

# BU's BEST

## Biomedical Workforce Data 2017



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This data can also be found online at:

[www.bu.edu/BEST](http://www.bu.edu/BEST)

# Labor Insight™

## *About*

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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*

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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*

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All searches were performed such that the reported jobs require or request a PhD.

## *Caveats & Disclaimers*

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Date ranges are January 2017 – December 2017 for job searches and May 2017 – May 2018 for demand maps.

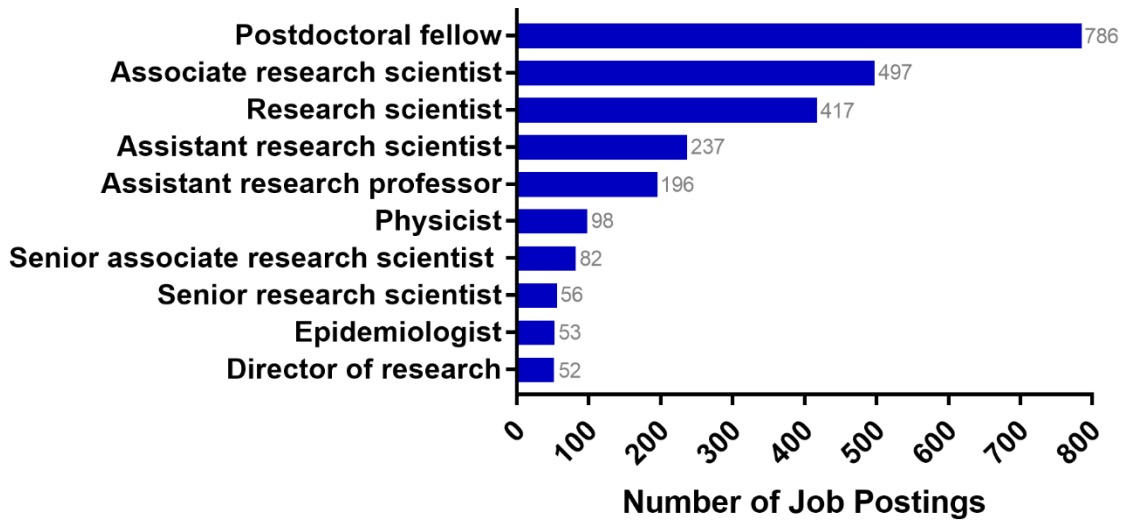
As the data are generated through job advertisements, small and mid-sized companies hiring small numbers of employees might not be listed in “top employers” but should not be ruled out.

## Academic Research

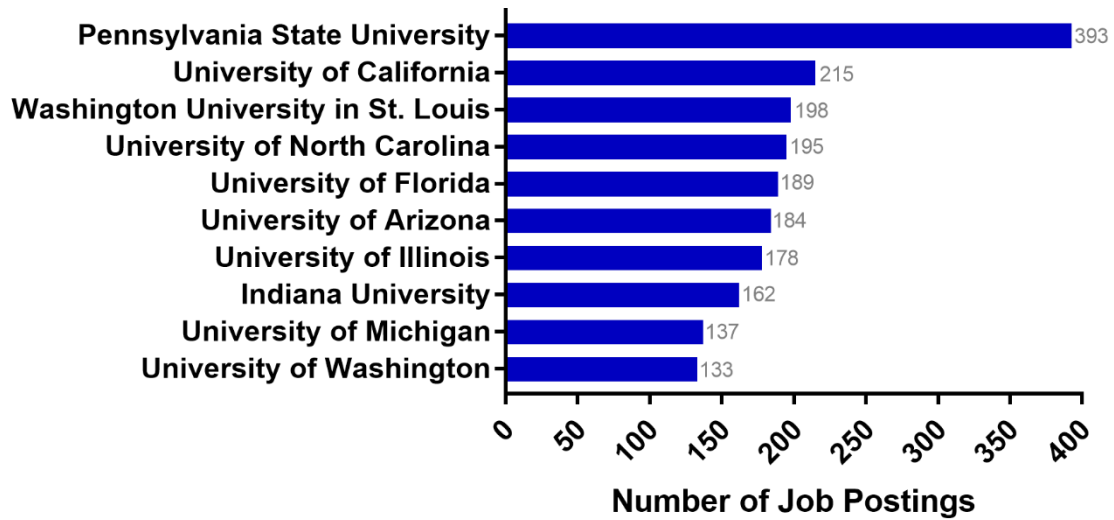
Number of Jobs Postings in Search:

7,972

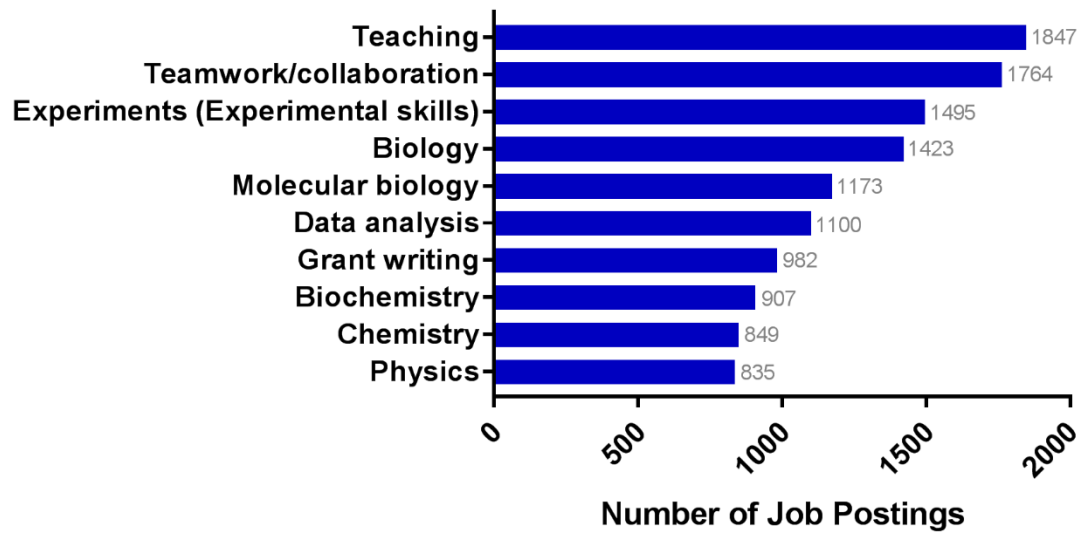
## Top Job Titles: Academic Research



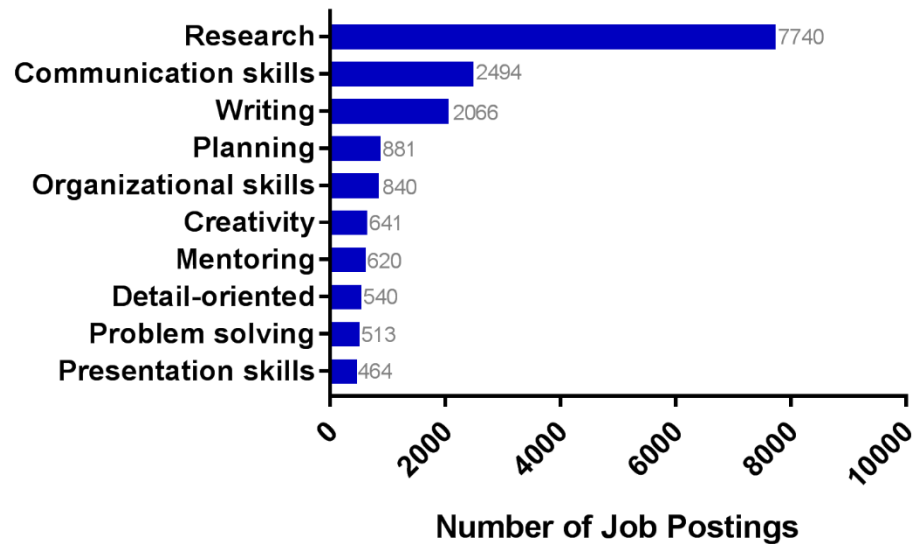
## Top Employers: Academic Research



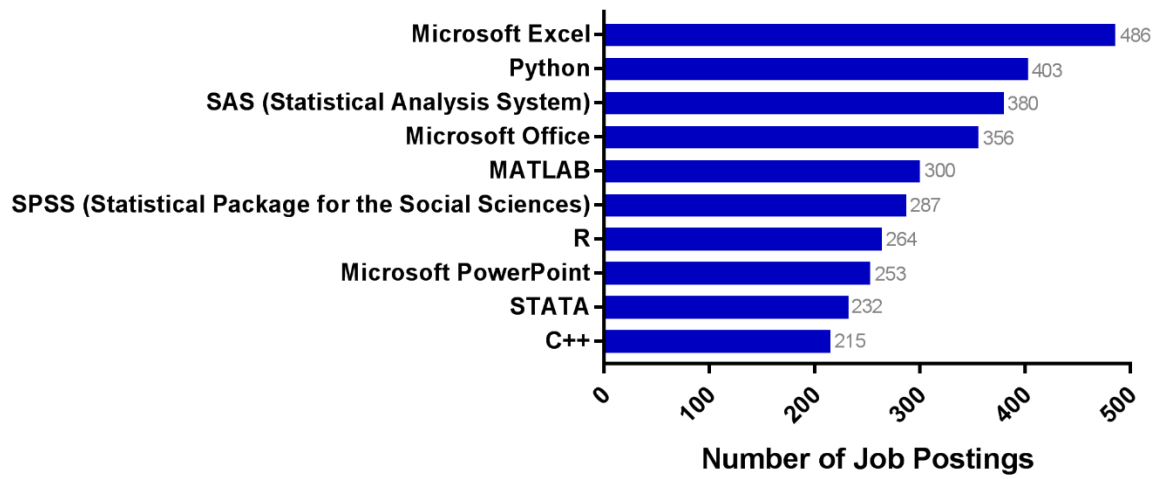
## Specialized (Hard) Skills: Academic Research



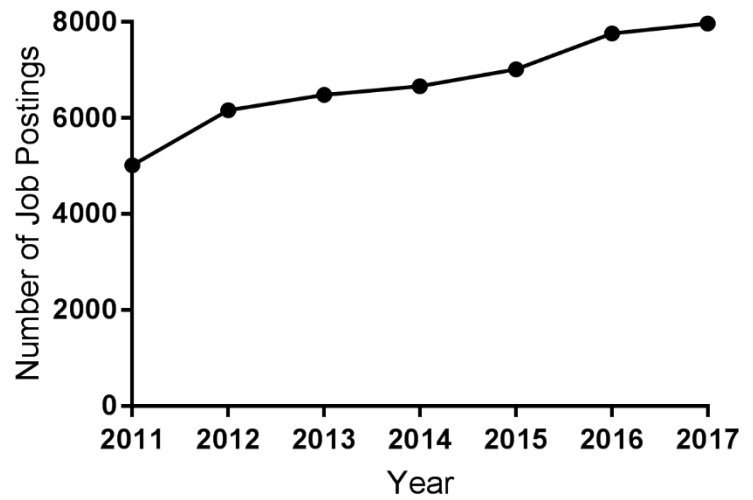
## Baseline (Soft) Skills: Academic Research



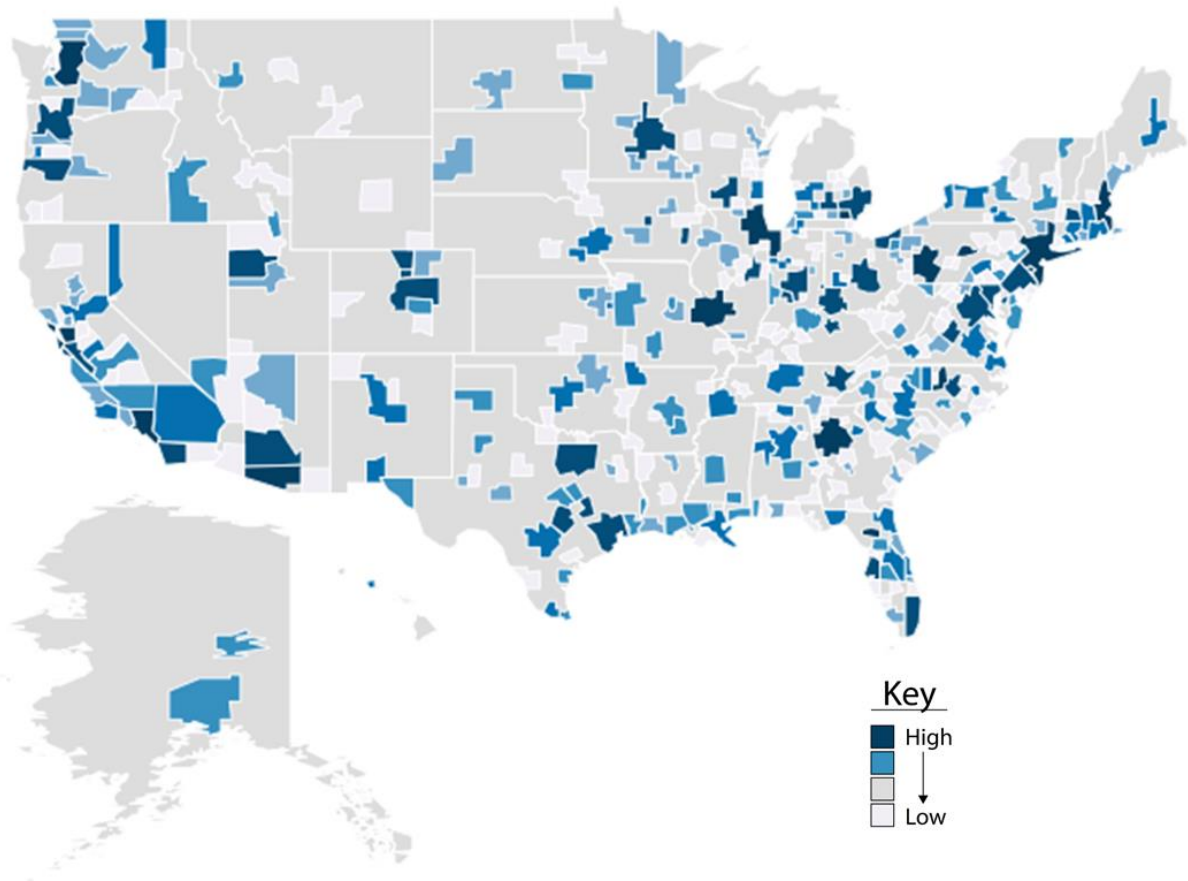
# Computer Skills: Academic Research



# Job Postings by Year: Academic Research



## High Demand Areas: Academic Research



Metro Area	Job Postings
New York-Jersey City, NY-NJ-PA	466
Los Angeles-Long Beach-Anaheim, CA	436
Chicago-Naperville-Elgin, IL-IN-WI	362
Boston-Cambridge-Nashua, MA-NH	293
San Francisco-Oakland-Hayward, CA	211
Tucson, AZ	193
State College, PA	189
Seattle-Tacoma-Bellevue, WA	181
Pittsburgh, PA	173
St. Louis, MO-IL	165

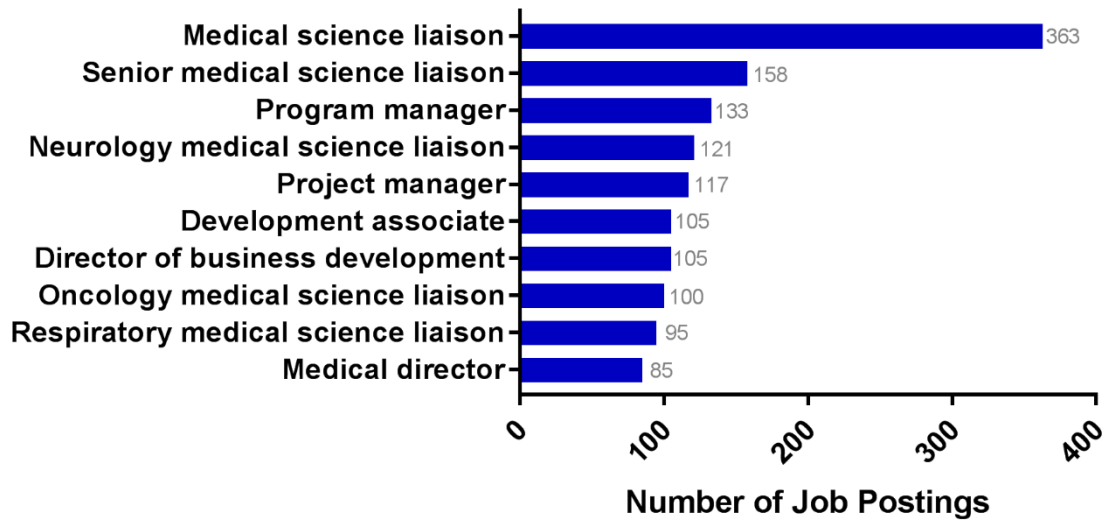


## Business & Administration

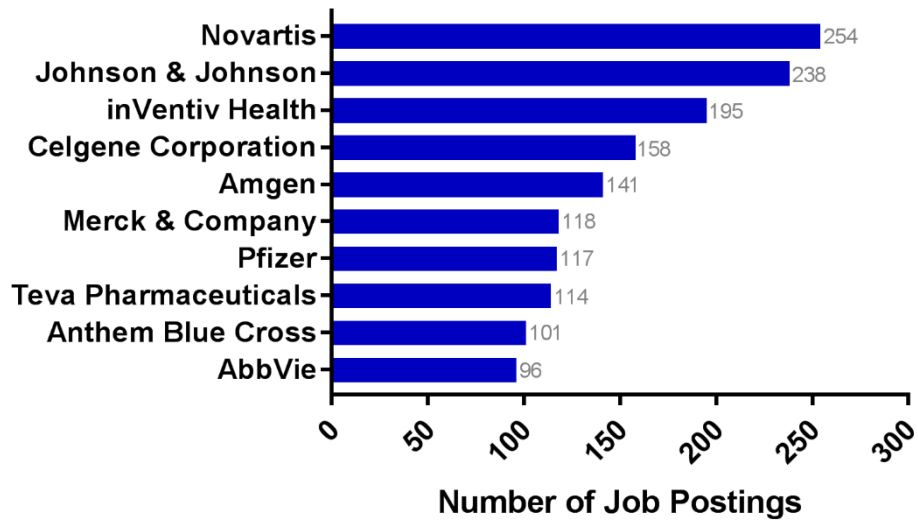
Number of Jobs Postings in Search:

6,059

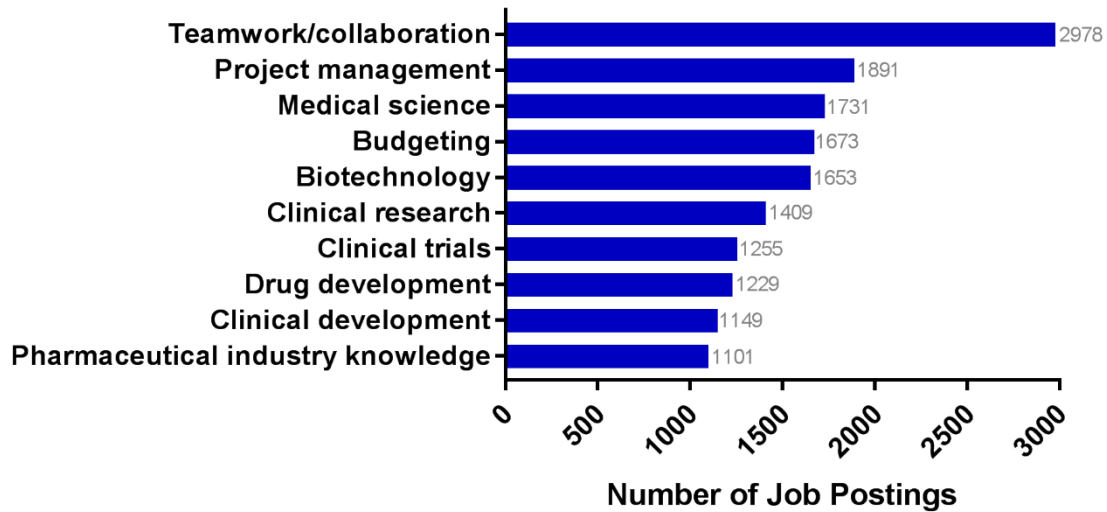
## Top Job Titles: Business & Administration



## Top Employers: Business & Administration



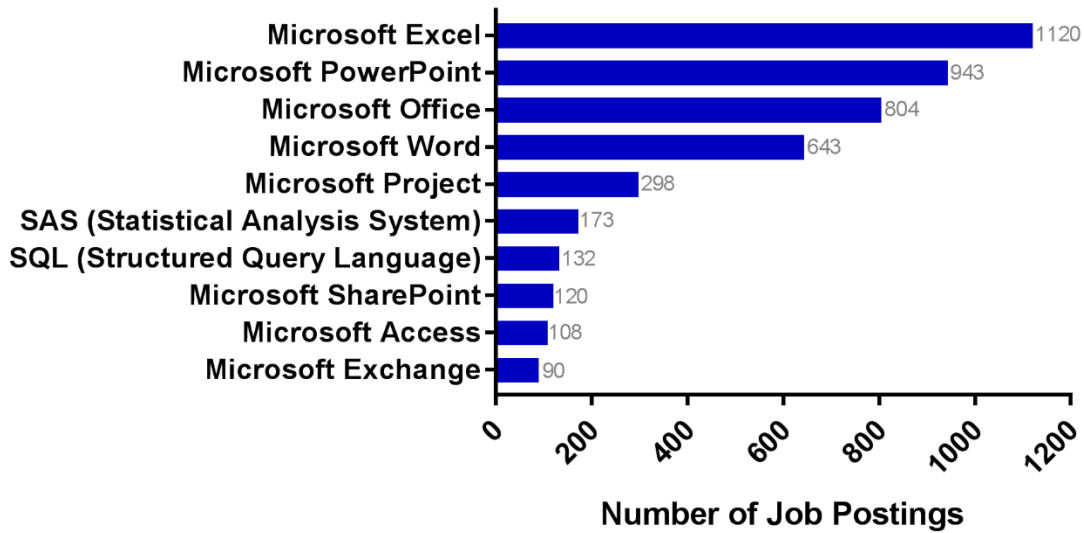
## Specialized (Hard) Skills: Business & Administration



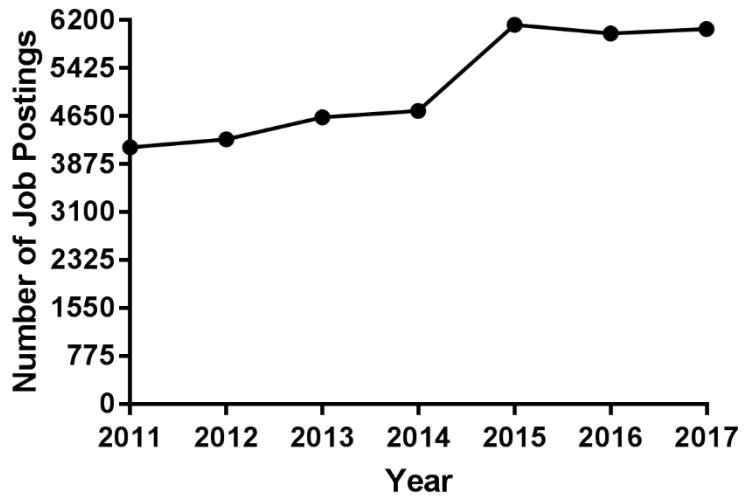
## Baseline (Soft) Skills: Business & Administration



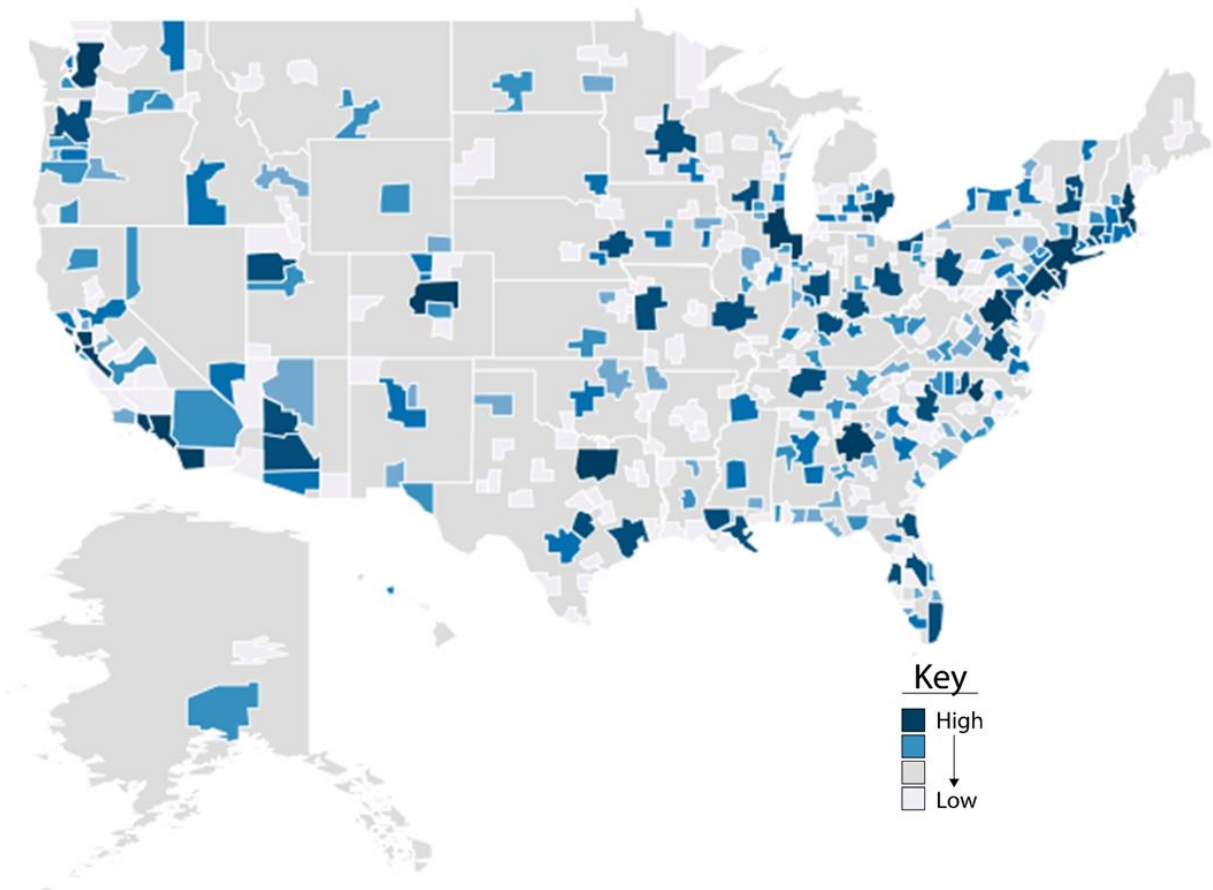
## Computer Skills: Business & Administration



## Job Postings by Year: Business & Administration



## High Demand Areas: Business & Administration



<b>Metro Area</b>	<b>Job Postings</b>
New York-Newark-Jersey City, NY-NJ-PA	771
Boston-Cambridge-Nashua, MA-NH	650
San Francisco-Oakland-Hayward, CA	462
Philadelphia-Camden-Wilmington, PA-NJ-DE-MD	376
Washington-Arlington-Alexandria, DC-VA-MD-WV	286
Chicago-Naperville-Elgin, IL-IN-WI	264
Los Angeles-Long Beach-Anaheim, CA	177
San Diego-Carlsbad, CA	173
Seattle-Tacoma-Bellevue, WA	157
Oxnard-Thousand Oaks-Ventura, CA	104

# Communication

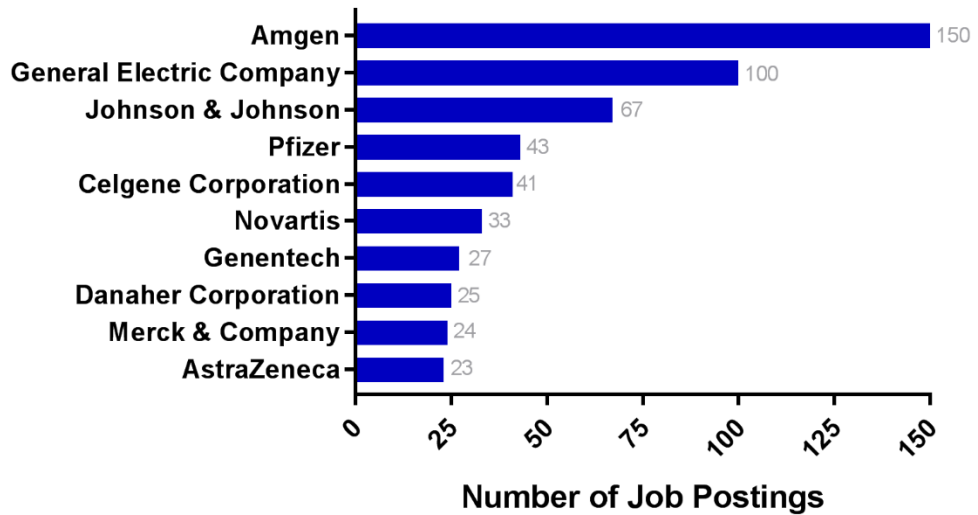
Number of Jobs Postings in Search:

2,154

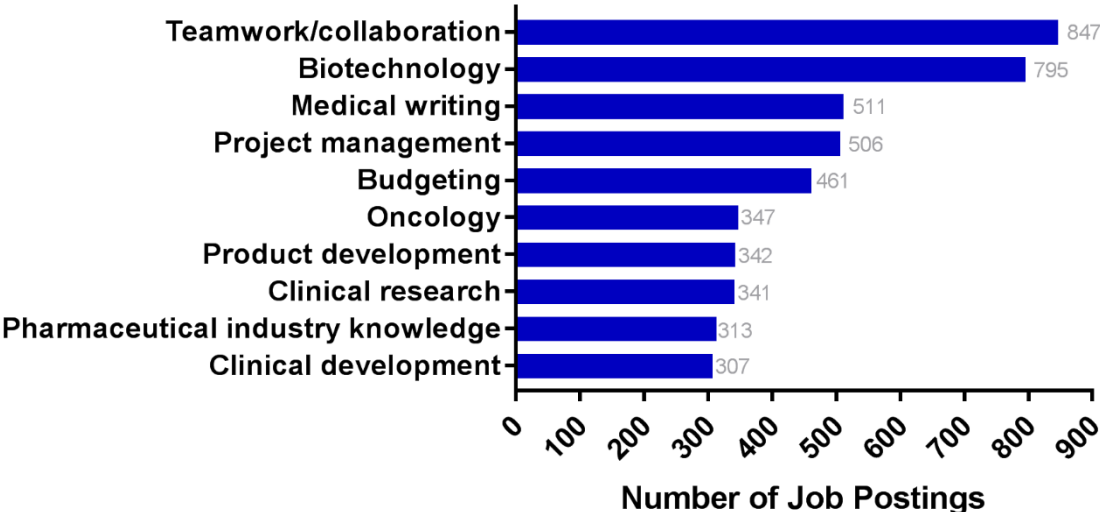
## Top Job Titles: Communication



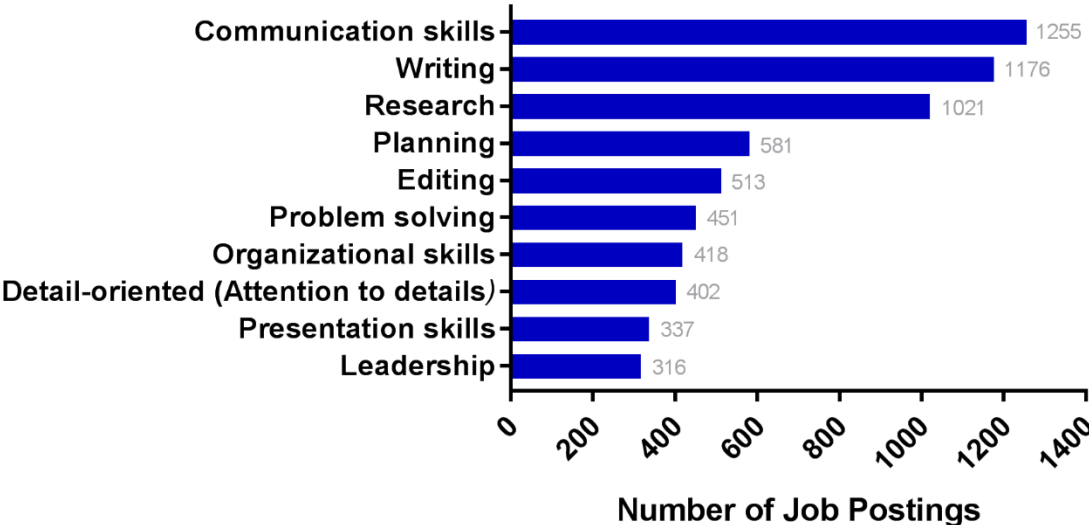
## Top Employers: Communication



## Specialized (Hard) Skills: Communication

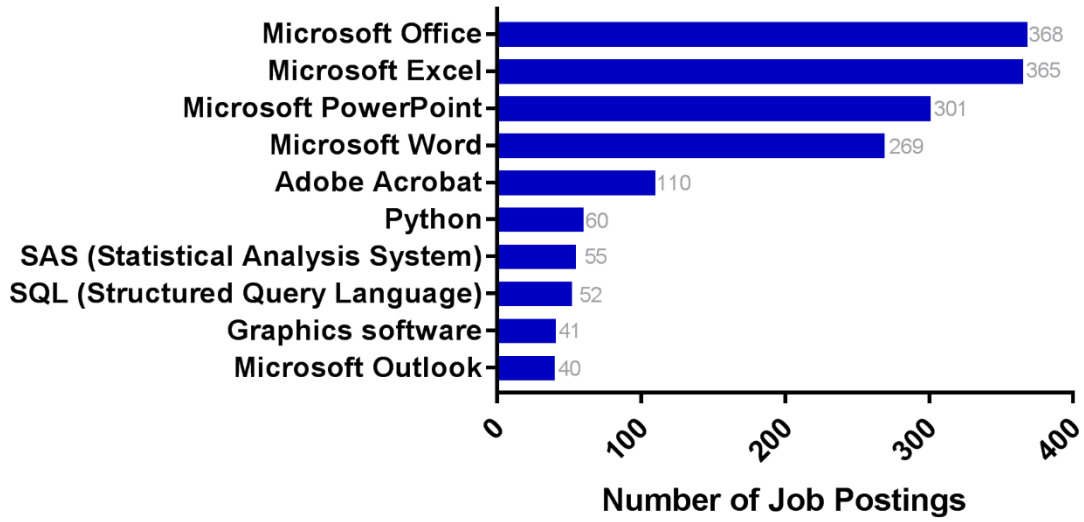


## Baseline (Soft) Skills: Communication

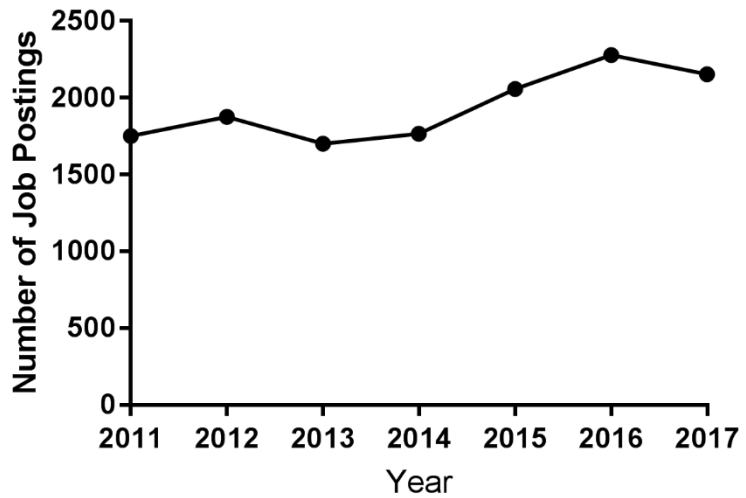




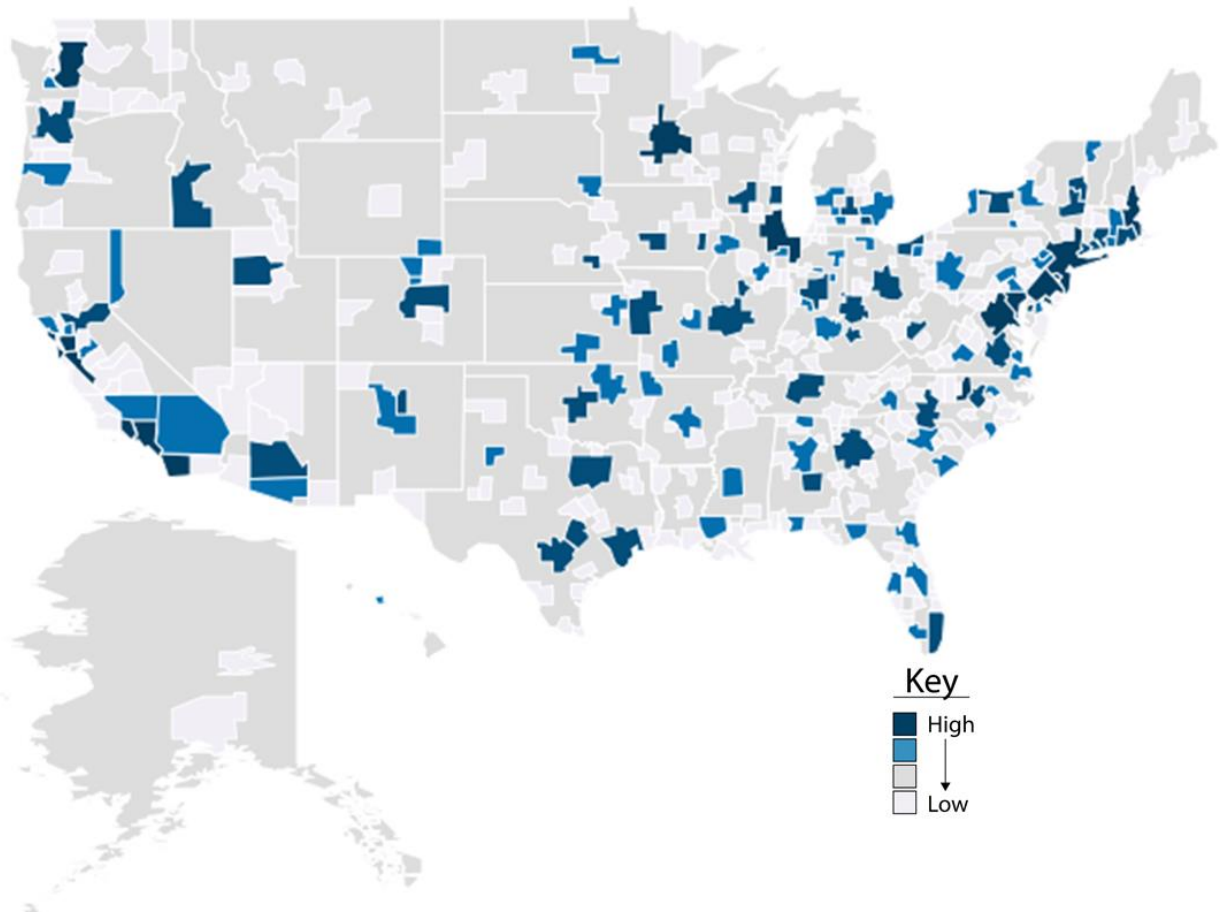
# Computer Skills: Communication



# Job Postings by Year: Communication



## High Demand Areas: Communication



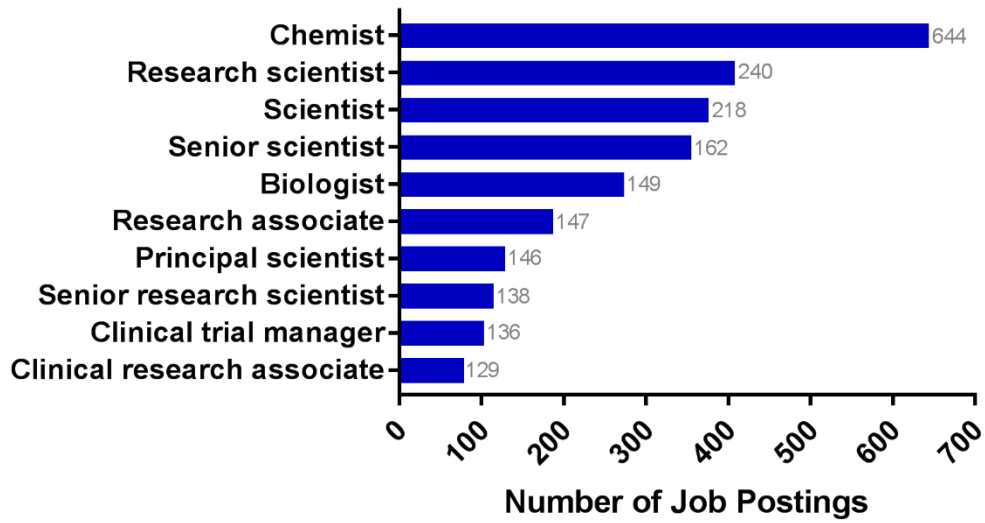
<b>Metro Area</b>	<b>Job Postings</b>
Boston-Cambridge-Nashua, MA-NH	421
New York-Newark-Jersey City, NY-NJ-PA	323
San Francisco-Oakland-Hayward, CA	188
Philadelphia-Camden-Wilmington, PA-NJ-DE-MD	174
Oxnard-Thousand Oaks-Ventura, CA	106
Washington-Arlington-Alexandria, DC-VA-MD-WV	82
San Diego-Carlsbad, CA	78
Los Angeles-Long Beach-Anaheim, CA	75
Chicago-Naperville-Elgin, IL-IN-WI	74
San Jose-Sunnyvale-Santa Clara, CA	63

## Industry Research

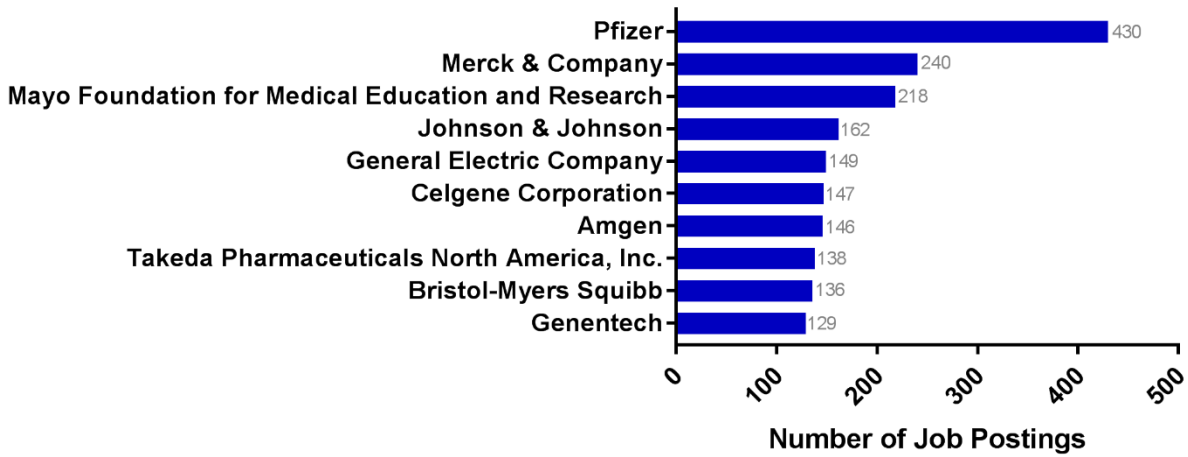
Number of Jobs Postings in Search:

10,724

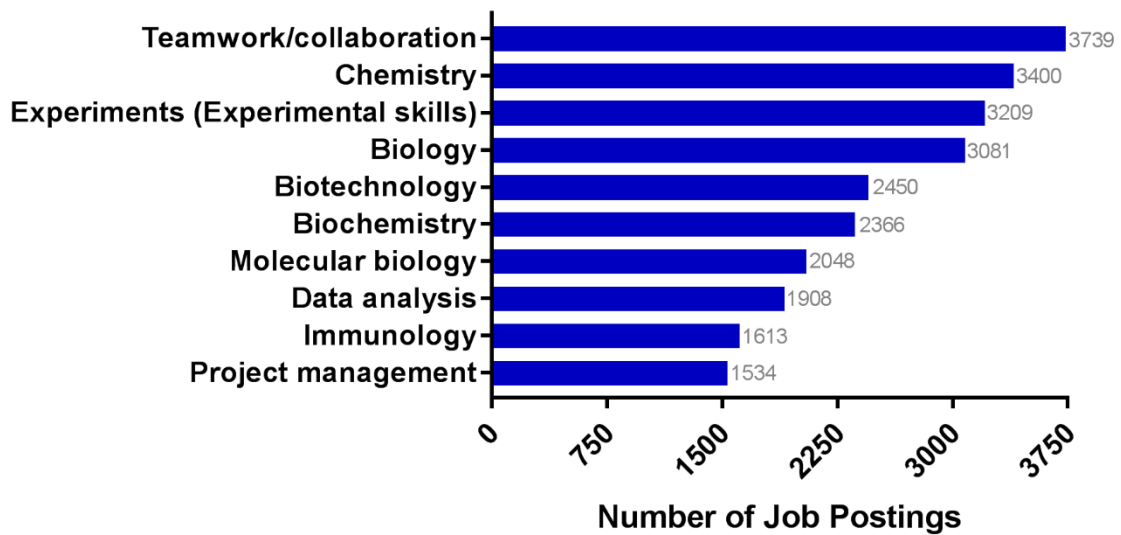
## Top Job Titles: Industry Research



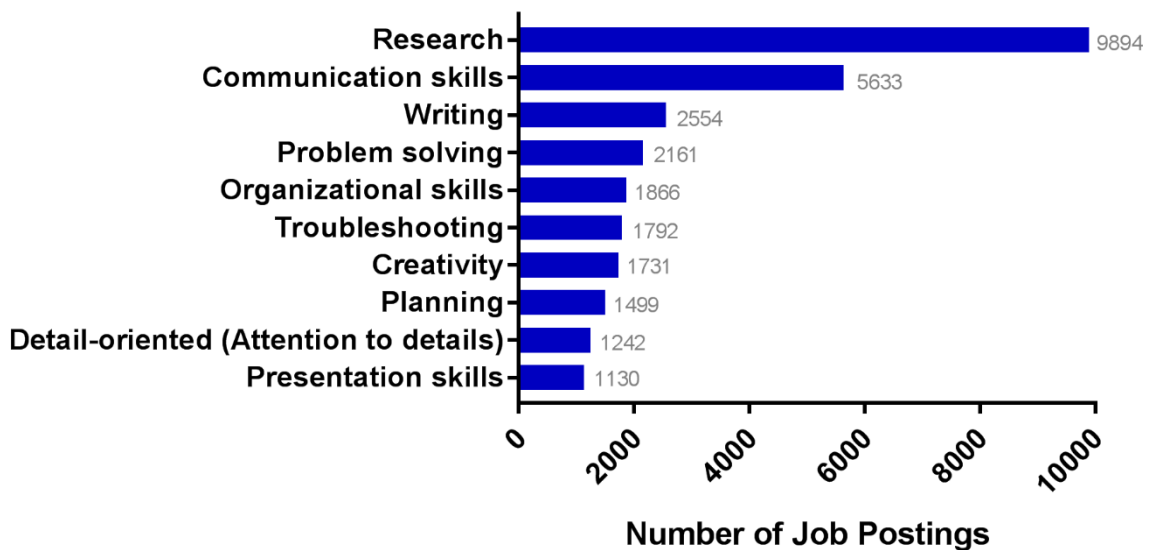
## Top Employers: Industry Research



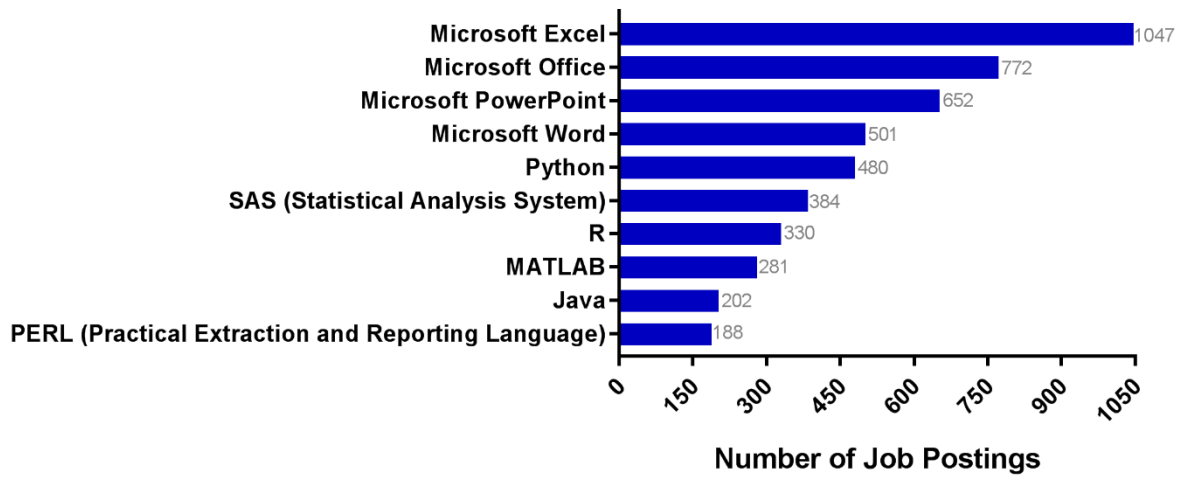
## Specialized (Hard) Skills: Industry Research



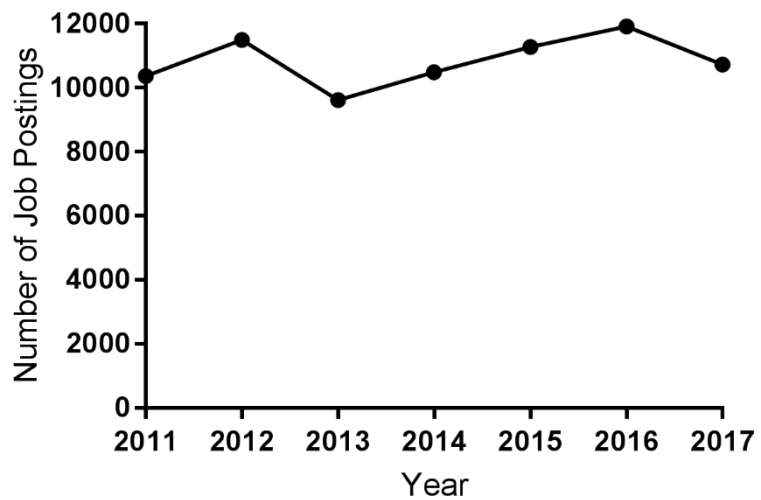
## Baseline (Soft) Skills: Industry Research



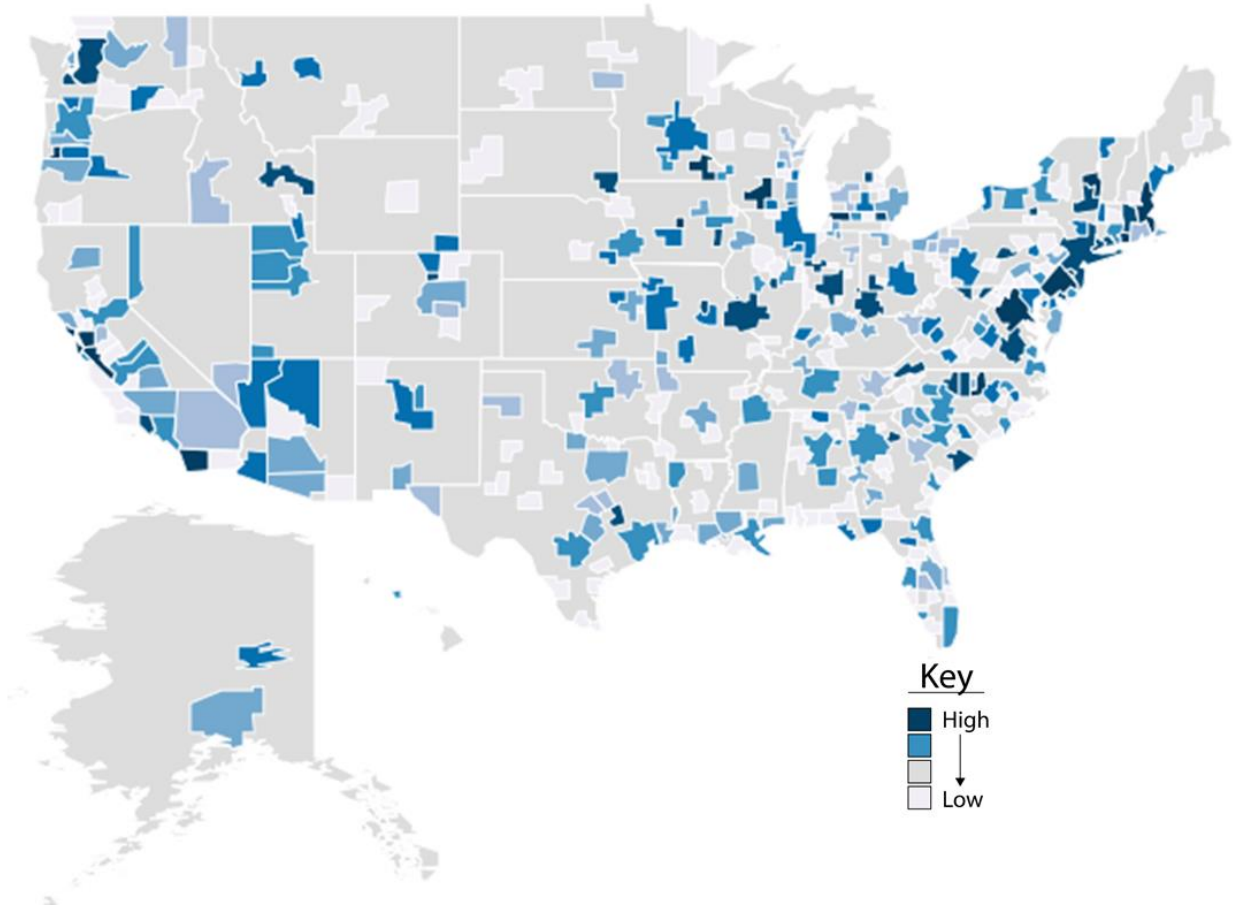
# Computer Skills: Industry Research



# Job Postings by Year: Industry Research



# High Demand Areas: Industry Research



Metro Area	Job Postings
Boston-Cambridge-Nashua, MA-NH	1,498
San Francisco-Oakland-Hayward, CA	1,066
New York-Newark-Jersey City, NY-NJ-PA	876
Washington-Arlington-Alexandria, DC-VA-MD-WV	664
Philadelphia-Camden-Wilmington, PA-NJ-DE-MD	585
San Diego-Carlsbad, CA	510
Chicago-Naperville-Elgin, IL-IN-WI	273
San Jose-Sunnyvale-Santa Clara, CA	249
Los Angeles-Long Beach-Anaheim, CA	248
Seattle-Tacoma-Bellevue, WA	209

Law

Number of Jobs Postings in Search:

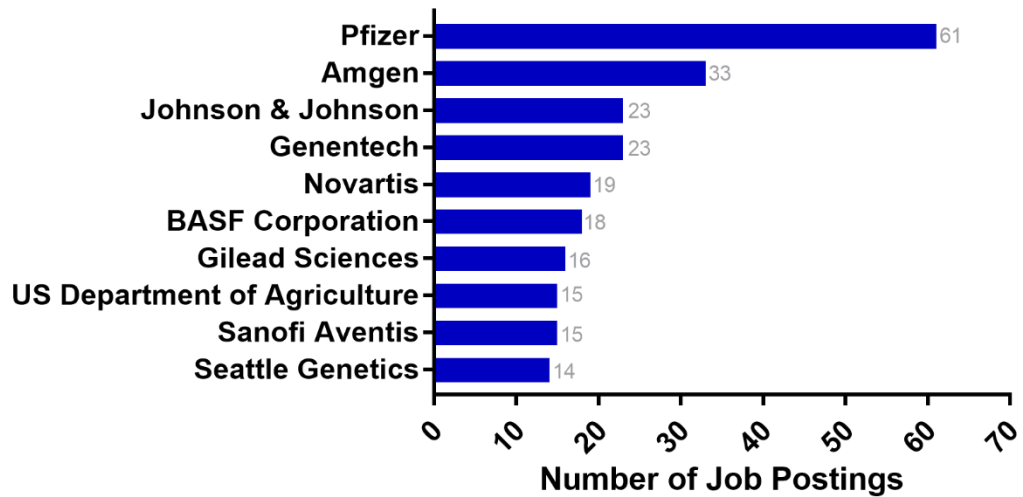
1,232



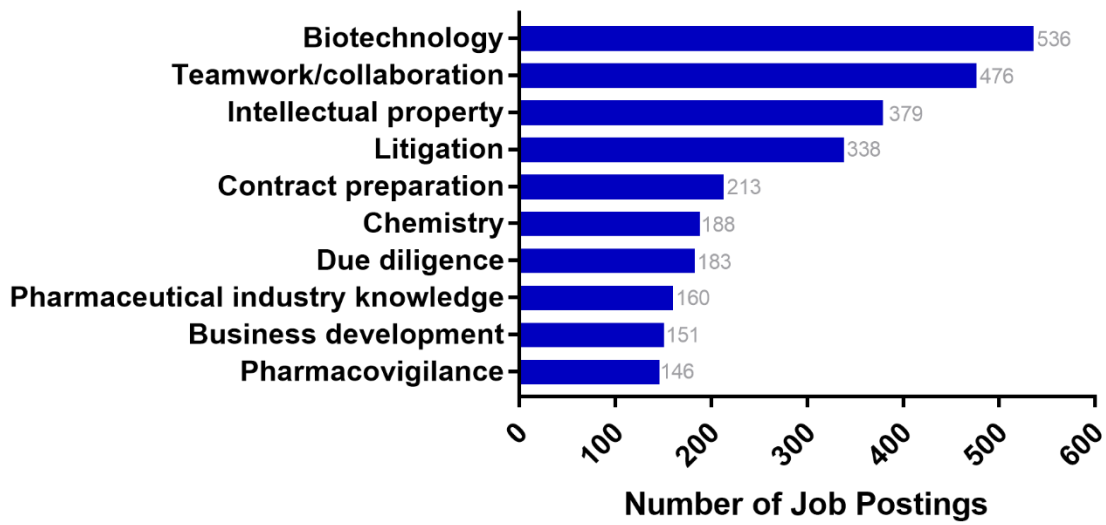
## Top Job Titles: Law



## Top Employers: Law



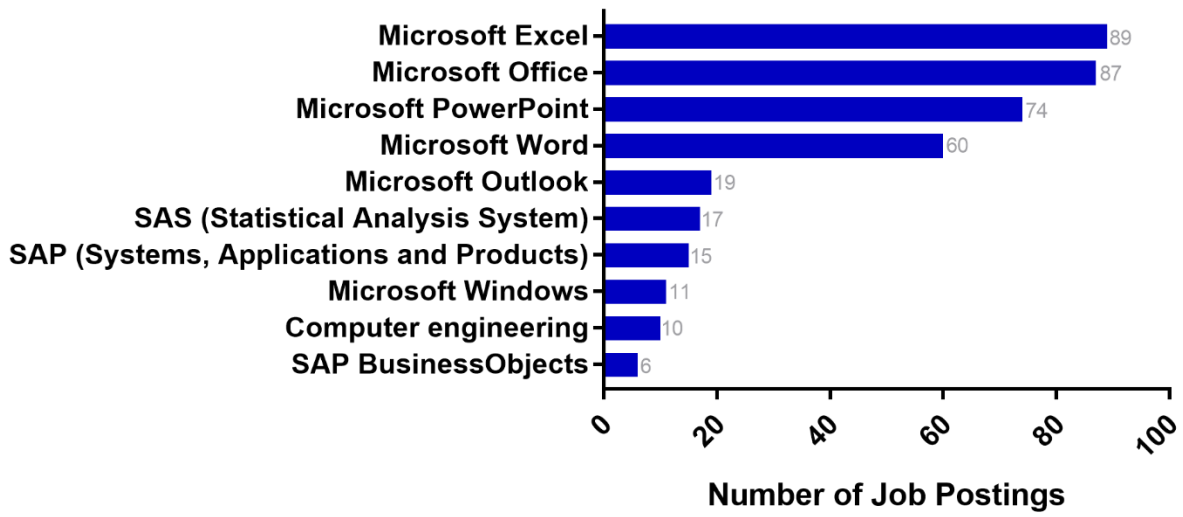
## Specialized (Hard) Skills: Law



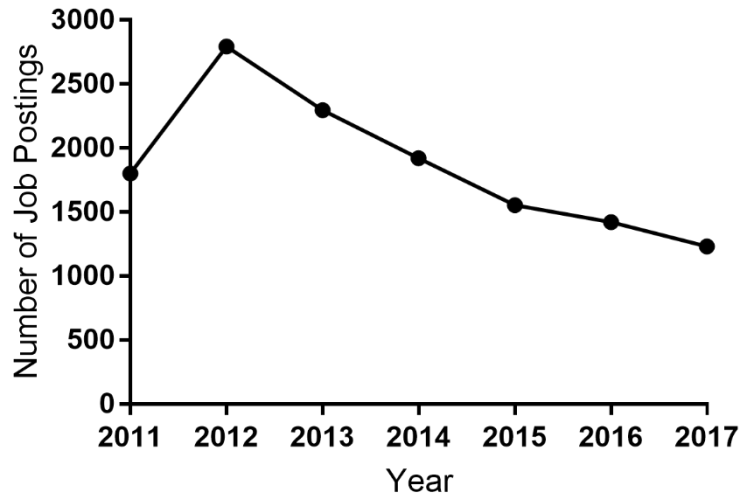
## Baseline (Soft) Skills: Law



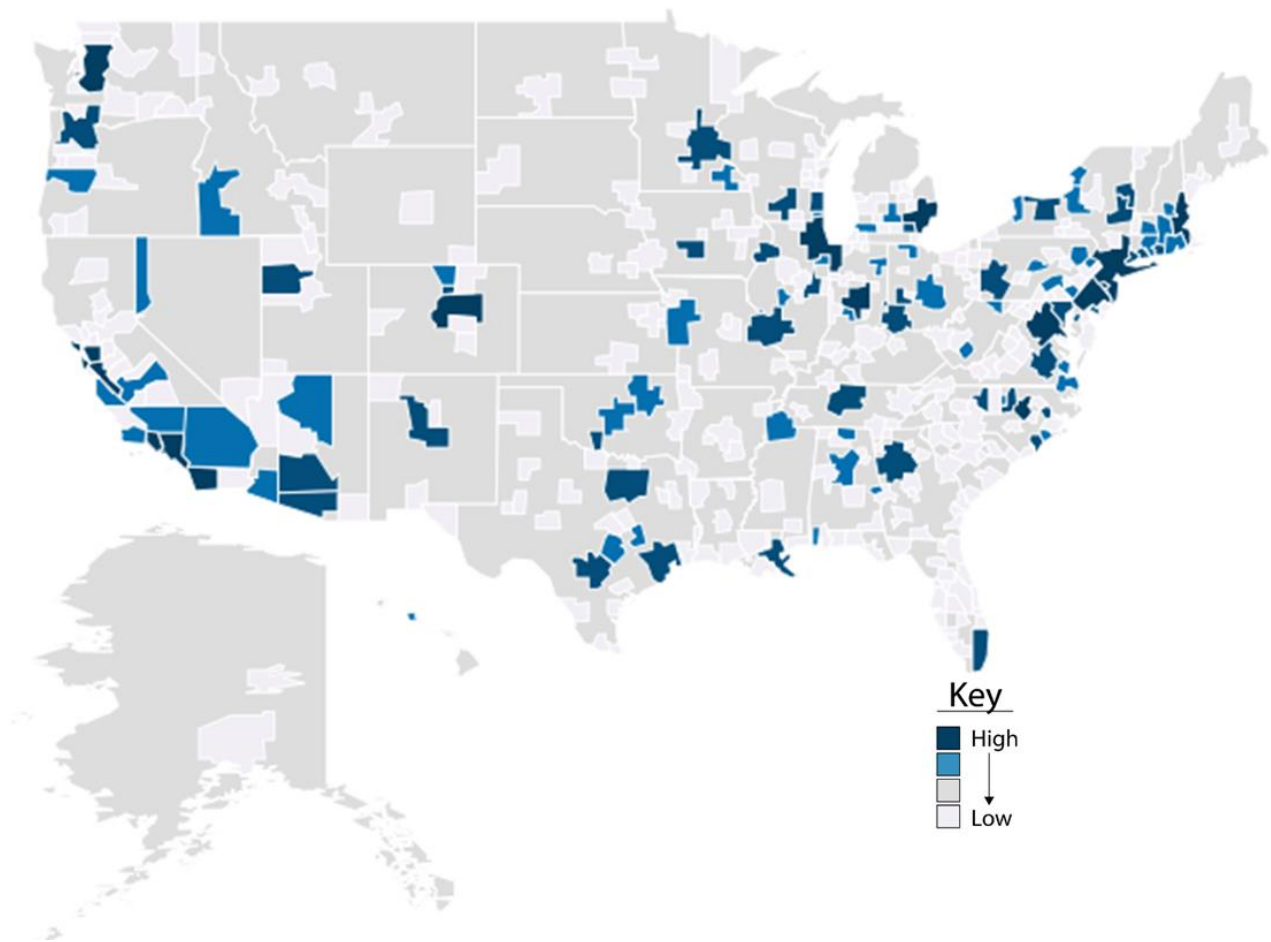
## Computer Skills: Law



## Job Postings by Year: Law



## High Demand Areas: Law



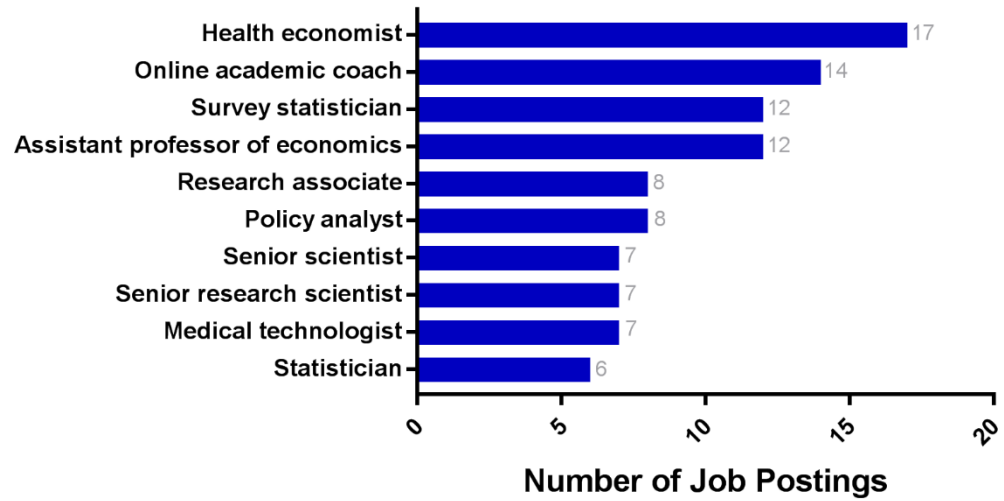
Metro Area	Job Postings
New York-Newark-Jersey City, NY-NJ-PA	219
Boston-Cambridge-Nashua, MA-NH	191
San Francisco-Oakland-Hayward, CA	130
Washington-Arlington-Alexandria, DC-VA-MD-WV	77
Philadelphia-Camden-Wilmington, PA-NJ-DE-MD	69
San Diego-Carlsbad, CA	57
Chicago-Naperville-Elgin, IL-IN-WI	56
Oxnard-Thousand Oaks-Ventura, CA	39
Los Angeles-Long Beach-Anaheim, CA	33
San Jose-Sunnyvale-Santa Clara, CA	28

# Policy

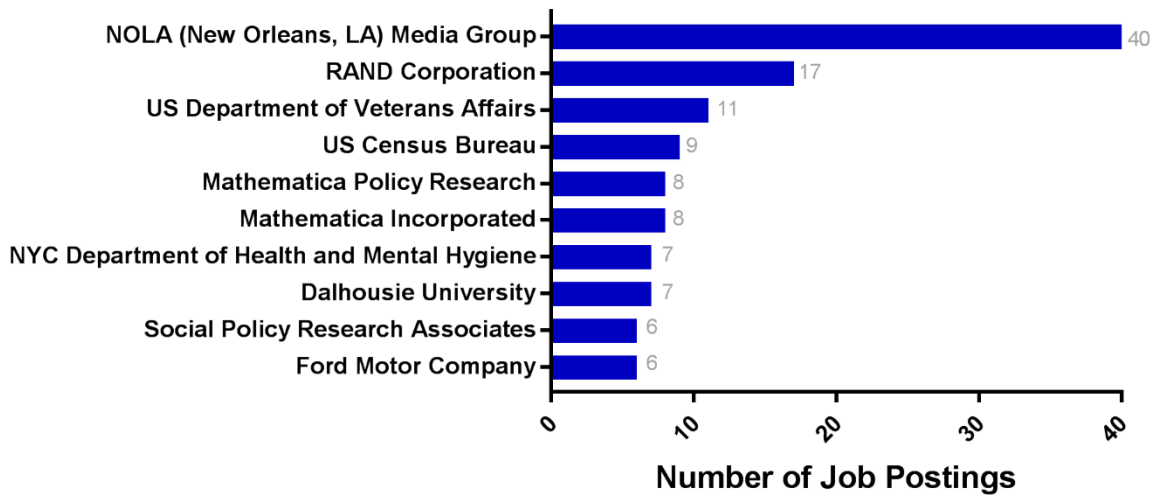
Number of Jobs Postings in Search:

513

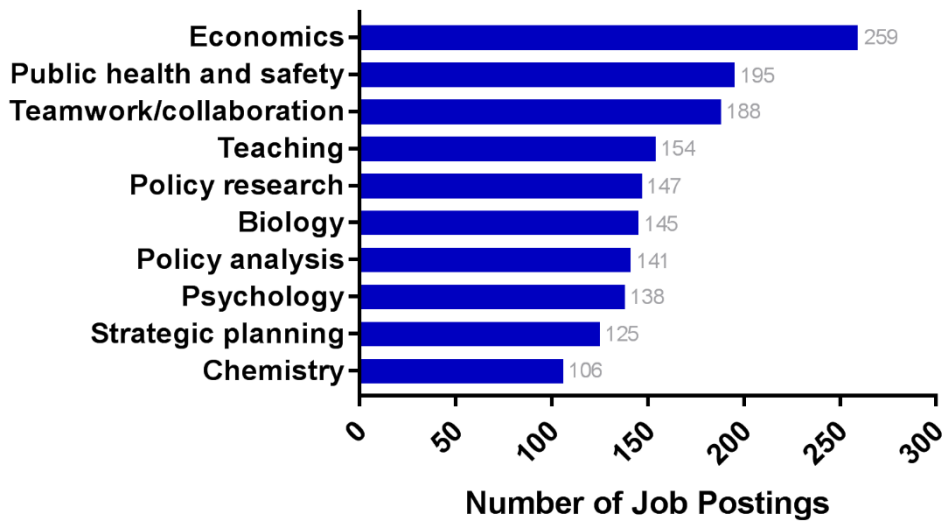
## Top Job Titles: Policy



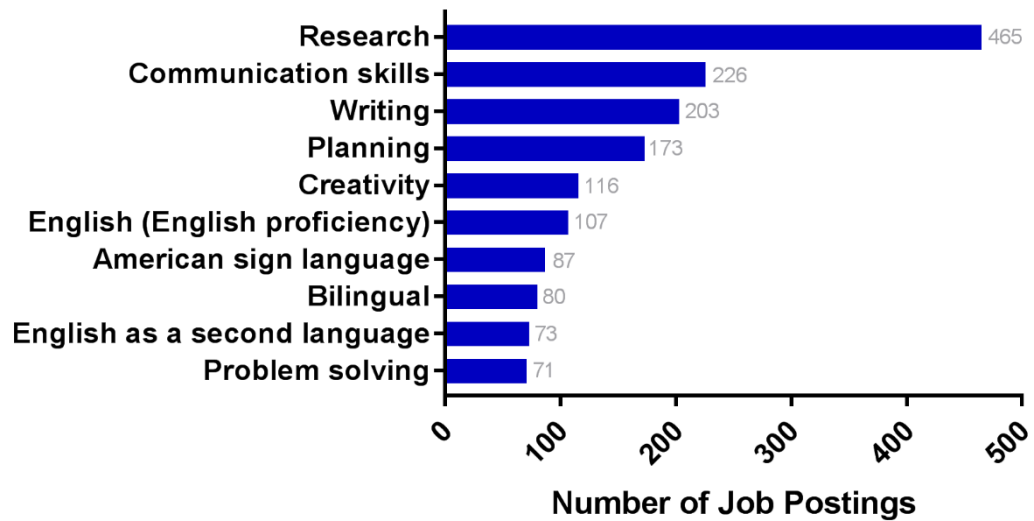
## Top Employers: Policy



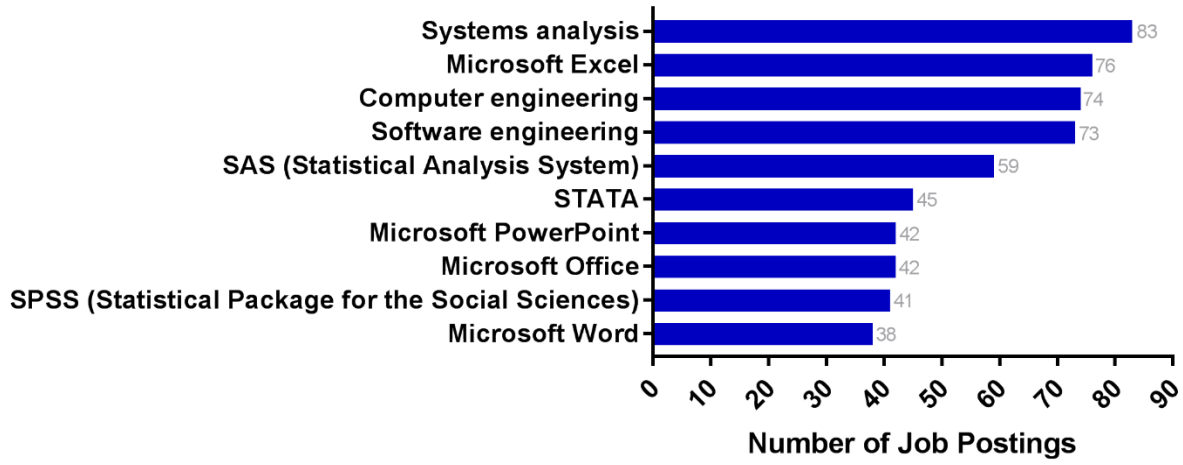
## Specialized (Hard) Skills: Policy



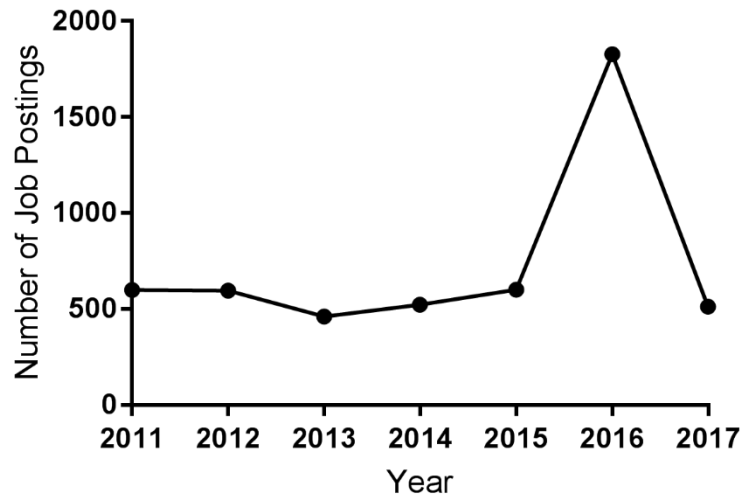
## Baseline (Soft) Skills: Policy



## Computer Skills: Policy

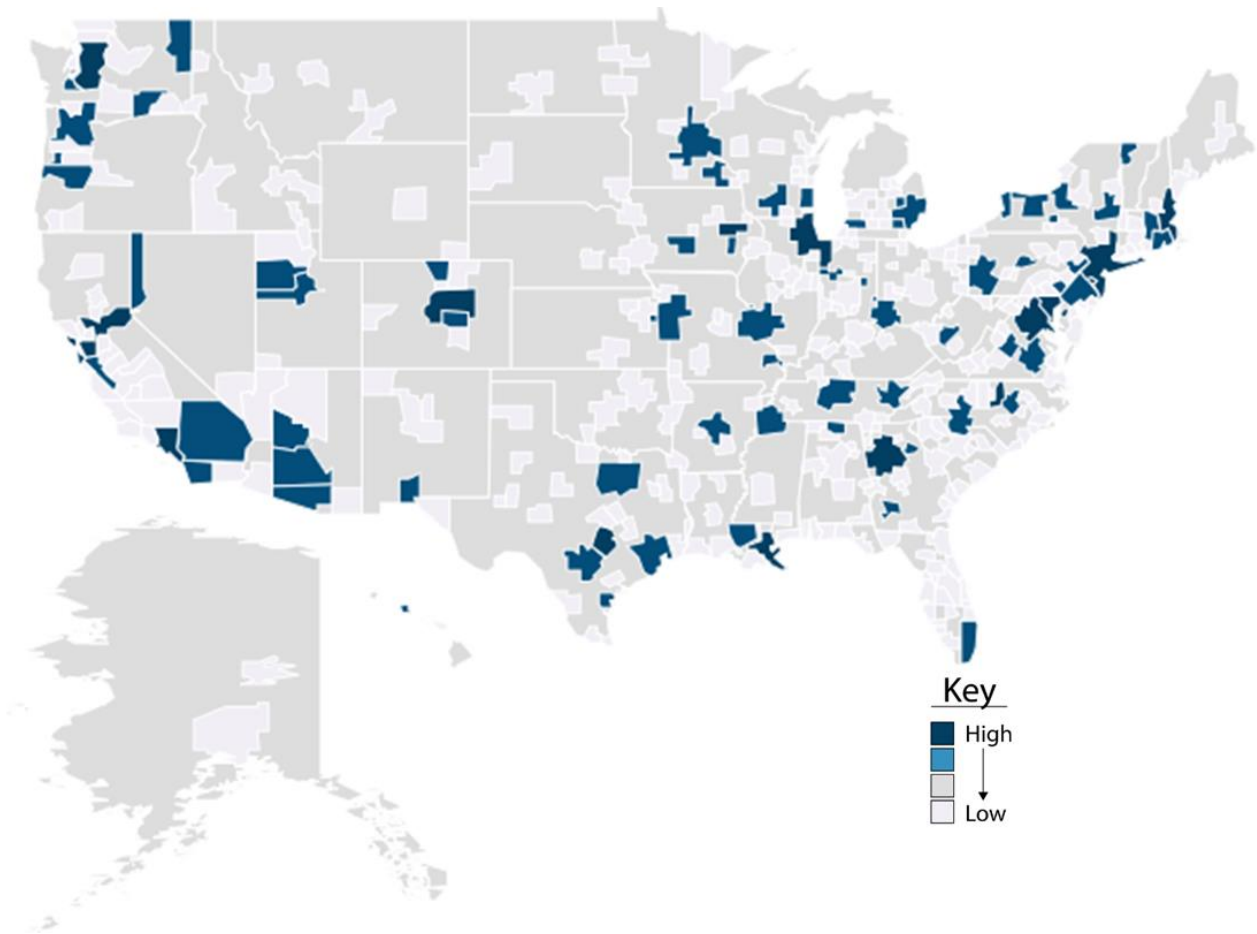


## Job Postings by Year: Policy





## High Demand Areas: Policy



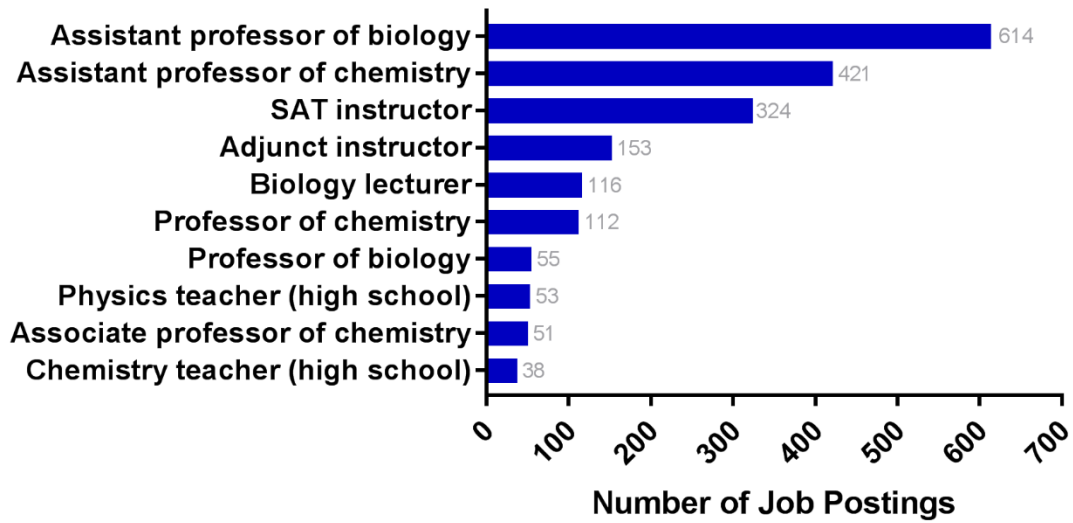
Metro Area	Job Postings
Washington-Arlington-Alexandria, DC-VA-MD-WV	87
New York-Newark-Jersey City, NY-NJ-PA	39
Boston-Cambridge-Nashua, MA-NH	30
San Francisco-Oakland-Hayward, CA	27
Los Angeles-Long Beach-Anaheim, CA	17
Baltimore-Colombia-Towson, MD	14
Seattle-Tacoma-Bellevue, WA	14
Sacramento-Roseville-Arden-Arcade, CA	13
Atlanta-Sandy Springs-Roswell, GA	12
New Orleans-Metairie, LA	11

# Teaching

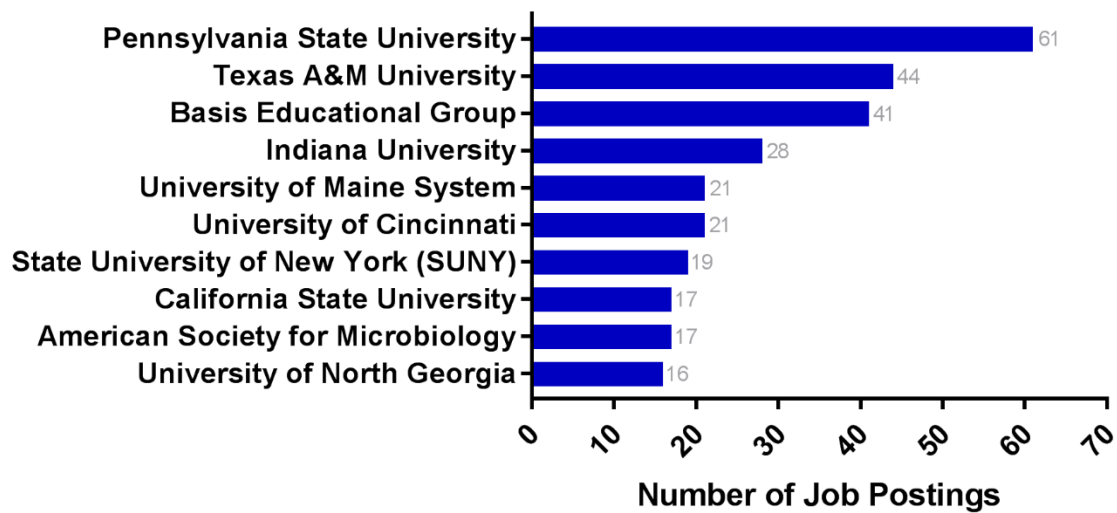
Number of Jobs Postings in Search:

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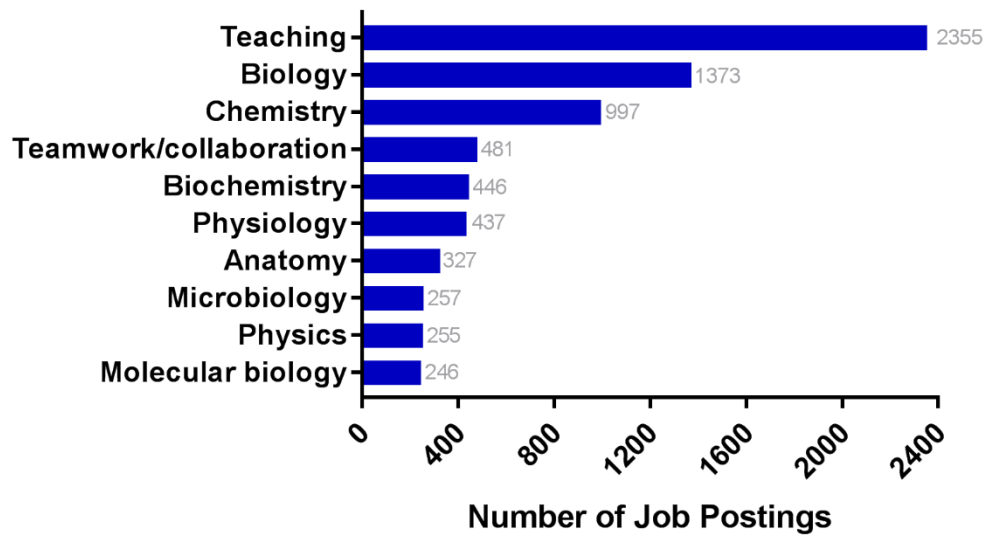
## Top Job Titles: Teaching



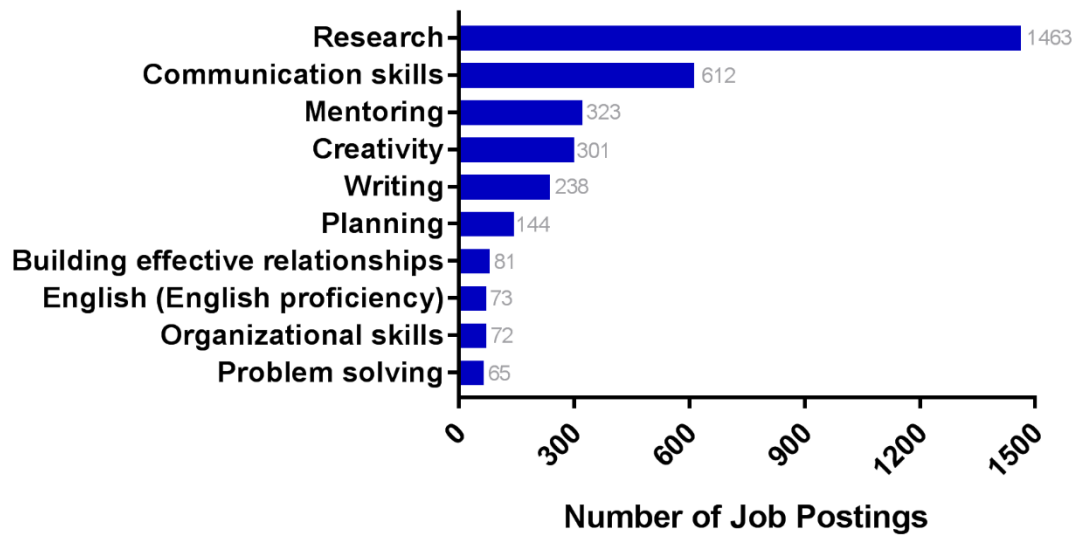
## Top Employers: Teaching



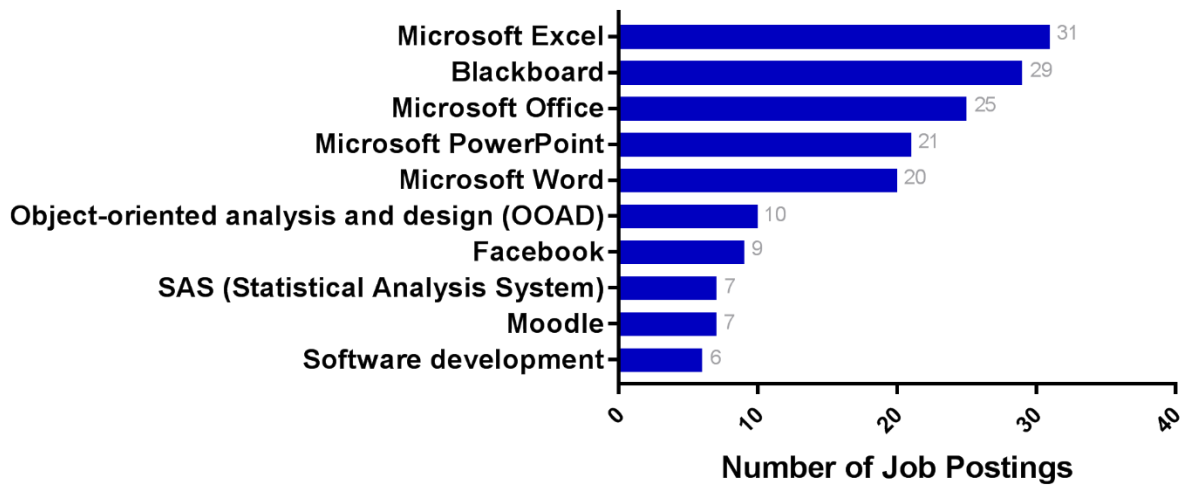
## Specialized (Hard) Skills: Teaching



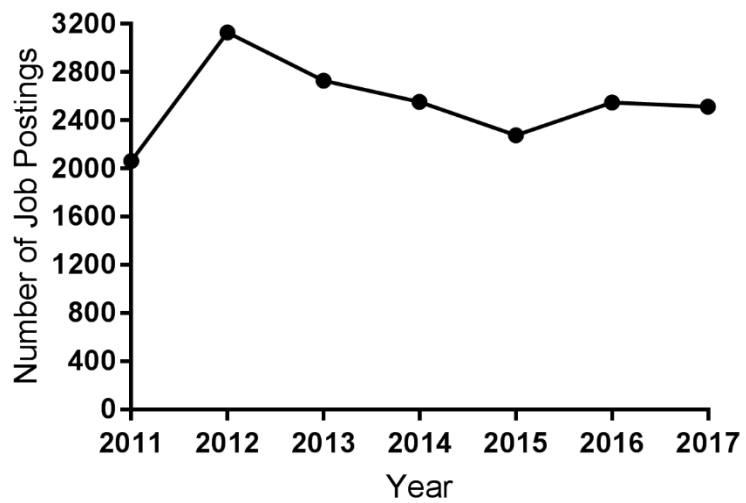
## Baseline (Soft) Skills: Teaching



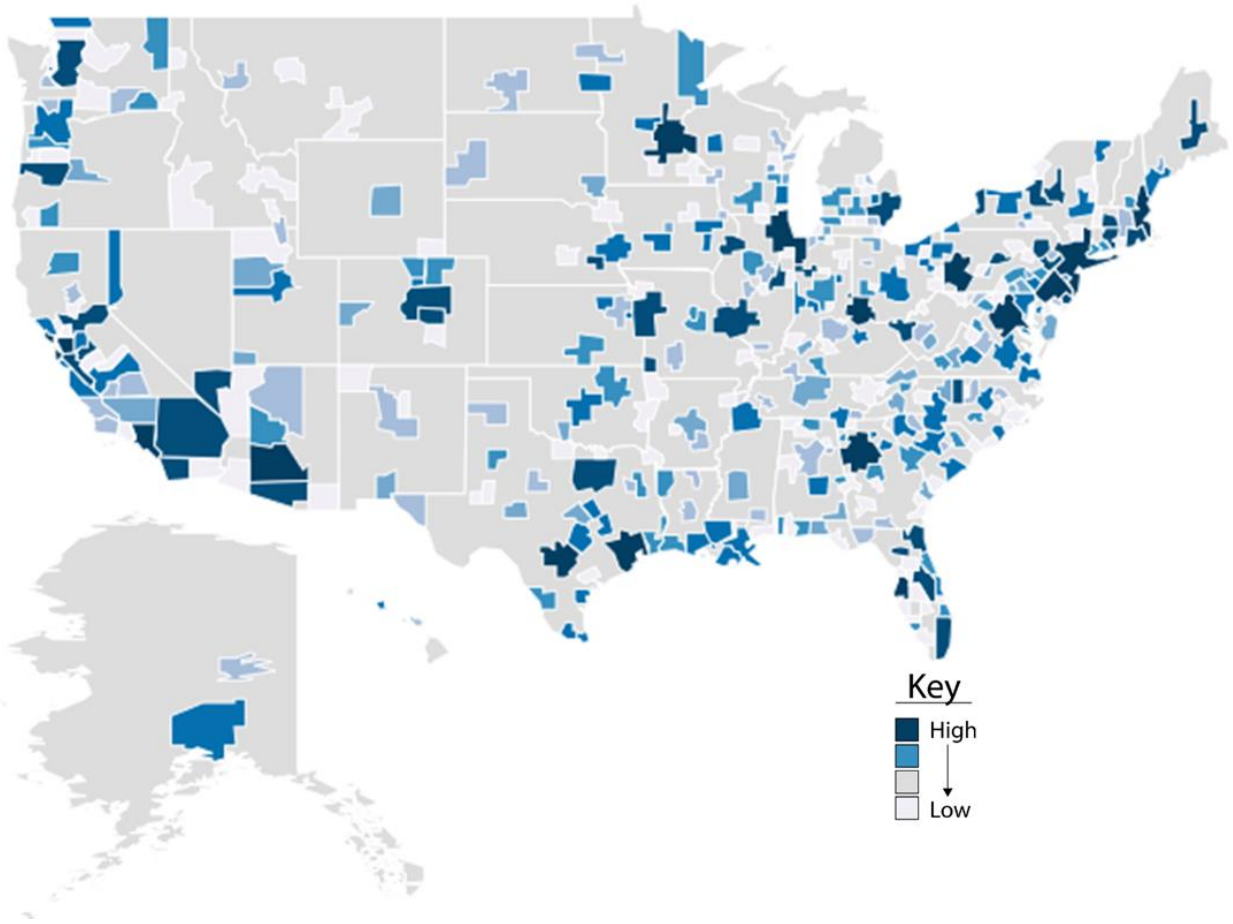
## Computer Skills: Teaching



## 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