BU’s BEST
Biomedical Workforce Data 2018
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.
Teaching

Number of Jobs Postings in Search:
2,496
Specialized (Hard) Skills: Teaching

- Teaching: 2322
- Biology: 1358
- Chemistry: 1063
- Biochemistry: 466
- Physiology: 409
- Anatomy: 327
- Microbiology: 274
- Organic Chemistry: 234
- Molecular Biology: 229
- Physics: 226
- Genetics: 211
- Academic Advisement: 199
- Curriculum Development: 177
- Cell Biology: 137
- Natural Sciences: 117

Baseline (Soft) Skills: Teaching

- Research: 1354
- Communication Skills: 617
- Teamwork & Collaboration: 438
- Mentoring: 331
- Creativity: 260
- Writing: 184
- Planning: 137
- Organizational Skills: 69
- Building Effective Relationships: 68
- English Proficiency: 63
- Problem Solving: 59
- Bilingual: 49
- Computer Literacy: 38
- Detail-Oriented: 35
- Presentation Skills: 30

Number of Job Postings
High Demand Areas: Teaching

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