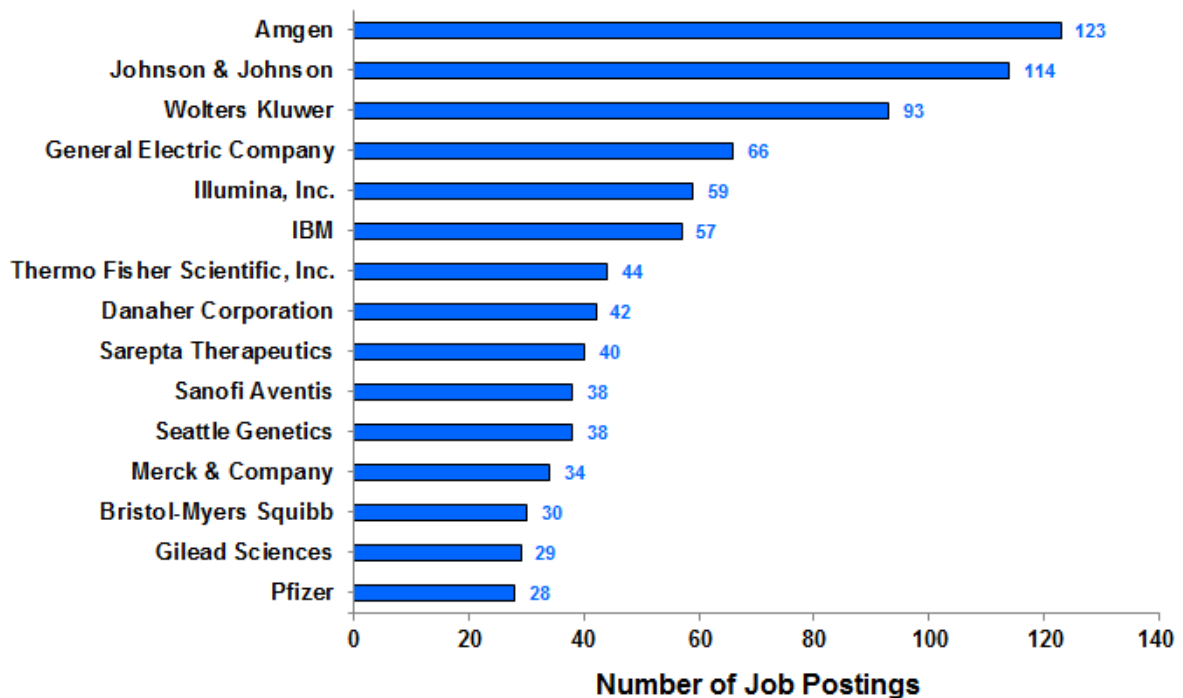
Number of Jobs Postings in Search:

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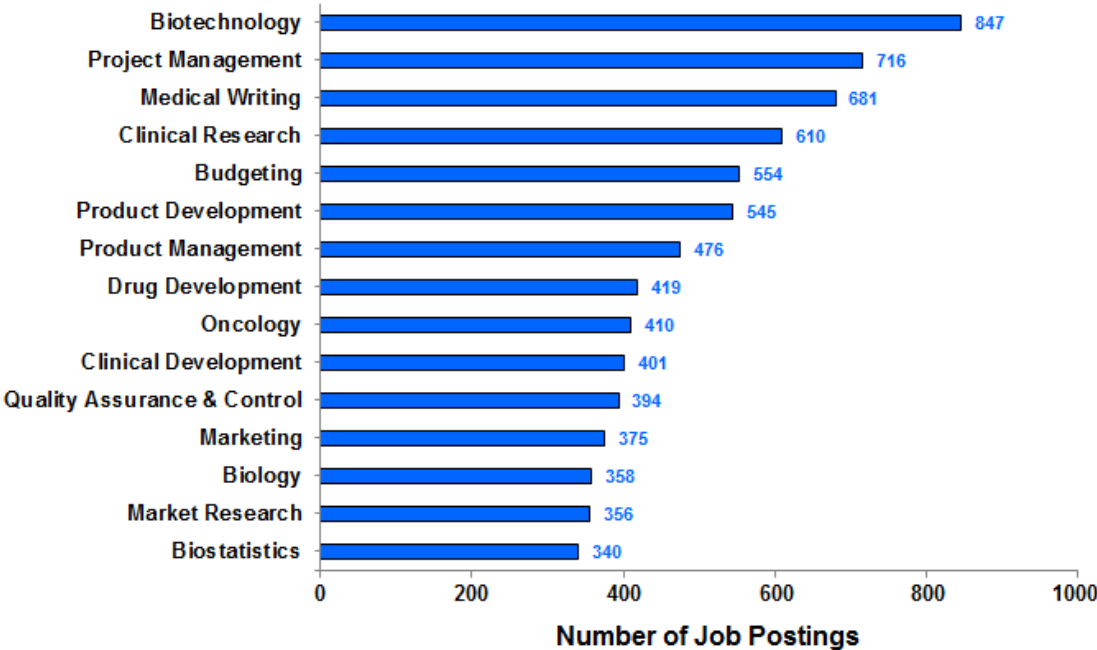
Top Job Titles: Communication



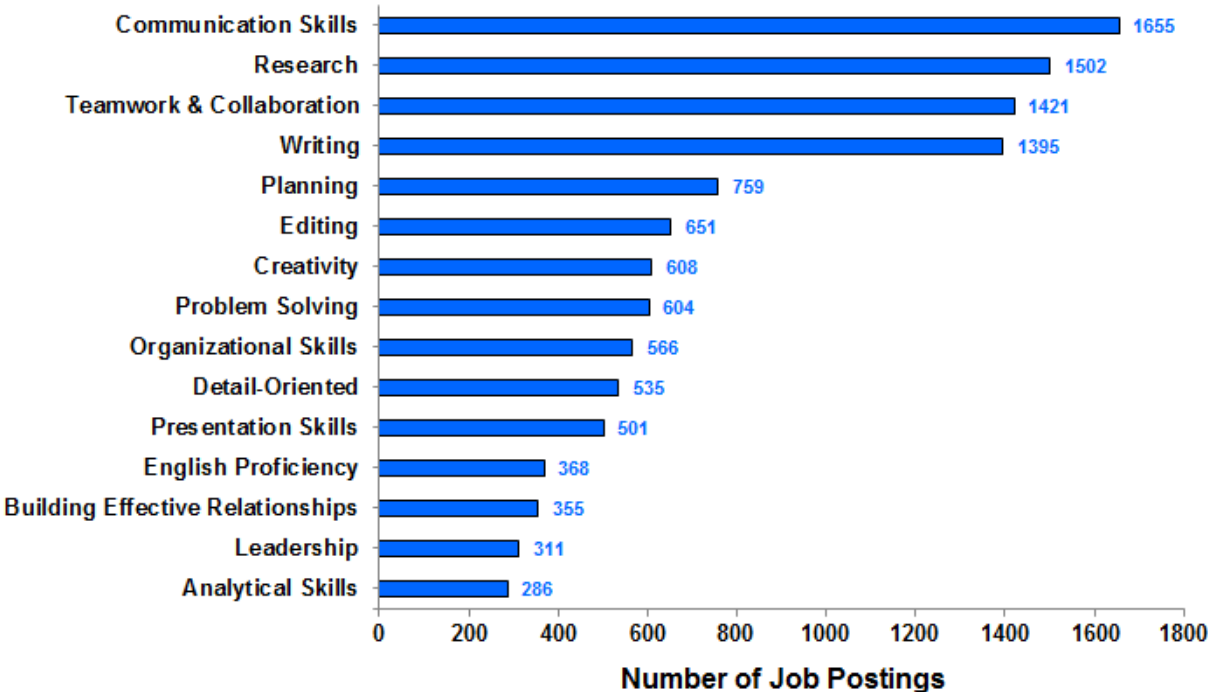
Top Employers: Communication



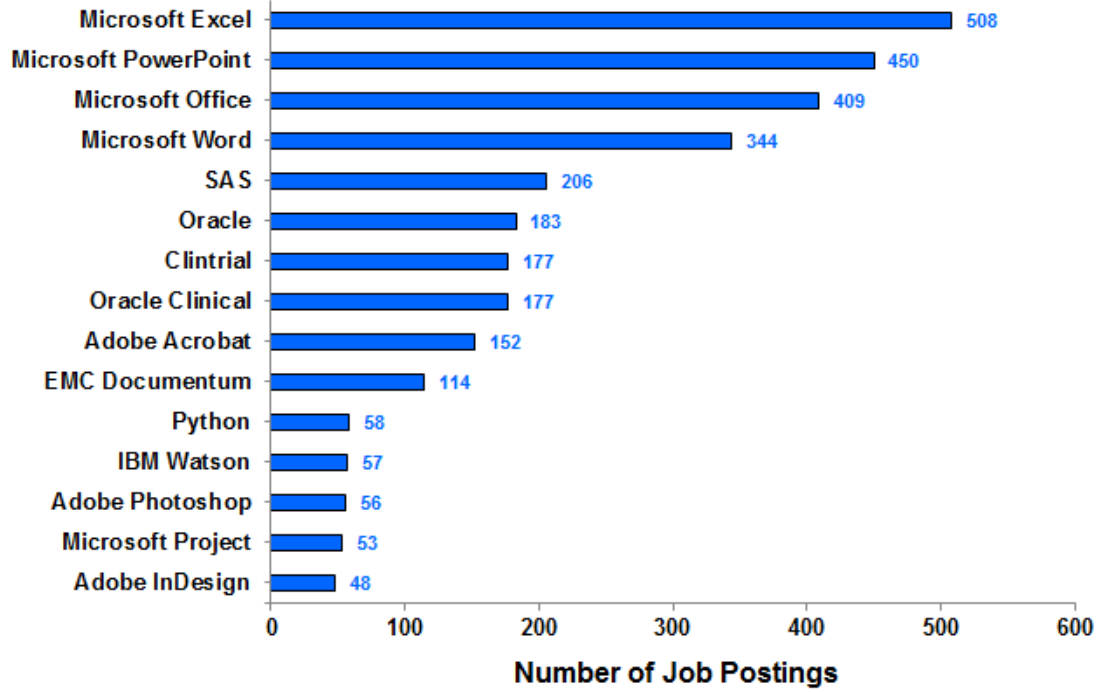
Specialized (Hard) Skills: Communication



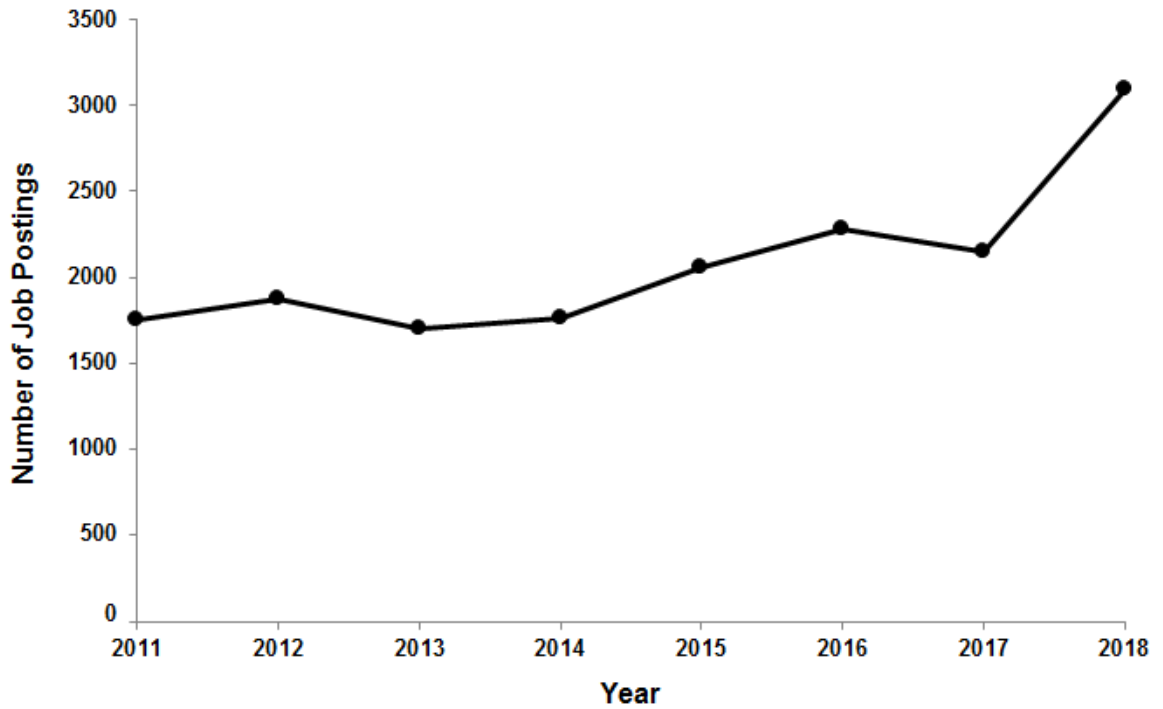
Baseline (Soft) Skills: Communication



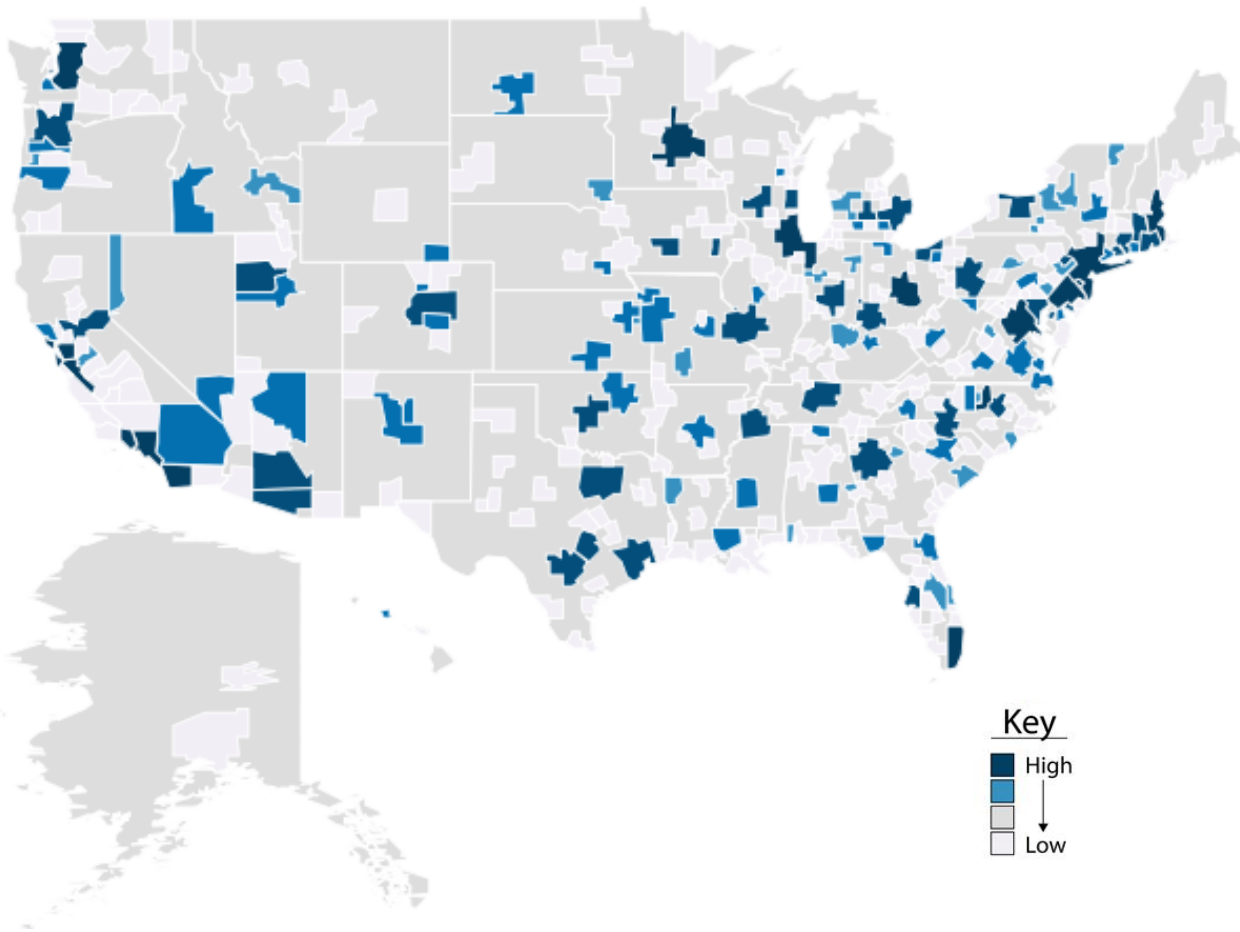
Computer Skills: Communication



Job Postings by Year: Communication



High Demand Areas: Communication



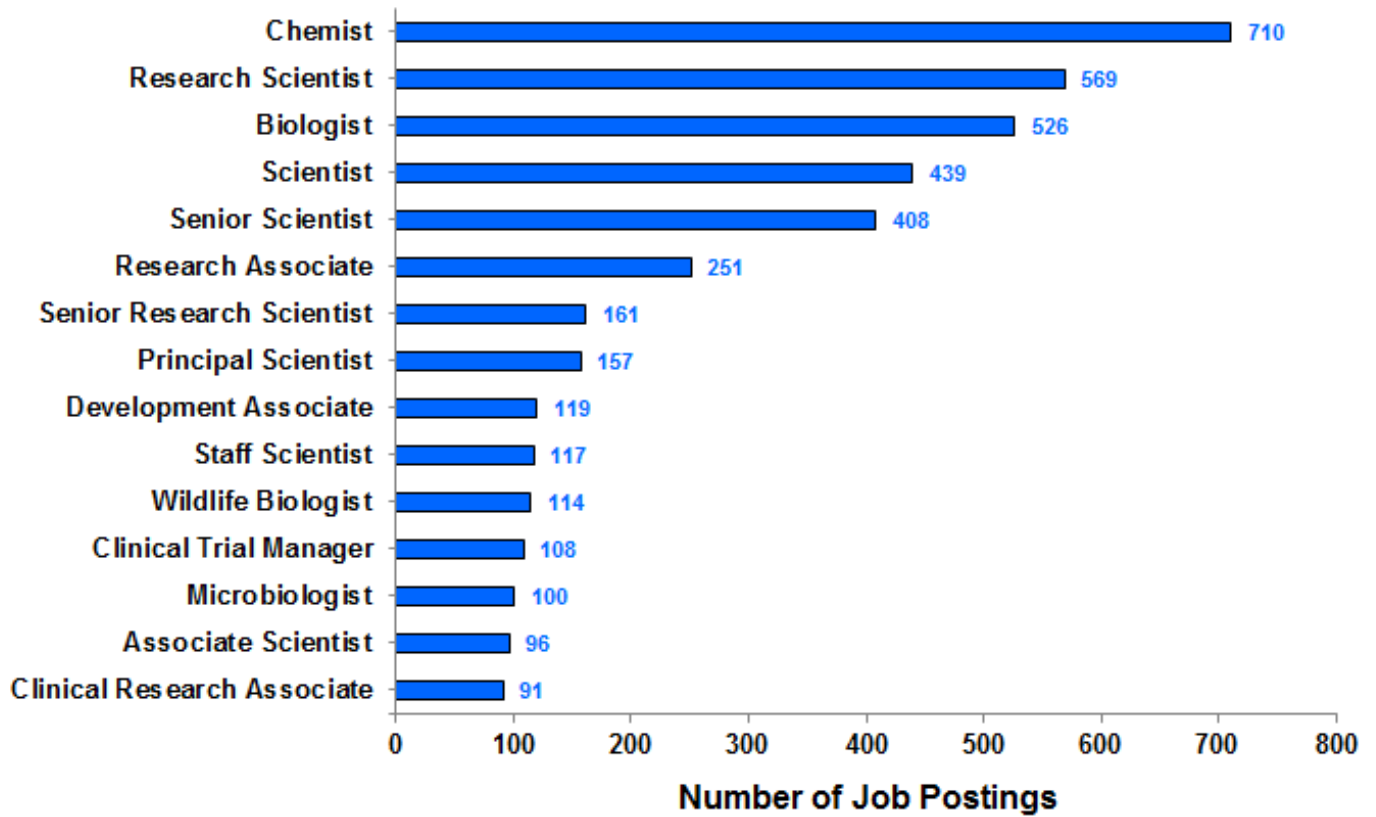
Metro Area	Job Postings
Boston-Cambridge-Nashua, MA-NH	536
New York-Newark-Jersey City, NY-NJ-PA	355
San Francisco-Oakland-Hayward, CA	284
Philadelphia-Camden-Wilmington, PA-NJ-DE-MD	145
San Diego-Carlsbad, CA	143
Oxnard-Thousand Oaks-Ventura, CA	142
Los Angeles-Long Beach-Anaheim, CA	118
Washington-Arlington-Alexandria, DC-VA-MD-WV	100
San Jose-Sunnyvale-Santa Clara, CA	98
Seattle-Tacoma-Bellevue, WA	79
Chicago-Naperville-Elgin, IL-IN-WI	74
Trenton, NJ	70
Durham-Chapel Hill, NC	39
Miami-Fort Lauderdale-West Palm Beach, FL	33
Columbus, OH	30

Industry Research

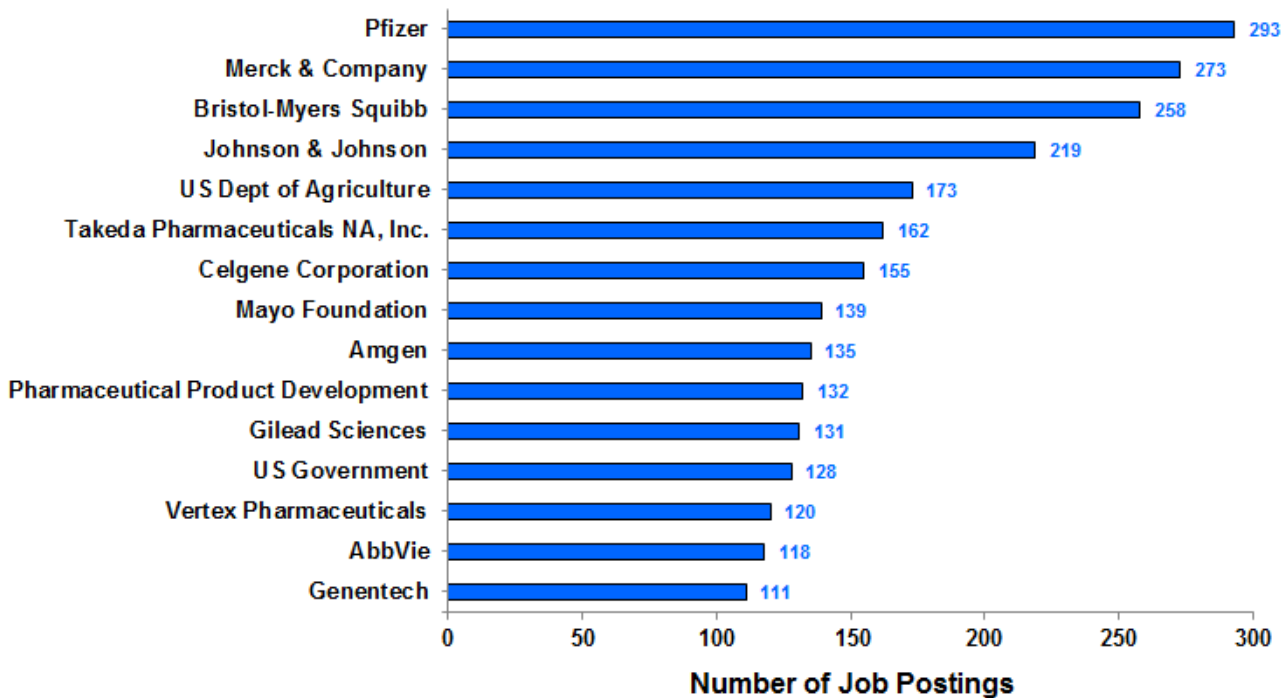
Number of Jobs Postings in Search:

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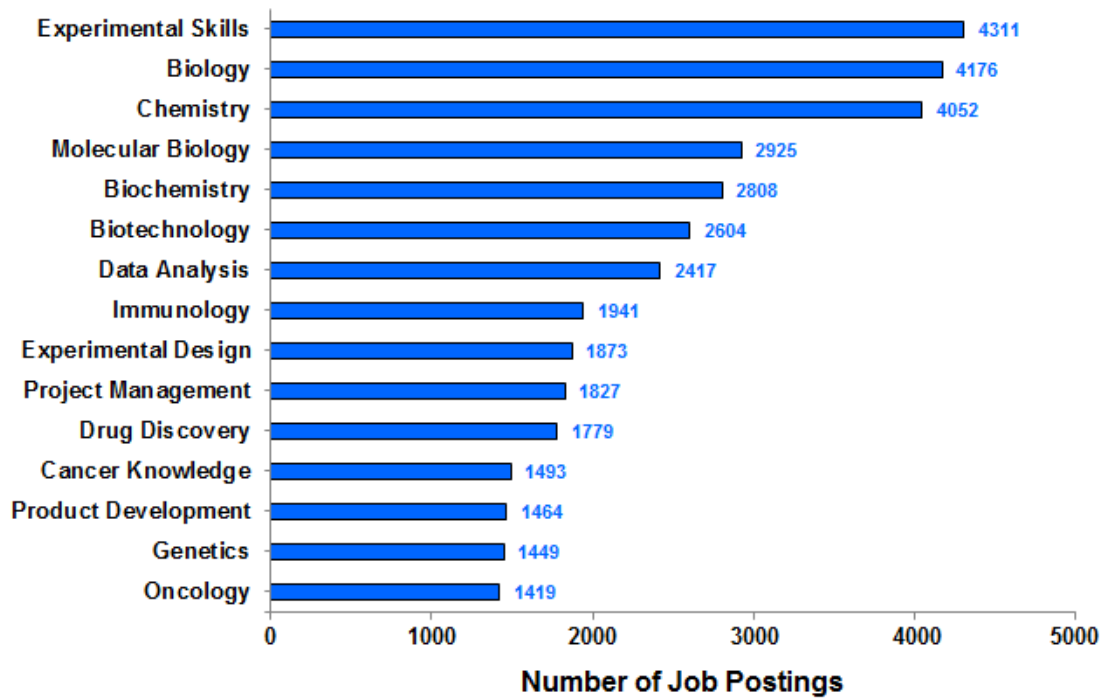
Top Job Titles: Industry Research



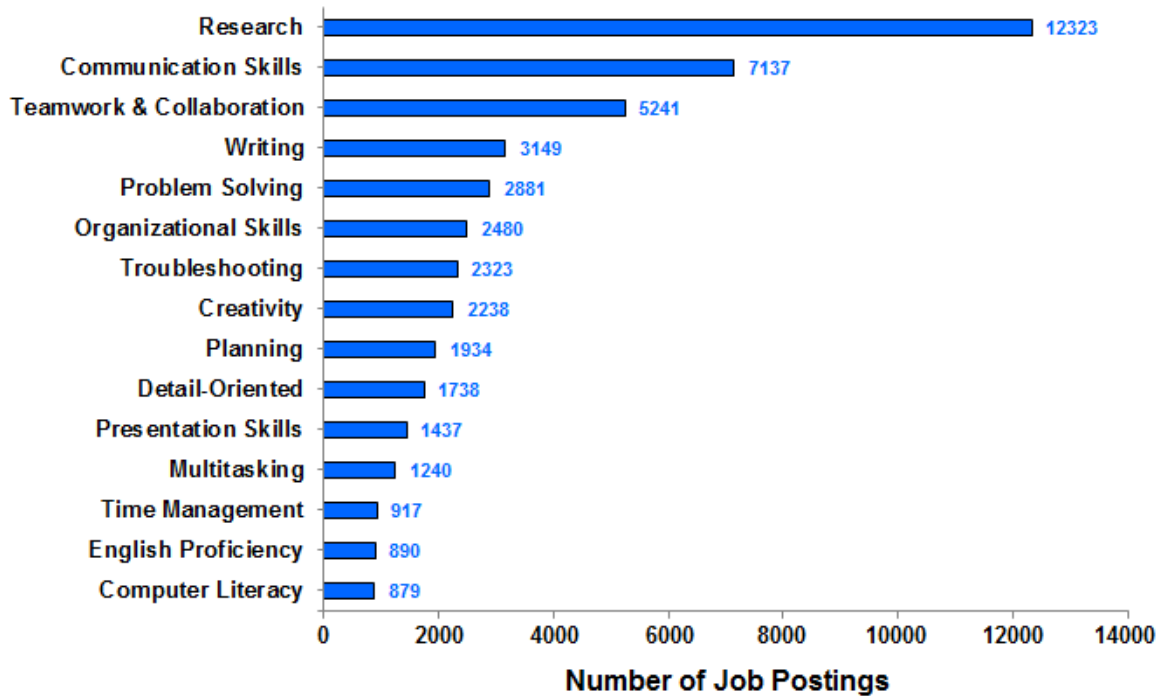
Top Employers: Industry Research



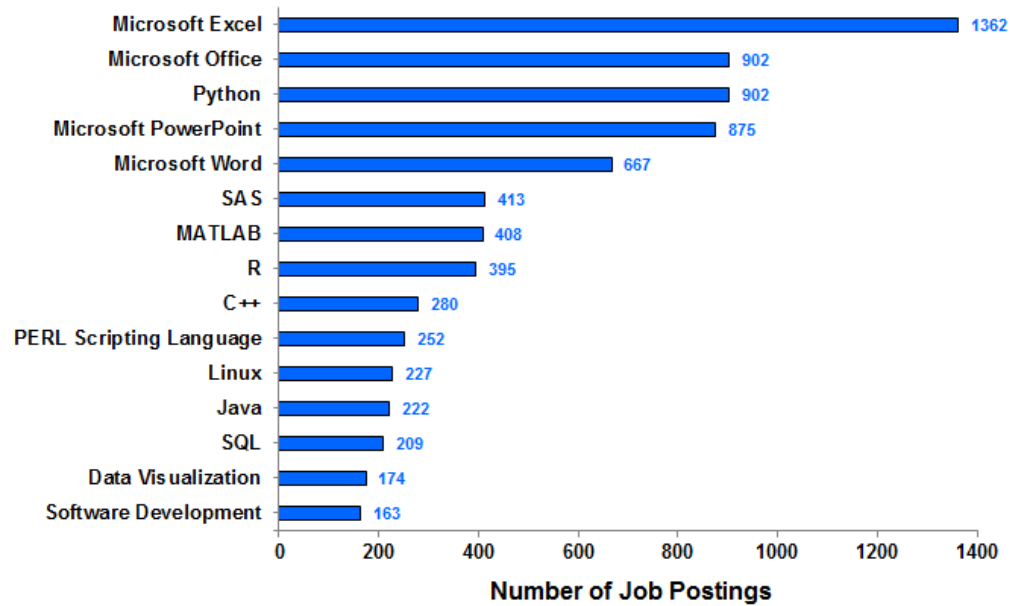
Specialized (Hard) Skills: Industry Research



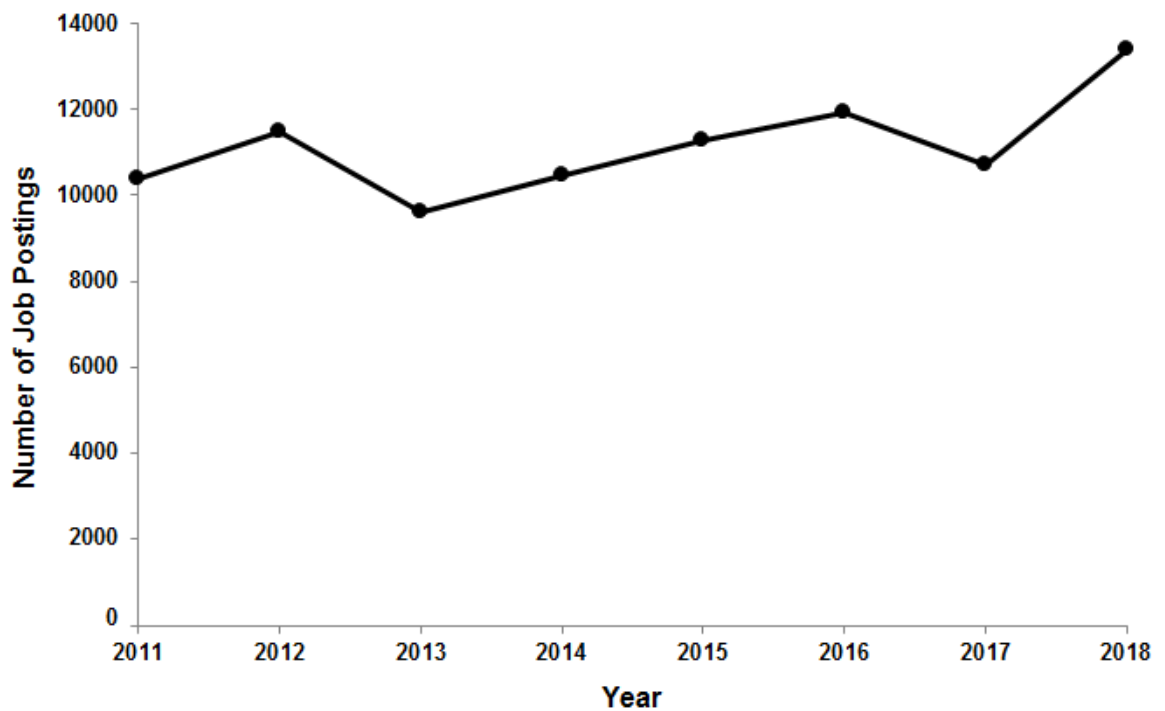
Baseline (Soft) Skills: Industry Research



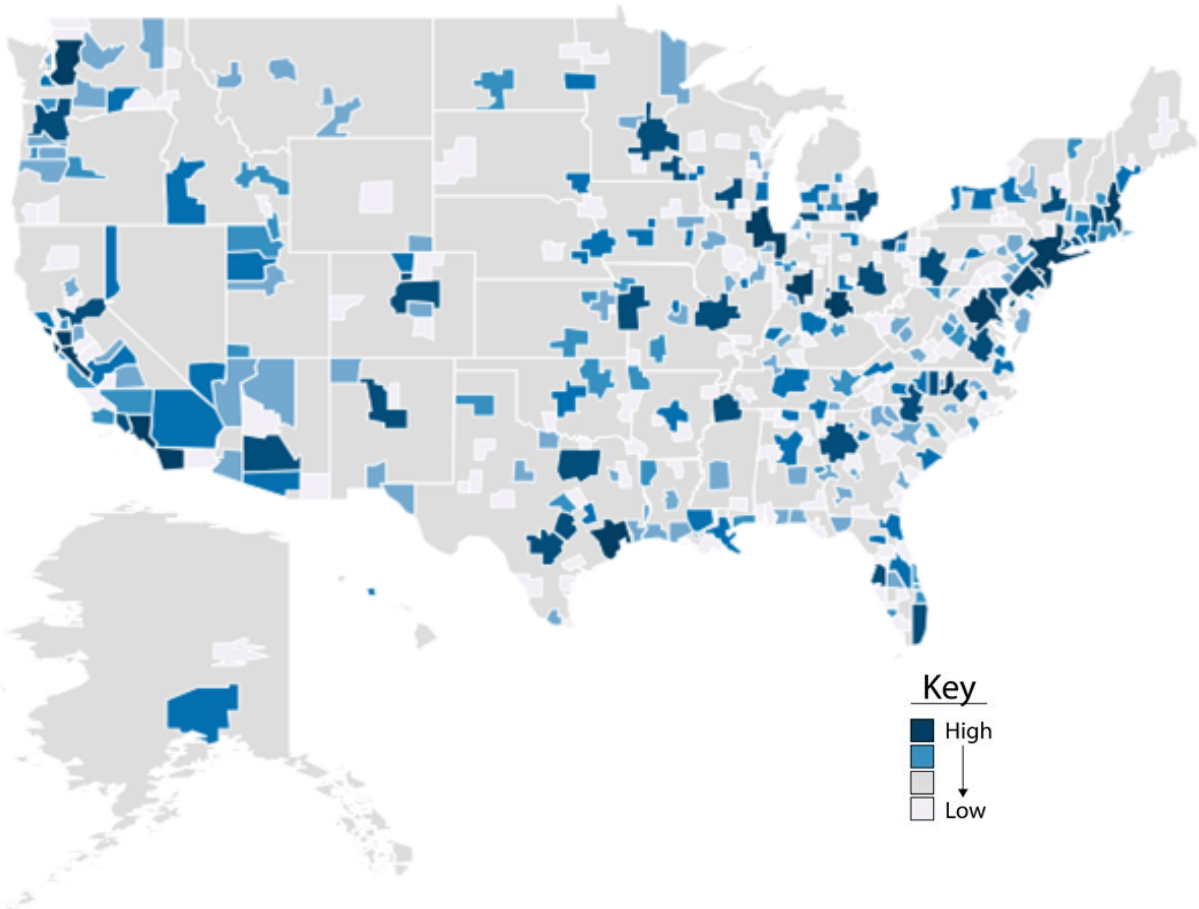
Computer Skills: Industry Research



Job Postings by Year: Industry Research



High Demand Areas: Industry Research



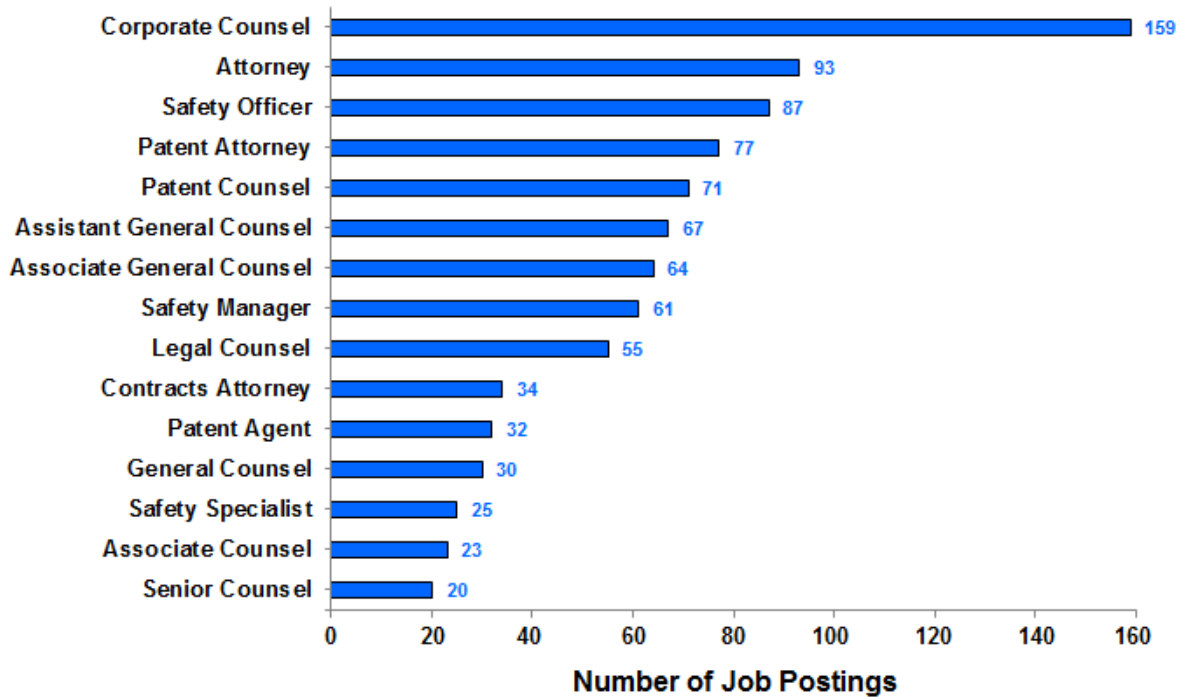
Metro Area	Job Postings
Boston-Cambridge-Nashua, MA-NH	2,164
San Francisco-Oakland-Hayward, CA	1,681
New York-Newark-Jersey City, NY-NJ-PA	1,103
Washington-Arlington-Alexandria, DC-VA-MD-WV	692
Philadelphia-Camden-Wilmington, PA-NJ-DE-MD	645
San Diego-Carlsbad, CA	630
Chicago-Naperville-Elgin, IL-IN-WI	382
San Jose-Sunnyvale-Santa Clara, CA	339
Los Angeles-Long Beach-Anaheim, CA	282
Seattle-Tacoma-Bellevue, WA	271
San Diego-Carlsbad, CA	249
Chicago-Naperville-Elgin, IL-IN-WI	214
San Jose-Sunnyvale-Santa Clara, CA	195
Los Angeles-Long Beach-Anaheim, CA	172
Seattle-Tacoma-Bellevue, WA	157

Law

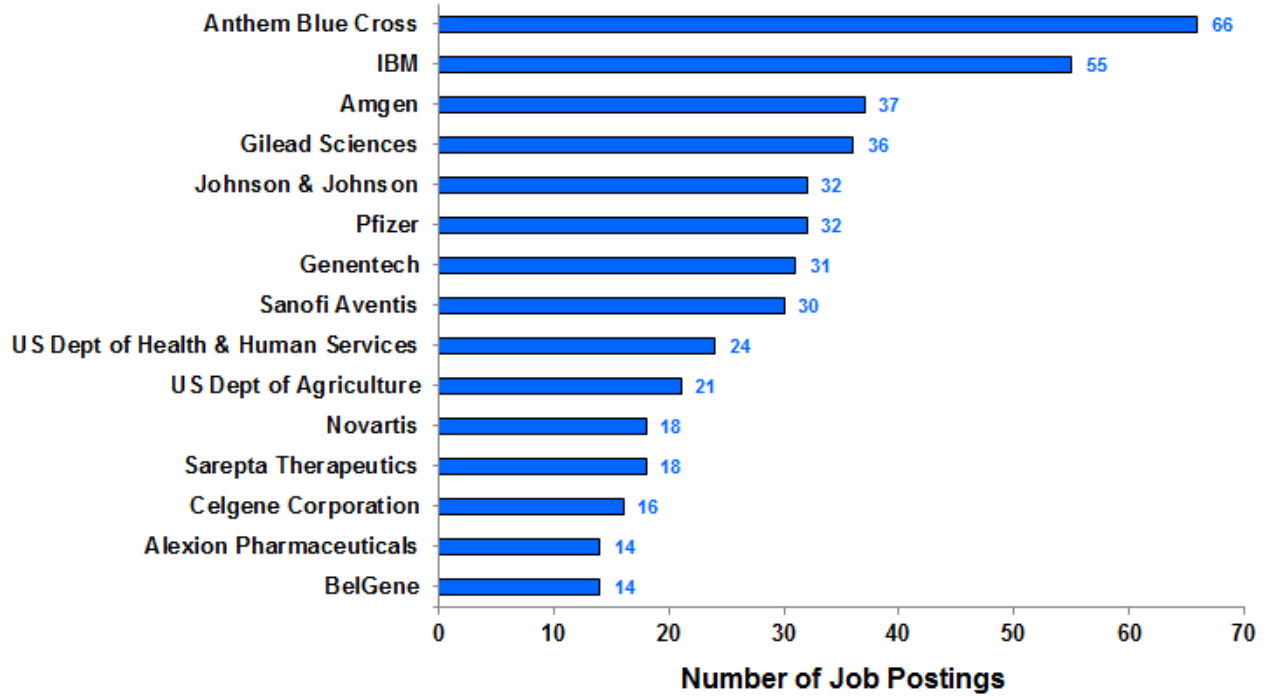
Number of Jobs Postings in Search:

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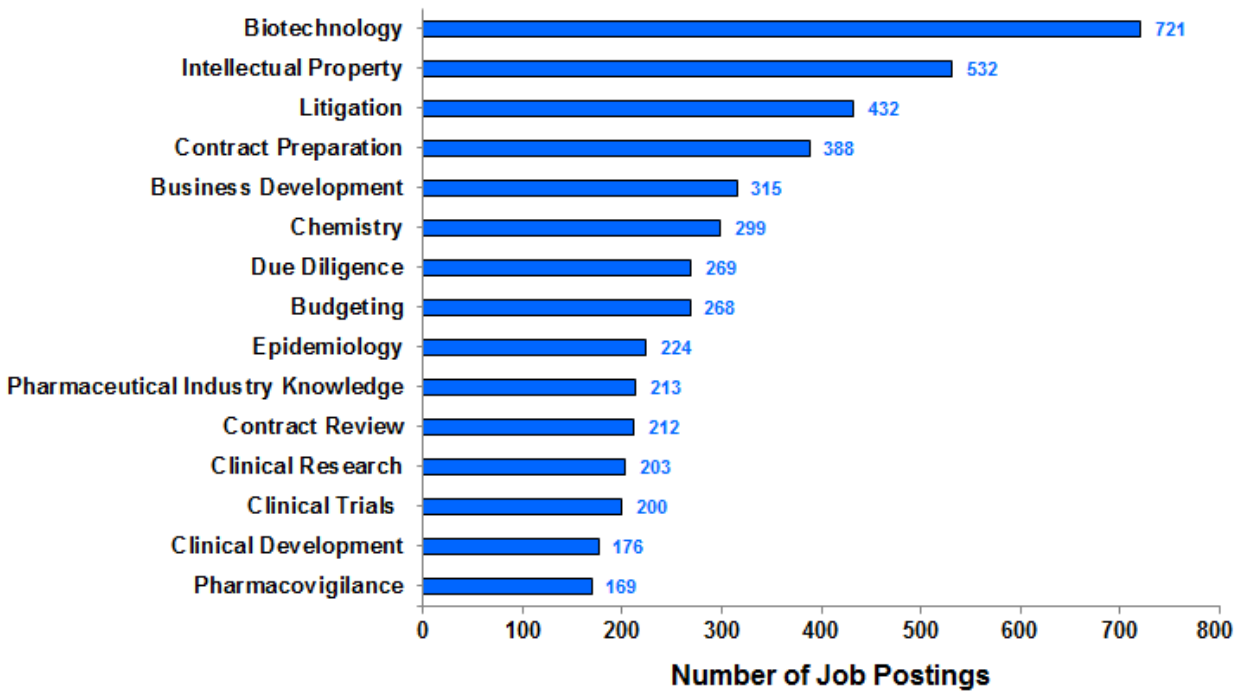
Top Job Titles: Law



Top Employers: Law



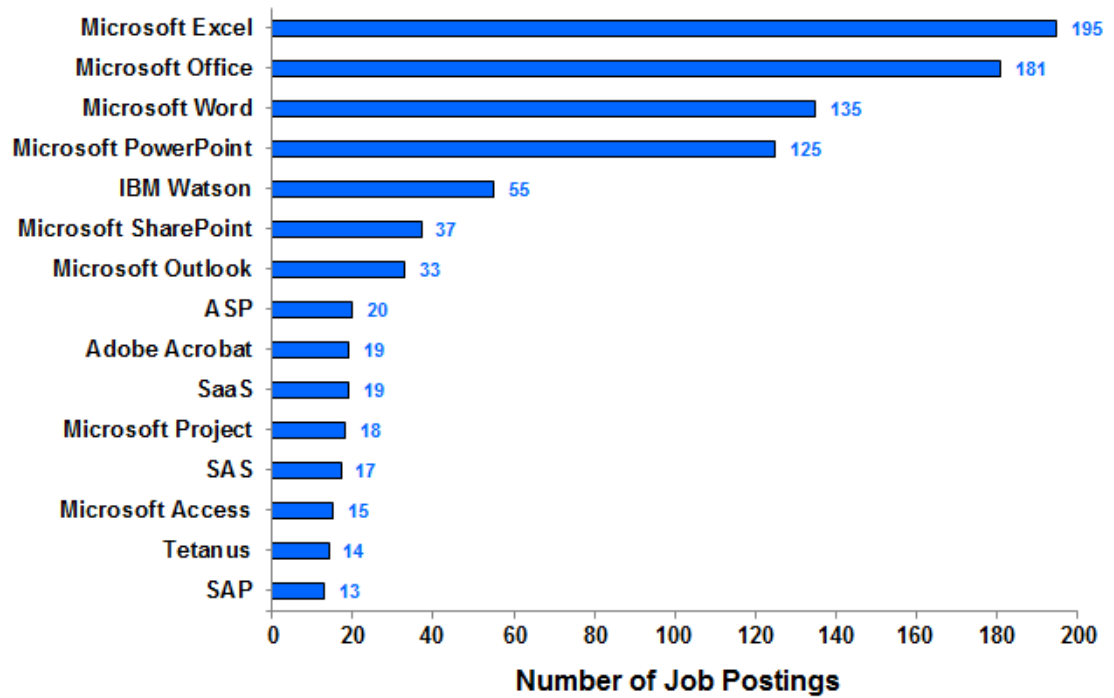
Specialized (Hard) Skills: Law



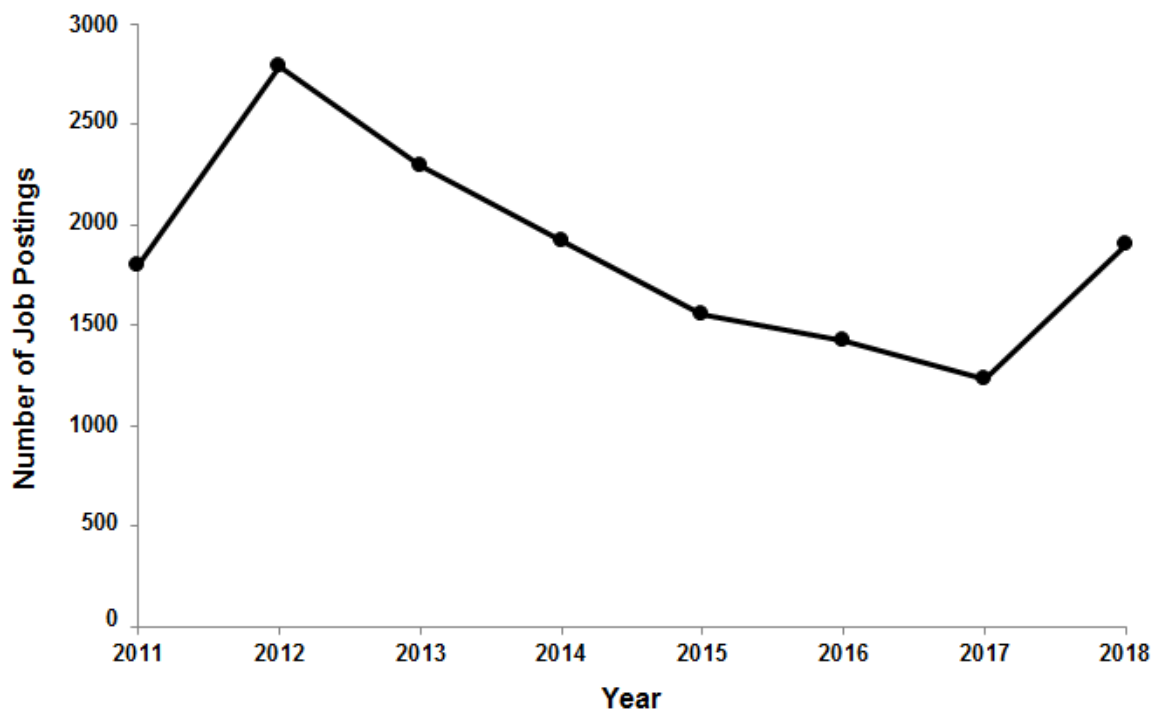
Baseline (Soft) Skills: Law



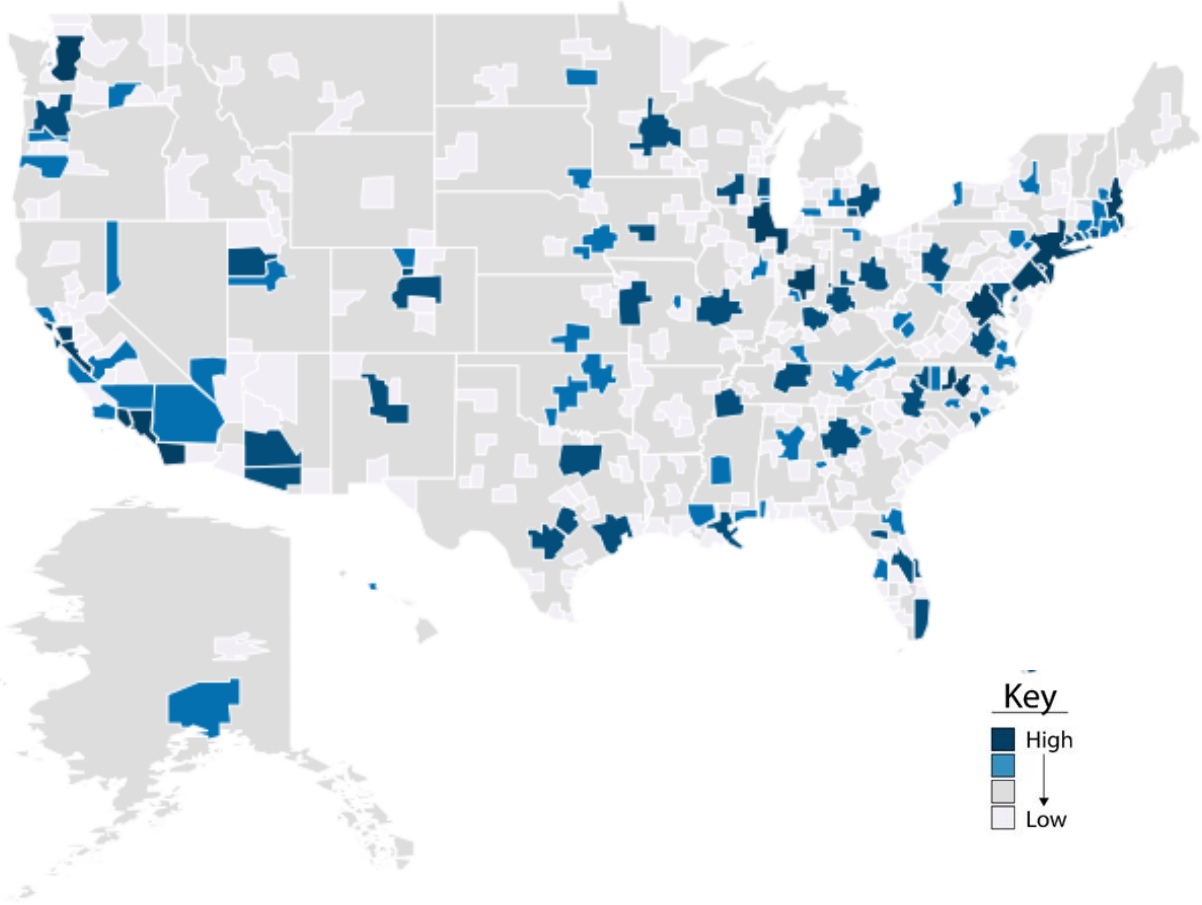
Computer Skills: Law



Job Postings by Year: Law



High Demand Areas: Law



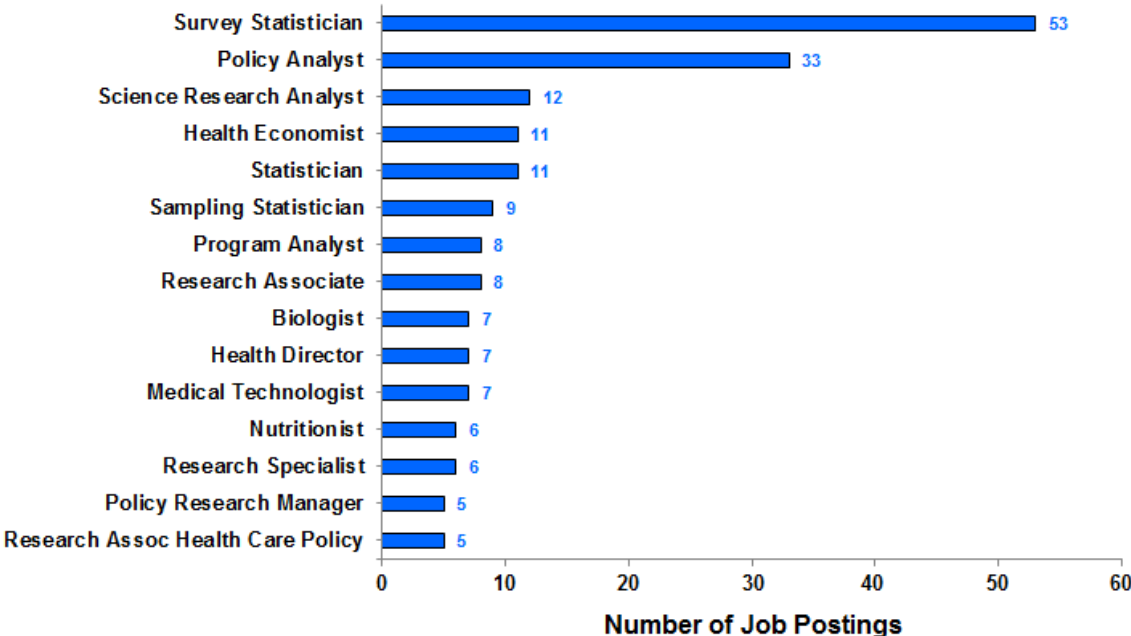
Metro Area	Job Postings
Boston-Cambridge-Nashua, MA-NH	313
New York-Newark-Jersey City, NY-NJ-PA	242
San Francisco-Oakland-Hayward, CA	233
Philadelphia-Camden-Wilmington, PA-NJ-DE-MD	82
Washington-Arlington-Alexandria, DC-VA-MD-WV	79
San Jose-Sunnyvale-Santa Clara, CA	62
San Diego-Carlsbad, CA	58
Los Angeles-Long Beach-Anaheim, CA	57
Chicago-Naperville-Elgin, IL-IN-WI	55
Oxnard-Thousand Oaks-Ventura, CA	49
Raleigh, NC	39
Seattle-Tacoma-Bellevue, WA	33
Trenton, NJ	27
Durham-Chapel Hill, NC	25
Indianapolis-Carmel-Anderson, IN	25

Policy

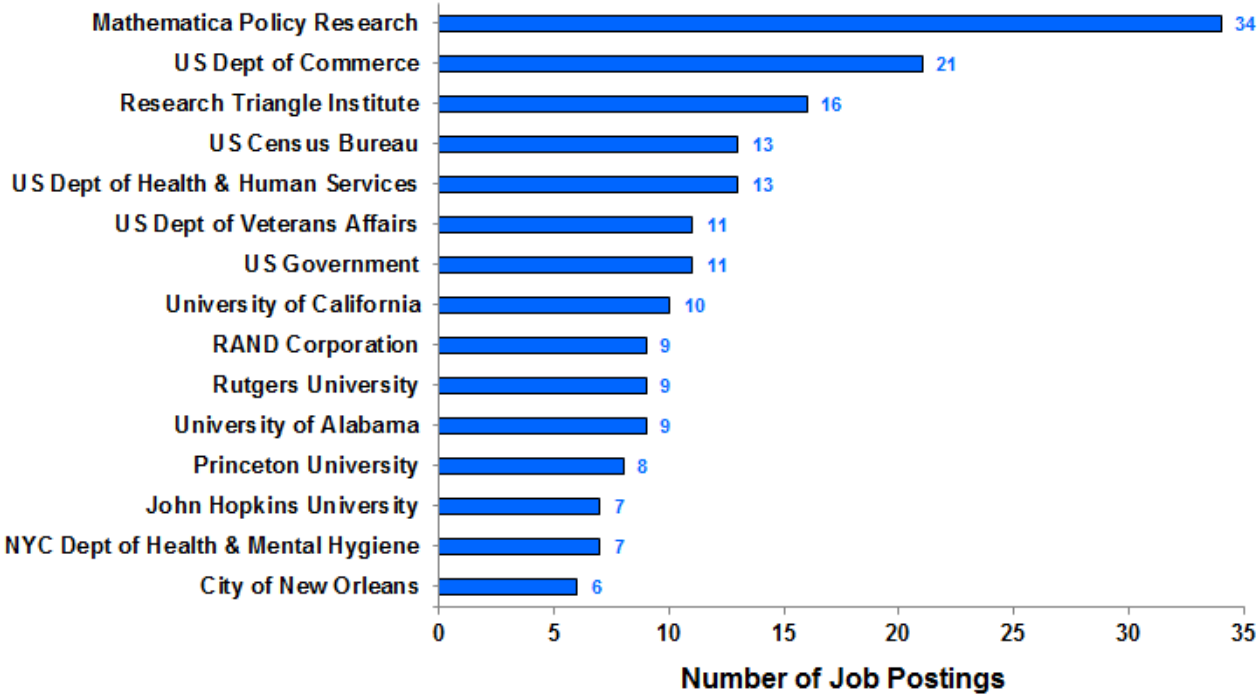
Number of Jobs Postings in Search:

673

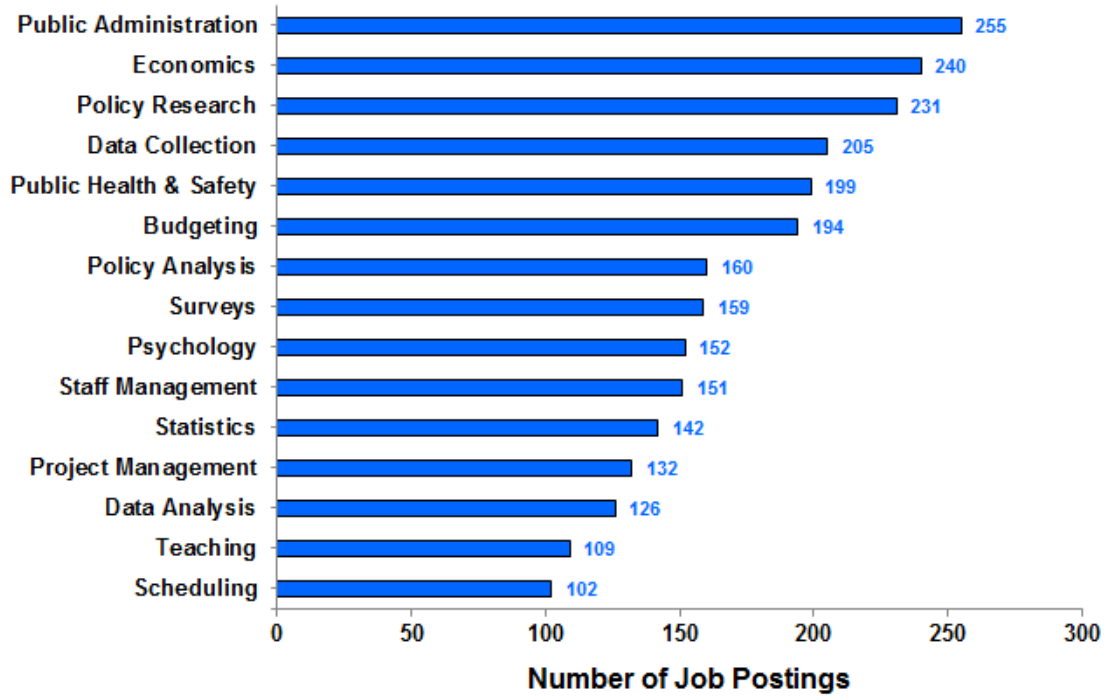
Top Job Titles: Policy



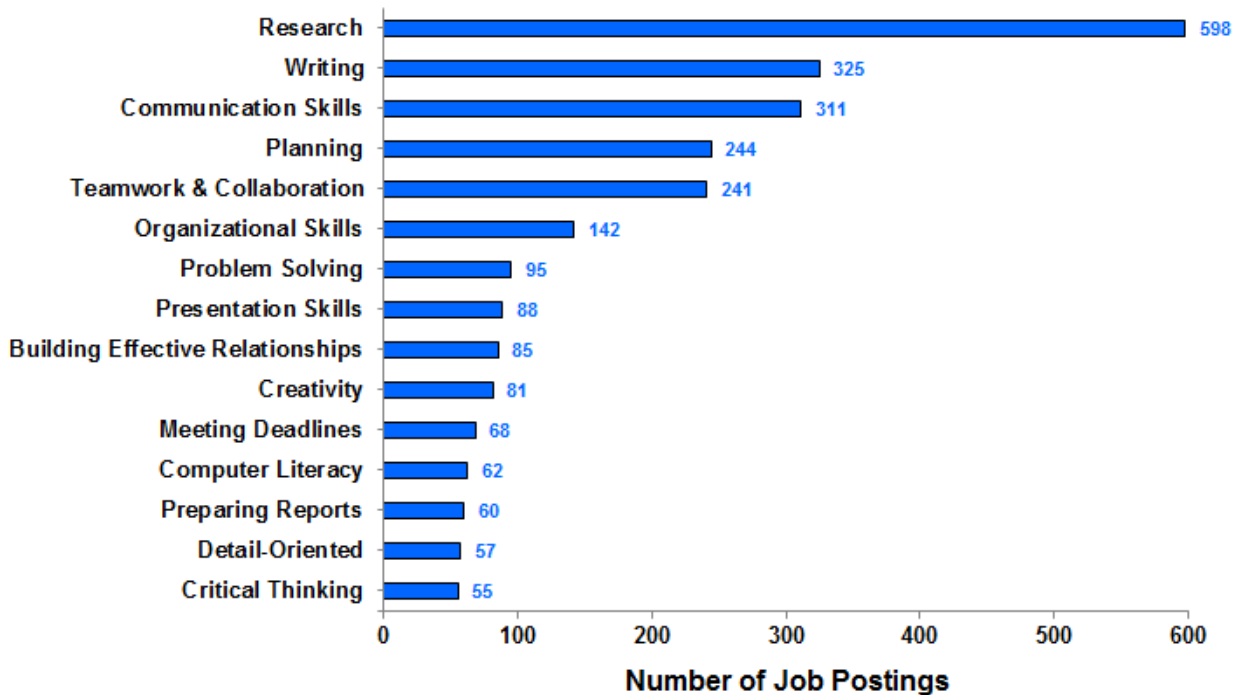
Top Employers: Policy



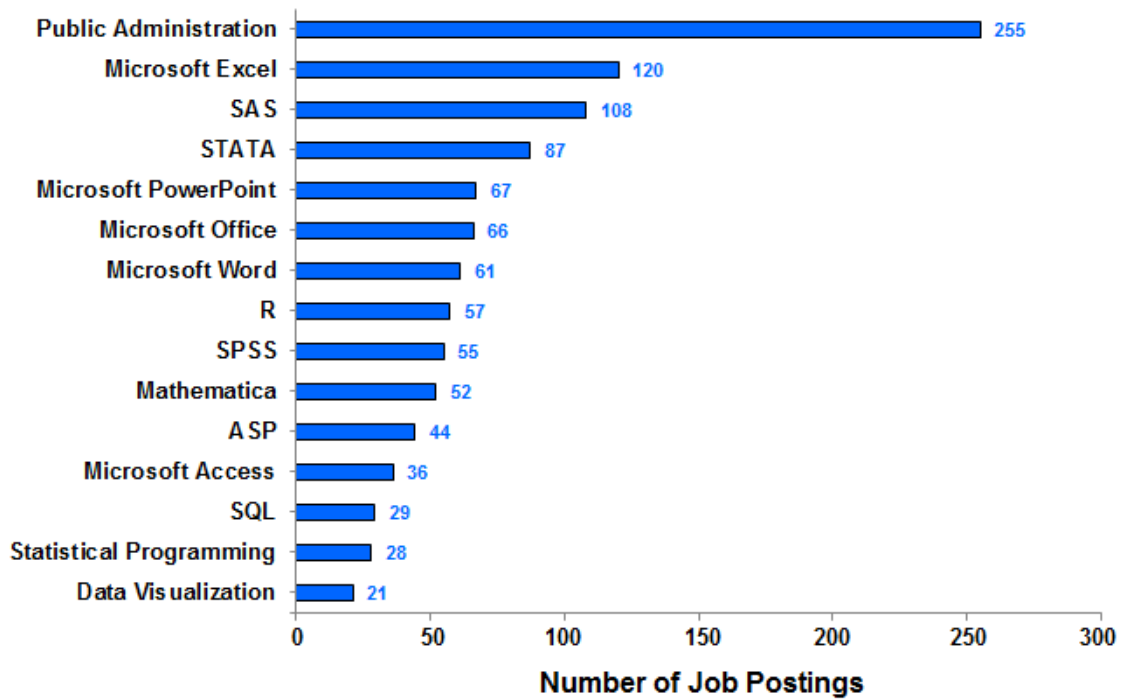
Specialized (Hard) Skills: Policy



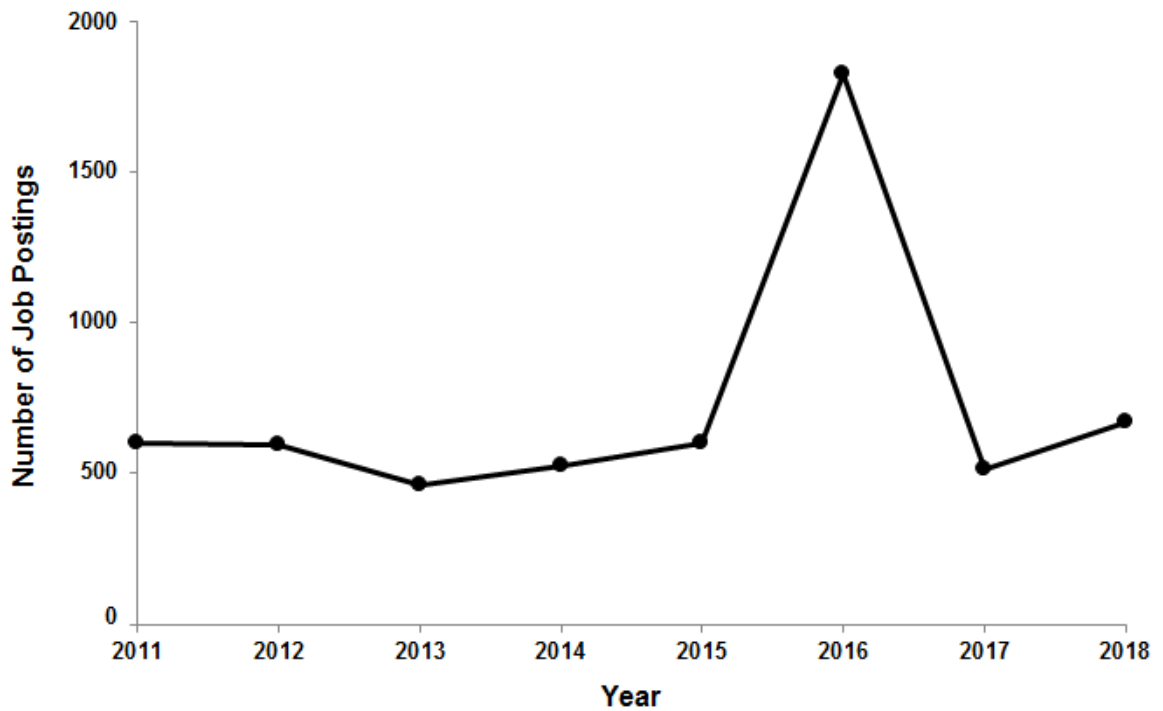
Baseline (Soft) Skills: Policy



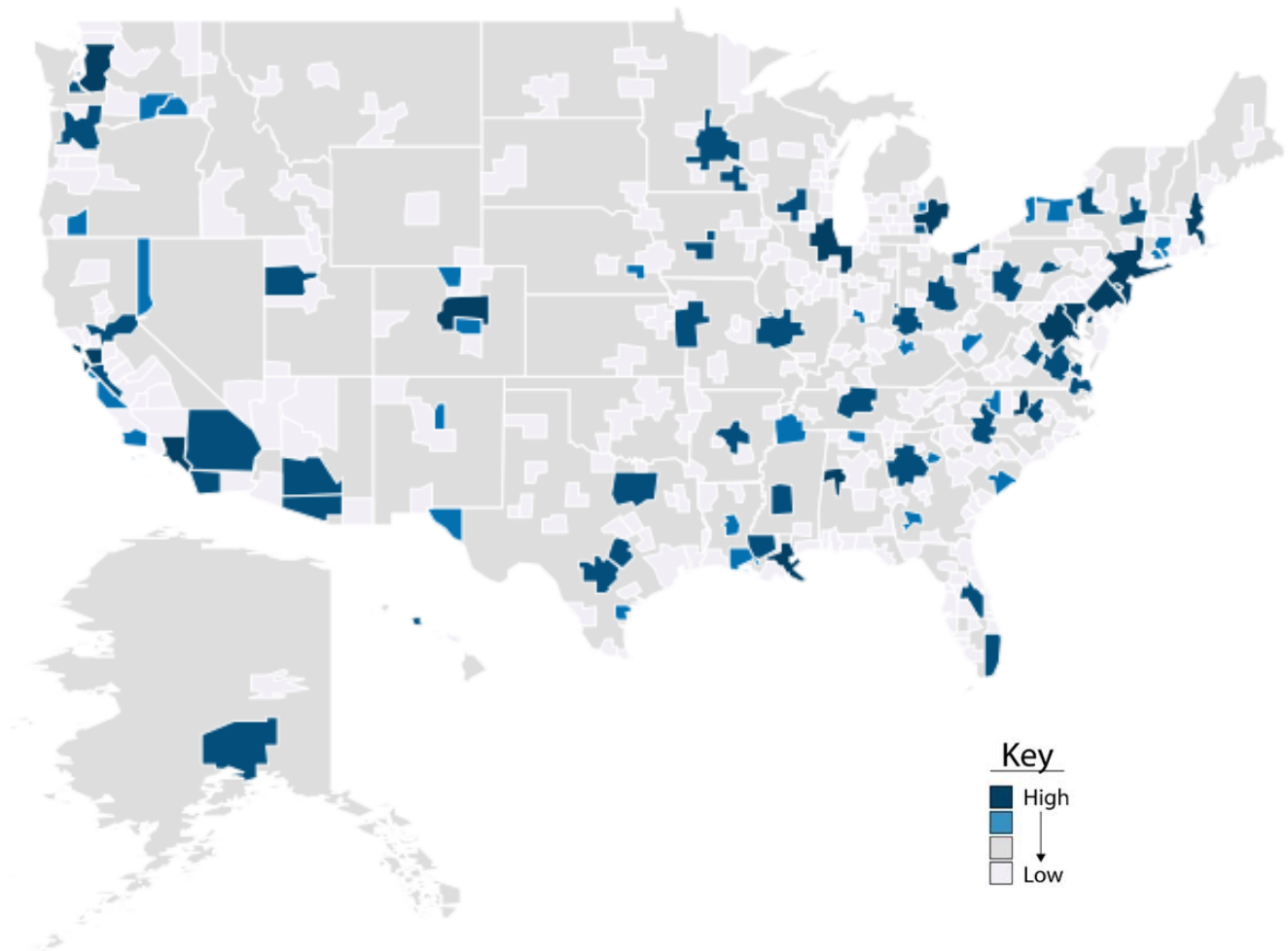
Computer Skills: Policy



Job Postings by Year: Policy



High Demand Areas: Policy



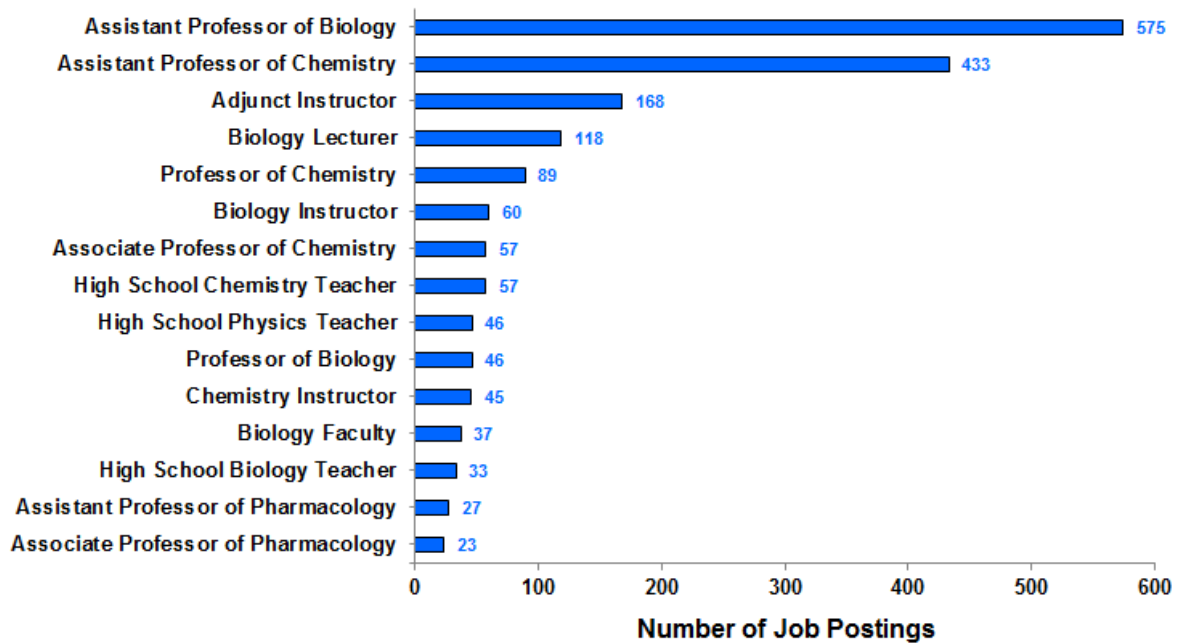
Metro Area	Job Postings
Washington-Arlington-Alexandria, DC-VA-MD-WV	118
New York-Newark-Jersey City, NY-NJ-PA	48
Boston-Cambridge-Nashua, MA-NH	44
San Francisco-Oakland-Hayward, CA	41
Chicago-Naperville-Elgin, IL-IN-WI	32
Baltimore-Colombia-Towson, MD	22
Denver-Aurora-Lakewood, CO	20
Philadelphia-Camden-Wilmington, PA-NJ-DE-MD	19
Seattle-Tacoma-Bellevue, WA	18
Trenton, NJ	18
Durham-Chapel Hill, NC	16
Los Angeles-Long Beach-Anaheim, CA	16
New Orleans-Metairie, LA	16
Detroit-Warren-Dearborn, MI	10
Tuscaloosa, AL	9

Teaching

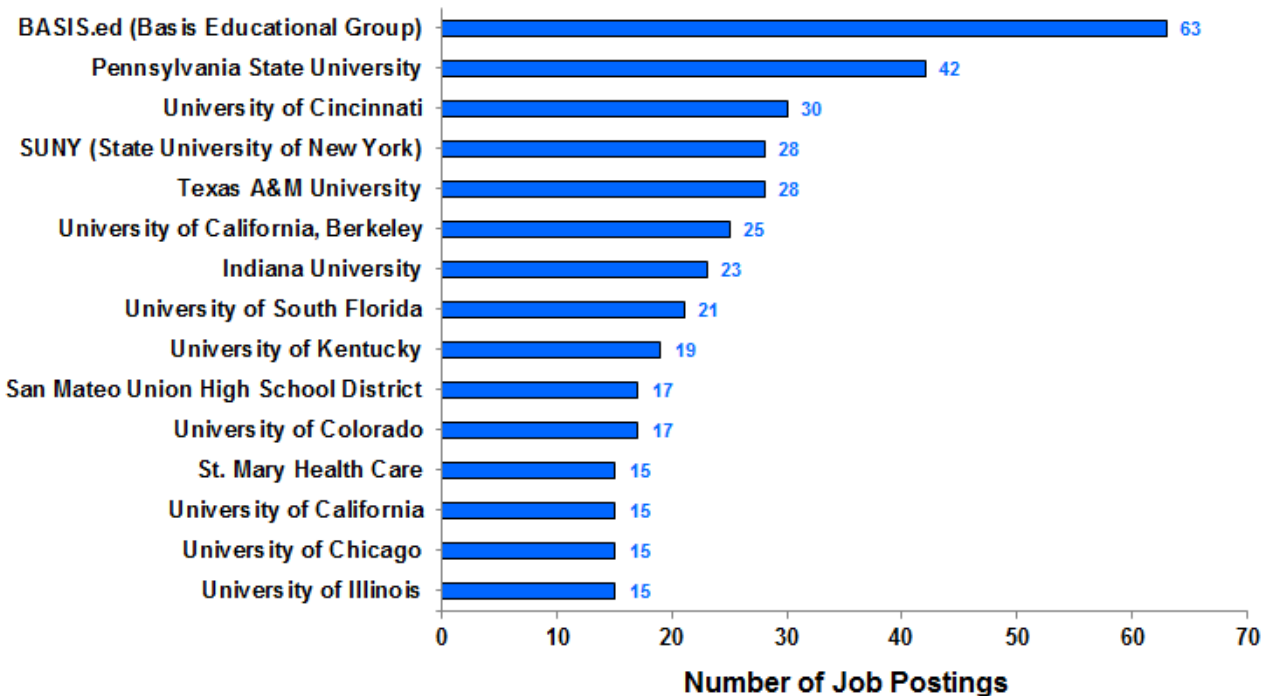
Number of Jobs Postings in Search:

2,496

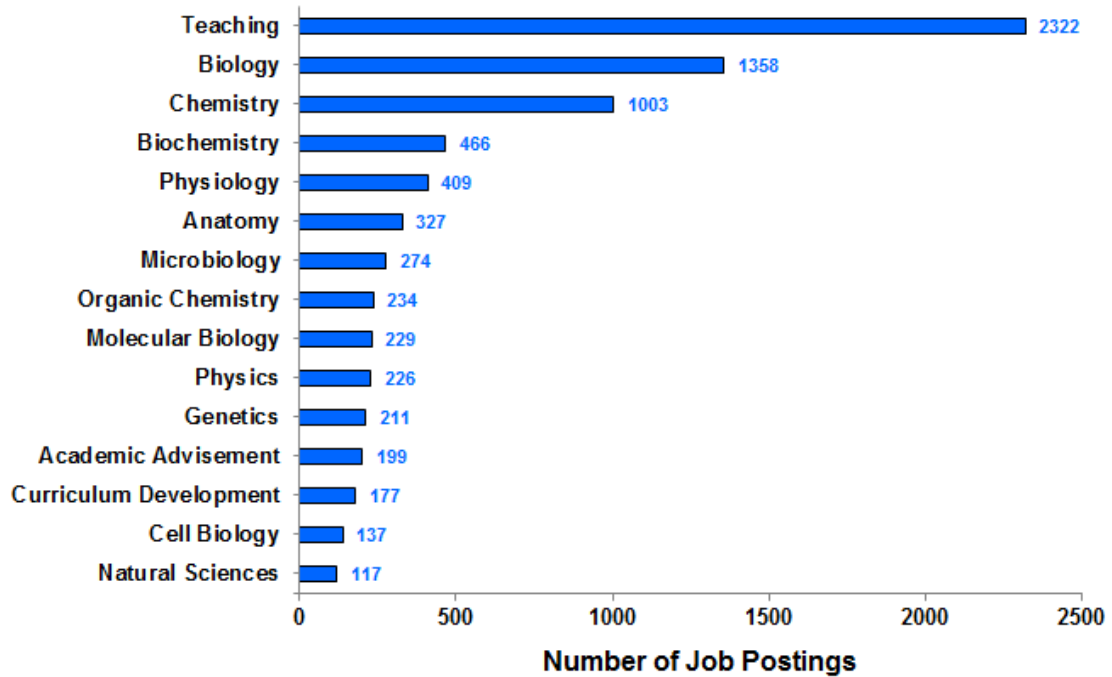
Top Job Titles: Teaching



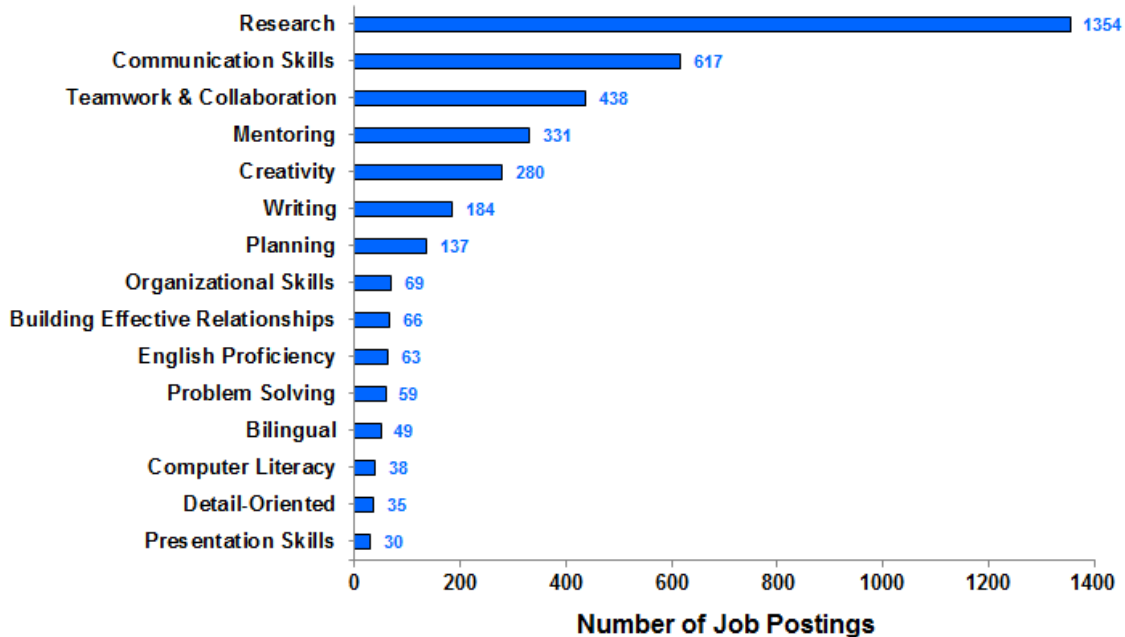
Top Employers: Teaching



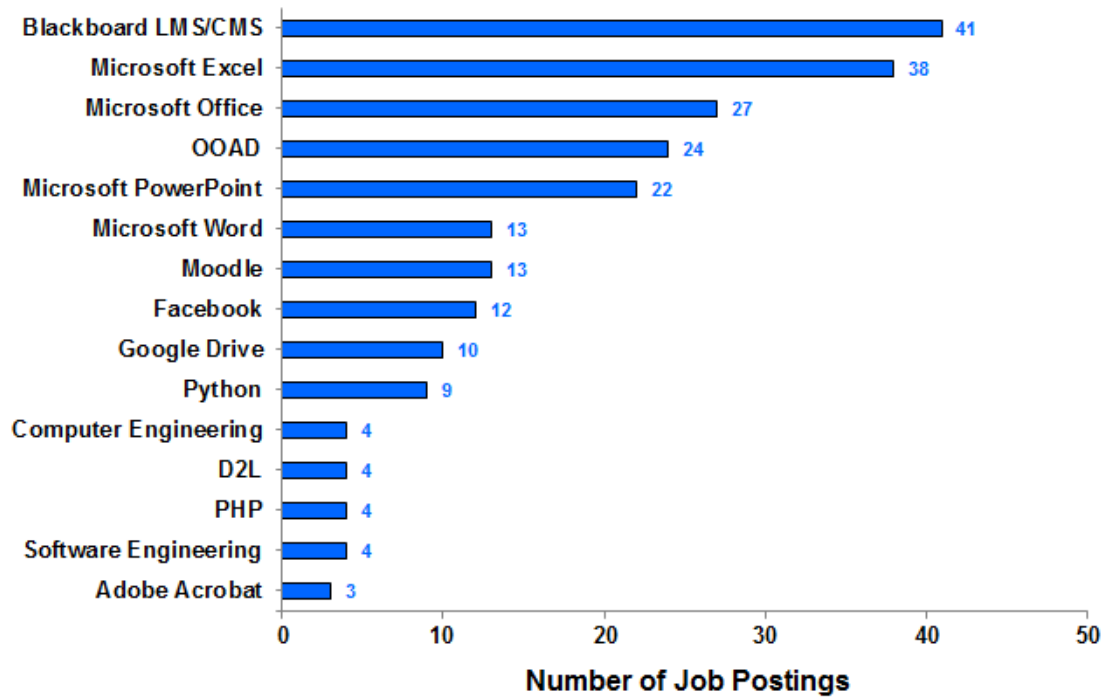
Specialized (Hard) Skills: Teaching



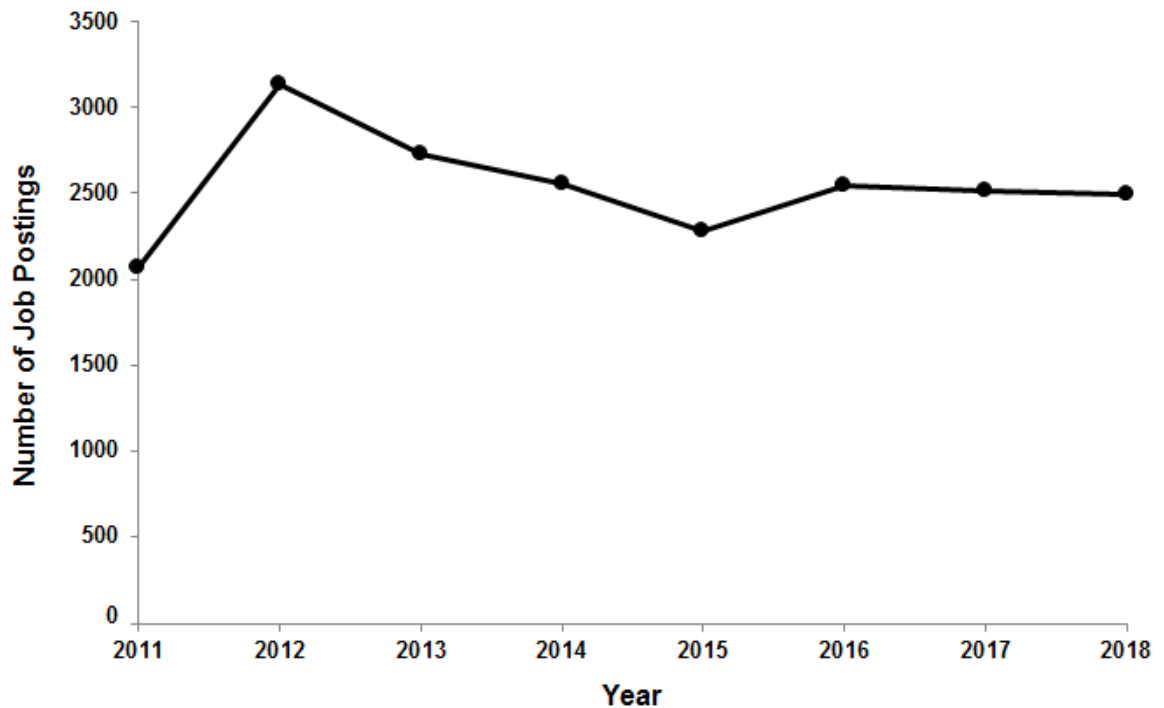
Baseline (Soft) Skills: Teaching



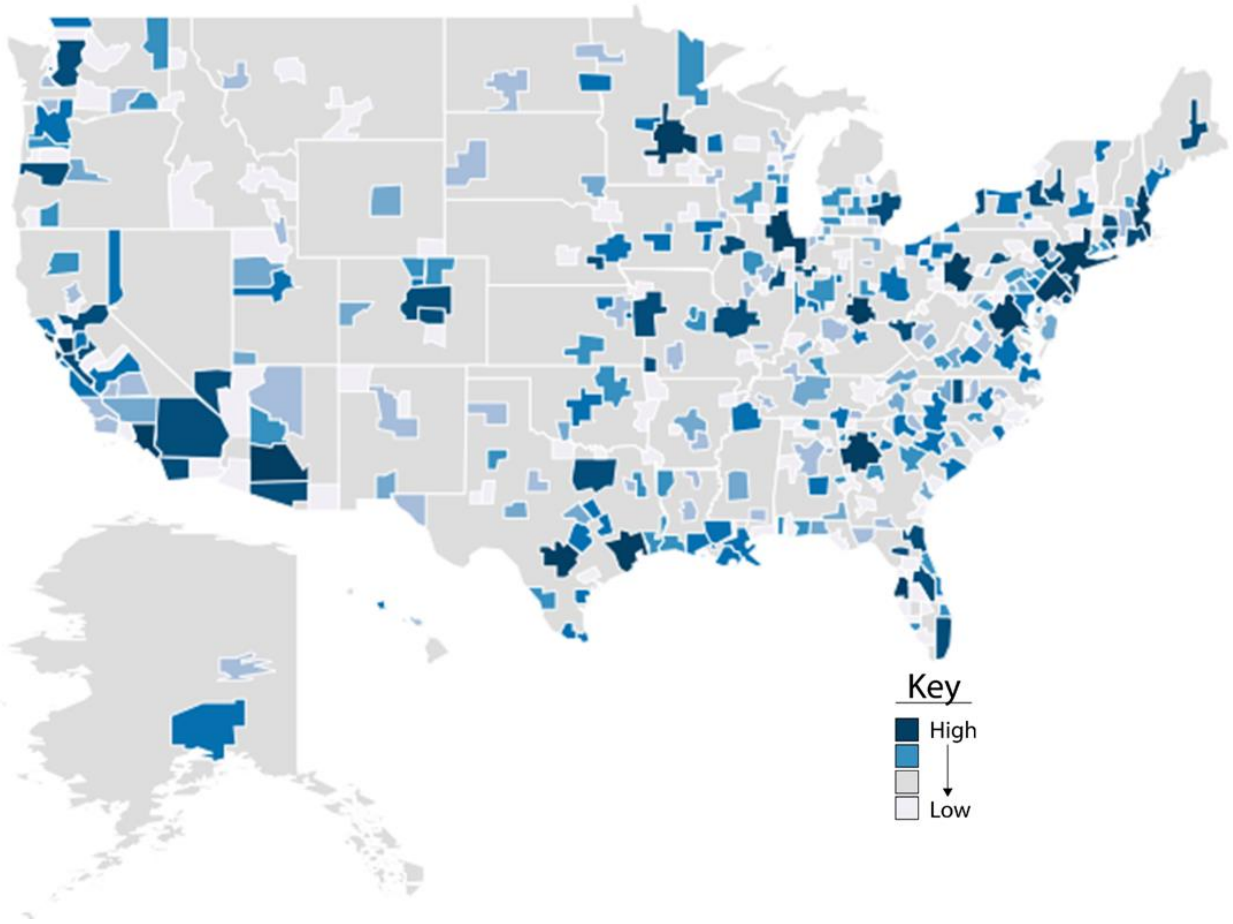
Computer Skills: Teaching



Job Postings by Year: Teaching



High Demand Areas: Teaching



Metro Area	Job Postings
New York-Newark-Jersey City, NY-NJ-PA	123
Los Angeles-Long Beach-Anaheim, CA	94
San Francisco-Oakland-Hayward, CA	89
Phoenix-Mesa-Scottsdale, AZ	81
Chicago-Naperville-Elgin, IL-IN-WI	68
Boston-Cambridge-Nashua, MA-NH	44
Philadelphia-Camden-Wilmington, PA-NJ-DE-MD	42
Cincinnati, OH-KY-IN	34
Minneapolis-St. Paul-Bloomington, MN-WI	34
Atlanta-Sandy Springs-Roswell, GA	33

