

Evolving Workforces

# U.S. Life Sciences Research Talent 2023

REPORT

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Accessing Top Talent  
Amid the Growing  
Life Sciences  
Revolution

CBRE RESEARCH  
JUNE 2023

**CBRE**



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01

# Executive Summary





**The number of U.S. life sciences research professionals grew by 3.1% last year to a record 545,000,**

compared with a 2.2% increase for all U.S. occupations.



**The labor market for life sciences research talent remains extremely tight.**

Although a slowing economy could change this dynamic, the number of U.S. life sciences researchers has not declined in more than 20 years through three recessions.



**U.S. life sciences researchers tend to be younger, slightly more diverse and have higher salaries and wage growth than the overall U.S. workforce.**

The average salary for U.S. life sciences researchers increased by 14.5% between 2018 and 2021, compared with 10.2% for all private industry employees. This trend will likely persist through 2023.



**The number of college graduates earning biological and biomedical sciences degrees increased by 4.8% year-over-year in 2021 to 171,520.**

Certain metros are producing high numbers of graduates in specialized life sciences fields, such as Washington, D.C./Baltimore for biotechnology and Sacramento for genetics.



**CBRE has identified the top 25 U.S. markets for life sciences research talent in 2023.**

The top three markets remain Boston/Cambridge, the San Francisco Bay Area and Washington, D.C./Baltimore.

Philadelphia, Denver/Boulder, Miami/Fort Lauderdale and Sacramento showed the most improvement in the top 25 rankings from the previous year.





The top three markets for life sciences research talent are Boston/Cambridge, the San Francisco Bay Area and Washington, D.C./Baltimore.



02

# U.S. Life Sciences Research Talent Trends

There are more life sciences researchers in the United States than ever before, numbering roughly 545,000.

These researchers encompass such roles as biochemists, biological scientists, chemists and skilled laboratory support staff. They form the core of the industry’s rapid growth, underpinning new innovation and discoveries.

Between 2002 and 2022, the number of U.S. life sciences researchers grew 87%, compared with only 14% for all U.S. occupations (Figure 1).

U.S. life sciences researchers have four main areas of expertise:

01

Chemistry  
Chemists

02

Biology  
Biological scientists, biophysicists, bioengineers, etc.

03

Medical and health care  
Medical scientists, epidemiologists

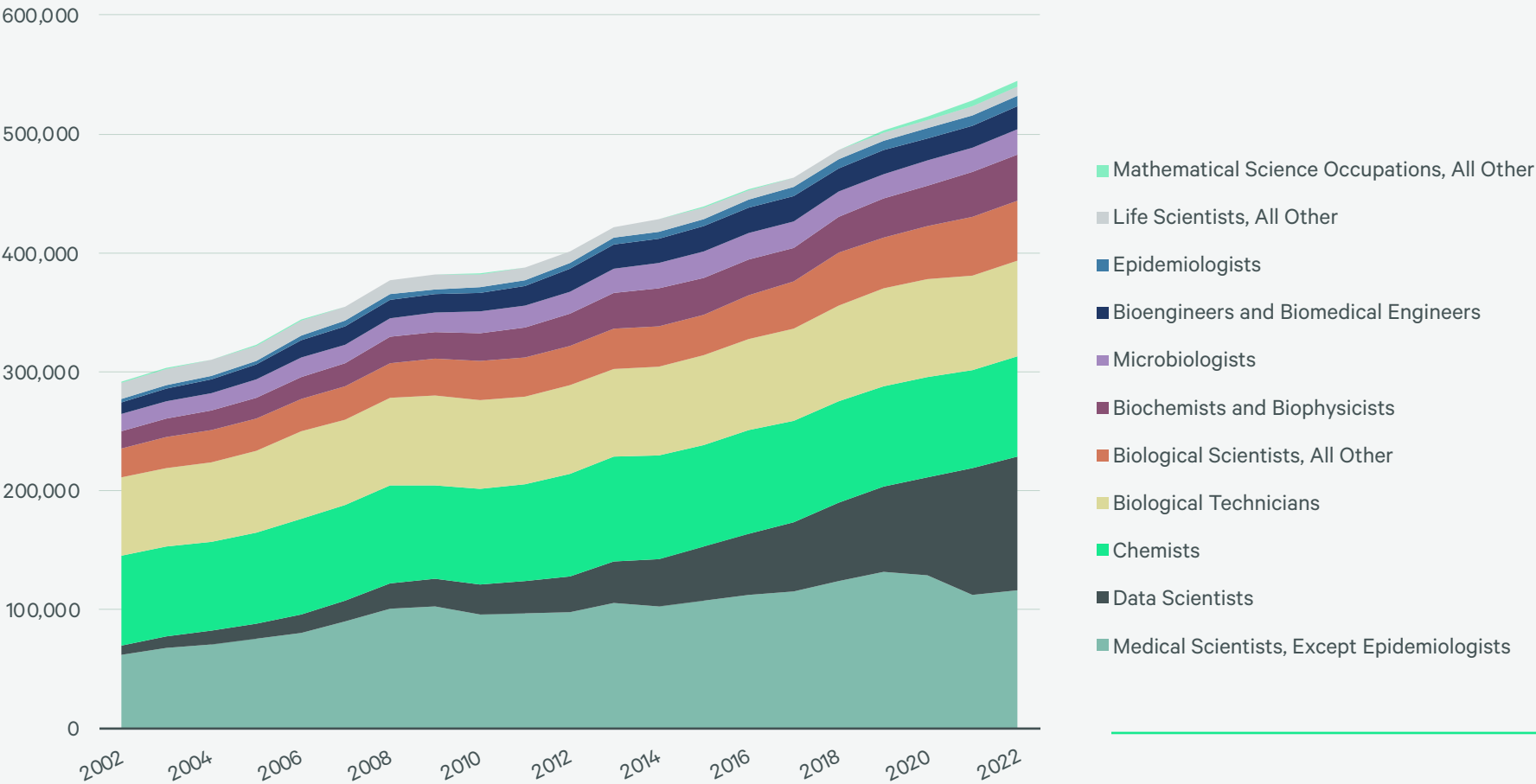
04

Digital and analytics  
Data scientists, etc.





Figure 1: U.S. Life Sciences Research Talent



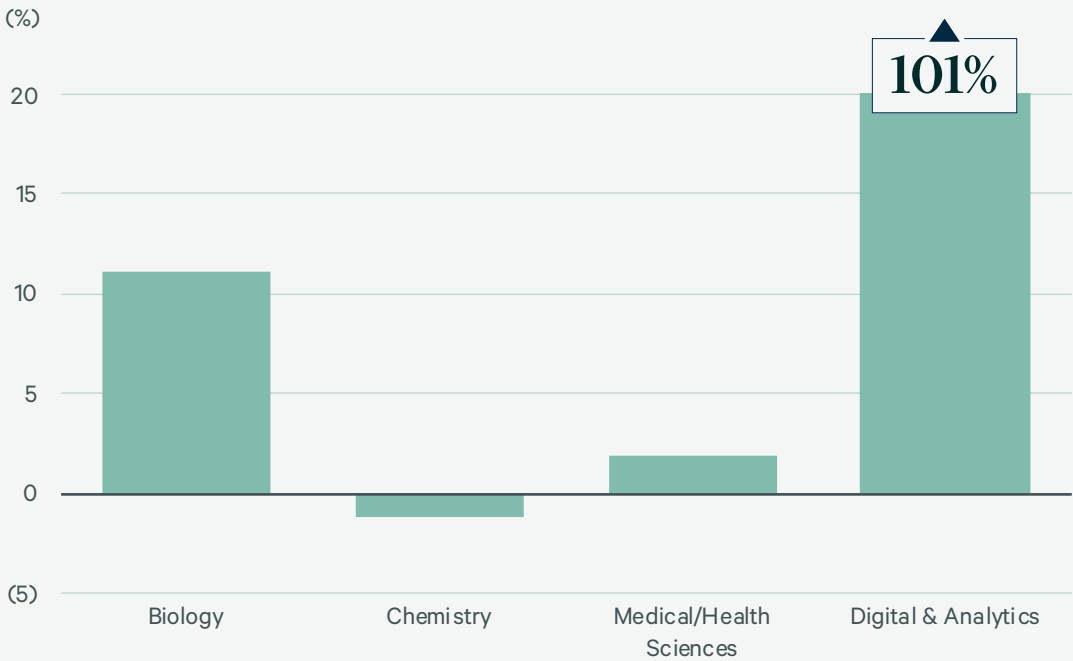
Source: Lightcast, Q2 2023.

Between 2002 and 2022, the number of U.S. life sciences researchers grew 87%, compared with only 14% for all U.S. occupations.

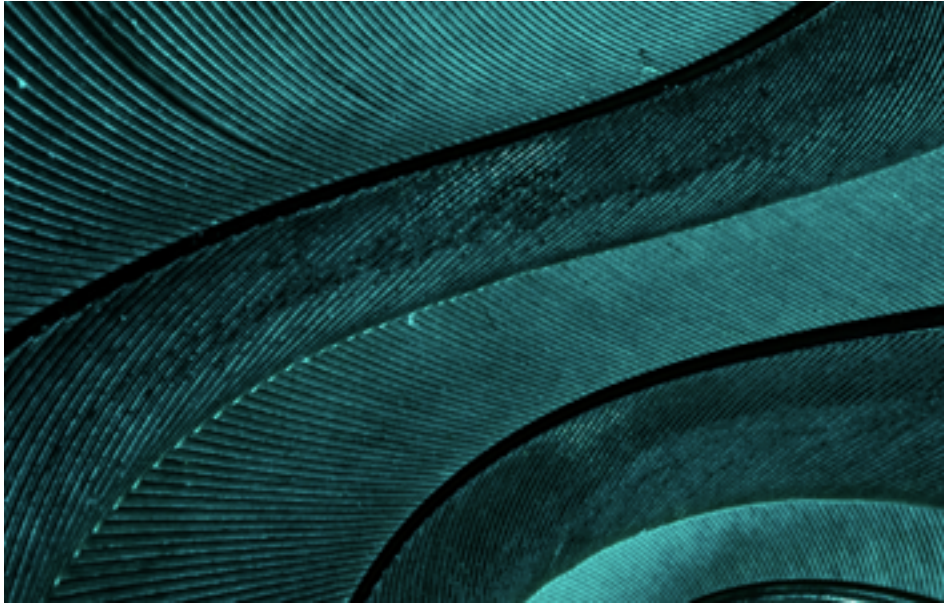
There continues to be an occupational shift from chemistry to biology, reflecting larger industry trends. The number of biology-based researchers increased by 11.1% over the past five years, while the number of chemists fell by 1.2%. Meanwhile, the number of digital and analytics workers, including those not employed in the life sciences industry, more than doubled due to innovations in artificial intelligence and machine learning (Figure 2).

As the life sciences industry continues to expand, the labor market for life sciences researchers remains historically tight. Unemployment rates for select life sciences researchers are well below the broader economy’s unemployment rate. As a result, labor market weakness in an economic downturn may not impact life sciences researchers as much as more cyclical sectors (Figure 3).

Figure 2: Growth Rates of Life Sciences Research Occupations, 2017-2022



Source: Lightcast, Q2 2023.



11.1%

increase over the past five years in biologics-based occupations.

101%

increase over the past five years in digital & analytics occupations.



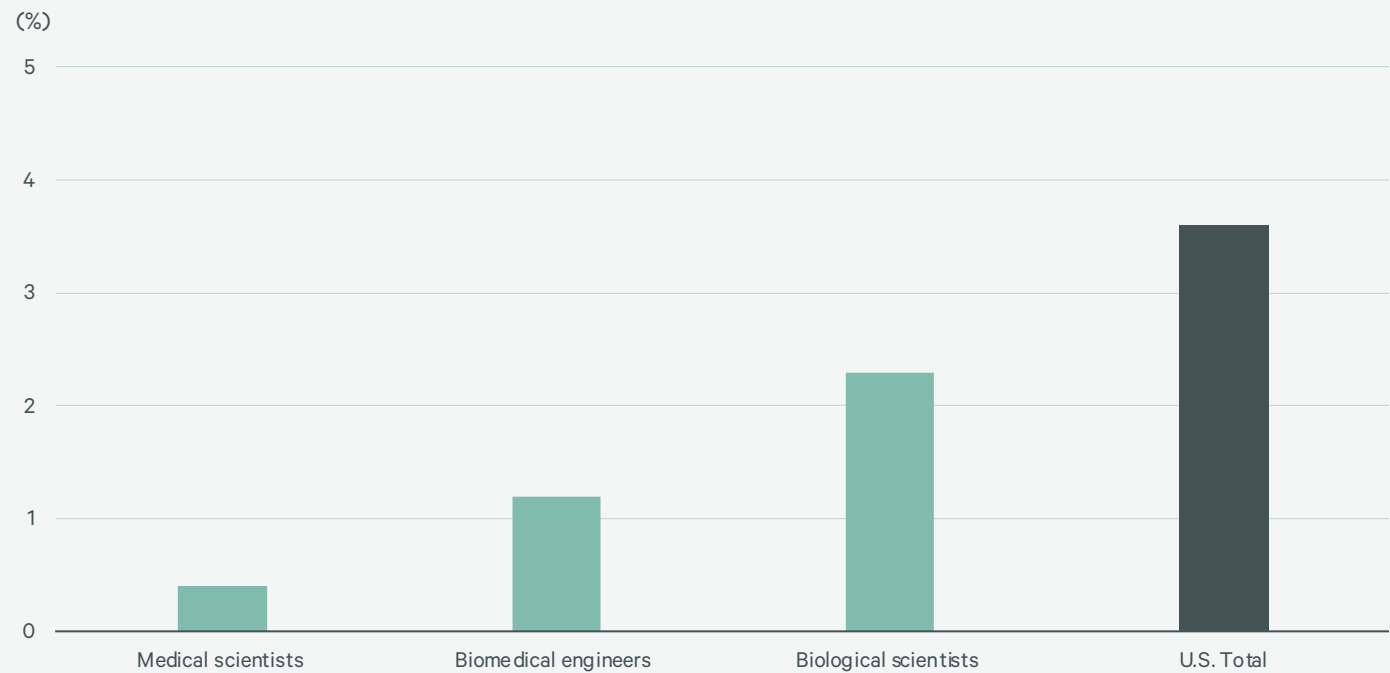
The digital & analytics area of expertise has grown due to industry innovation in artificial intelligence and machine learning.







Figure 3: 2022 U.S. Unemployment Rates by Life Sciences Occupation & U.S. Total



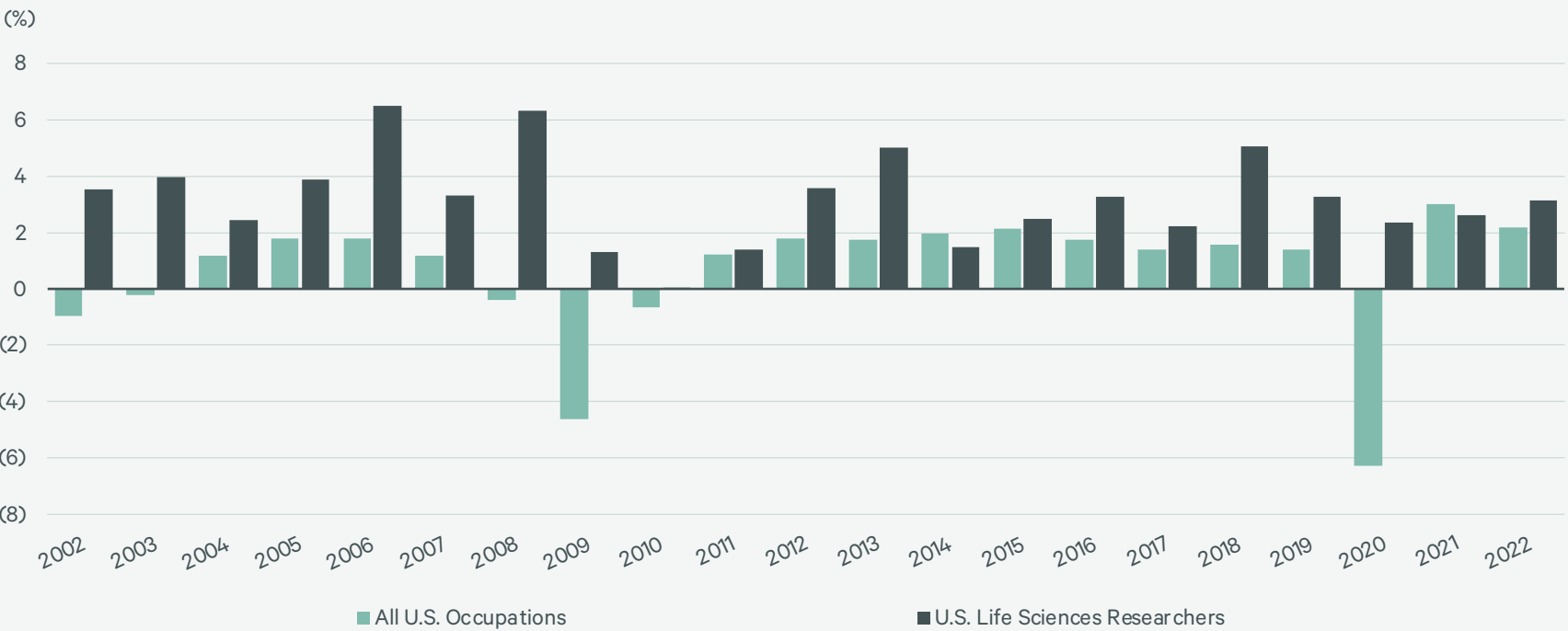
Source: U.S. Bureau of Labor Statistics, CBRE Research, February 2023.

Unemployment rates for select life sciences researchers are well below the broader economy’s unemployment rate. As a result, labor market weakness in an economic downturn may not impact life sciences researchers as much as more cyclical sectors.

The number of life sciences research jobs has not fallen in the past 20 years, displaying unusual resilience even for an industry that is particularly stable in economic downturns (Figure 4).

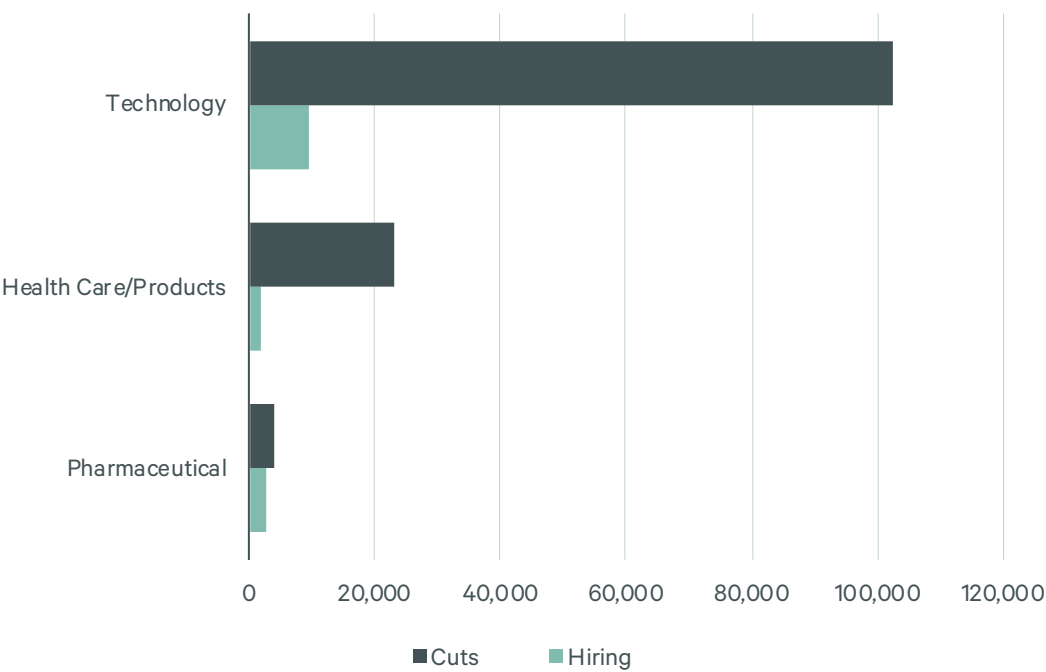
Some segments of the labor market are softening. However, the pharmaceutical industry is demonstrating more job stability than the technology or health care/products industries. While there are more announced cuts than hirings in each of these three industries, the pharmaceutical industry maintains by far the most closely balanced ratio of hiring to cuts. This may indicate greater stability in the life sciences labor market in 2023 than in other sectors (Figure 5).

Figure 4: Total U.S. vs. Life Sciences Research Job Growth



Source: Lightcast, Q2 2023.

Figure 5: Q1 2023 Announced Job Cuts & Hiring by Industry



Source: Challenger & Gray, April 2023.

Announced hiring plans in the pharmaceutical industry have been more resilient than in the technology and health care/products industries, comparing Q1 2023 data to one year ago (Figure 6).

The life sciences industry requires a strong pool of new university graduates to meet its growing need for talent. The U.S. had a record-high 171,520 biological and biomedical sciences degrees and certifications conferred in 2021. This represents a 4.8% year-over-year increase that has continued at an accelerated pace each year since 2017 (Figure 7).

Biological and biomedical science degrees and certifications increased by 12.6% since 2018. This greatly exceeds the 4.6% growth in all U.S. degrees and certifications over the same period (Figure 8).

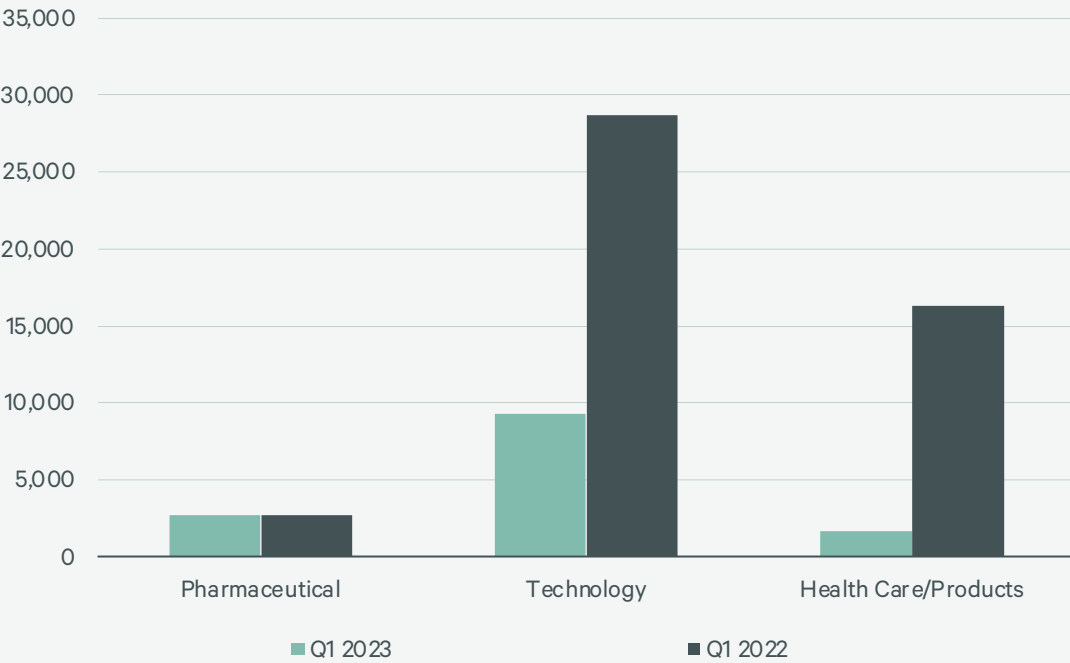
+4.8%

year-over-year change in degrees & certifications issued in biological/ biomedical sciences.

+12.6%

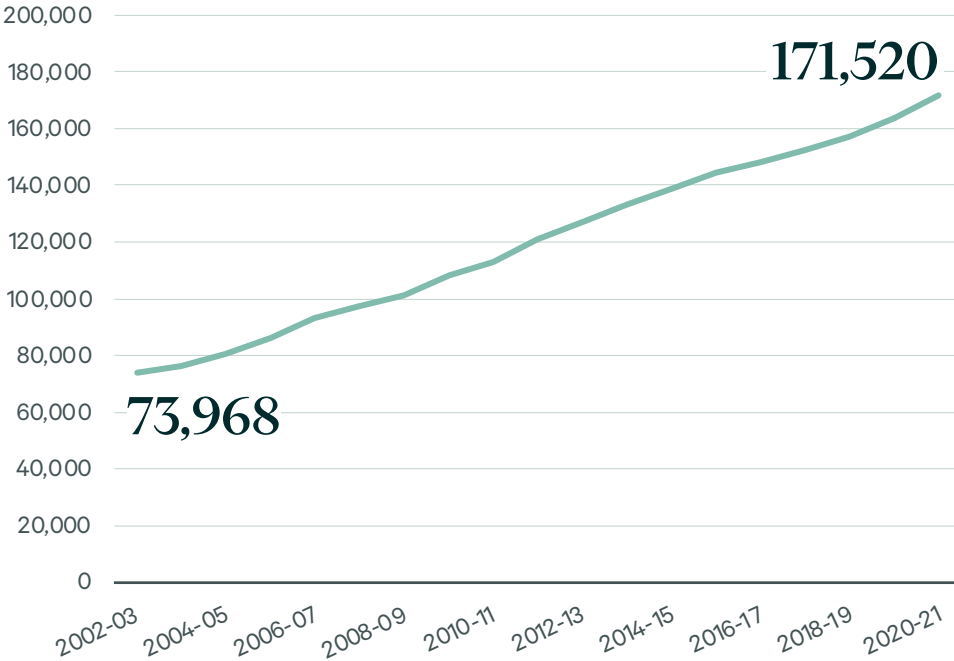
change in biological and biomedical science degrees & certifications since 2018

Figure 6: Q1 2023 vs. Q1 2022 Announced Hiring by Industry



Source: Challenger & Gray, April 2023.

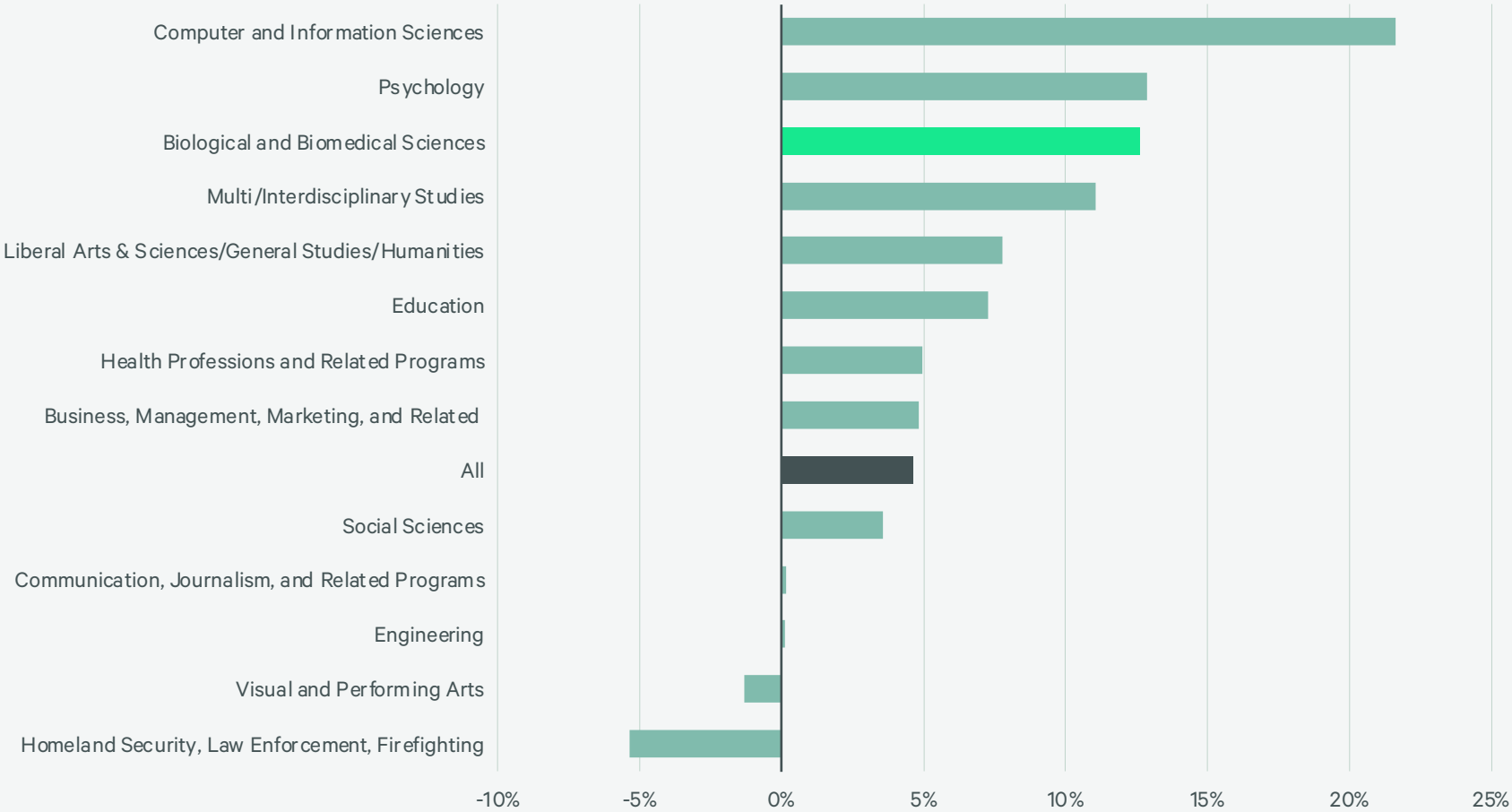
Figure 7: Biological & Biomedical Sciences Degrees & Certificates Awarded at U.S. Postsecondary Institutions



Source: U.S. Dept. of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System, CBRE Research, Q2 2023.



**Figure 8:** Academic Degrees/Certificates Earned Between 2018 and 2021



Source: U.S. Dept. of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System, CBRE Research, Q2 2023.  
Note: Only select disciplines shown with at least 100,000 degrees and certificates issued.



A low-angle shot looking up at a clear blue sky with scattered white clouds. Numerous black graduation caps with blue tassels are captured mid-air, appearing to be tossed by graduates. In the bottom right corner, the arms and hands of graduates in blue gowns are visible, reaching up towards the caps. One hand is holding a rolled-up white diploma.

Biological and biomedical science degrees and certifications increased by 12.6% since 2018. This greatly exceeds the 4.6% growth in all U.S. degrees and certifications over the same period.

03

# Geography of Existing U.S. Life Sciences Research Talent



The largest pools of existing U.S. life sciences research talent are still in the Northeast Corridor (Boston/Cambridge to Washington, D.C./ Baltimore), as well as in California.

Some of the fastest growing markets for life sciences research talent include major population centers, such as Atlanta, Dallas/Fort Worth, Phoenix and Miami/Fort Lauderdale. Some smaller markets, such as Salt Lake City, Kansas City and Richmond, are showing impressive growth rates.


Most life sciences researchers are in the nation’s most populous metro, New York/New Jersey. However, the next three regions (Boston/Cambridge, the San Francisco Bay Area and Washington, D.C./Baltimore) each have less than half of New York/New Jersey’s population but have a comparable number of life sciences researchers. The significantly higher amount of life sciences researchers per capita demonstrates the intensity of life sciences research activity in these metros.

Philadelphia, a generally slower-growth metro, has the fifth most life sciences researchers and continues to achieve above-average rates of growth.



Most life sciences researchers are in the nation’s most populous metropolitan regions.



An aerial photograph of a coastal city, likely San Diego, showing waves crashing onto a sandy beach. The ocean is a deep blue-green, and the waves are white with foam. The beach is a light tan color. To the right of the beach, there is a dense residential area with many houses, some of which have swimming pools. The houses are mostly single-story with red or brown roofs. The overall scene is a mix of natural beauty and urban development.

While San Diego has the seventh largest pool of life sciences researchers, it ranks even higher on a per-capita basis given its relatively smaller population.

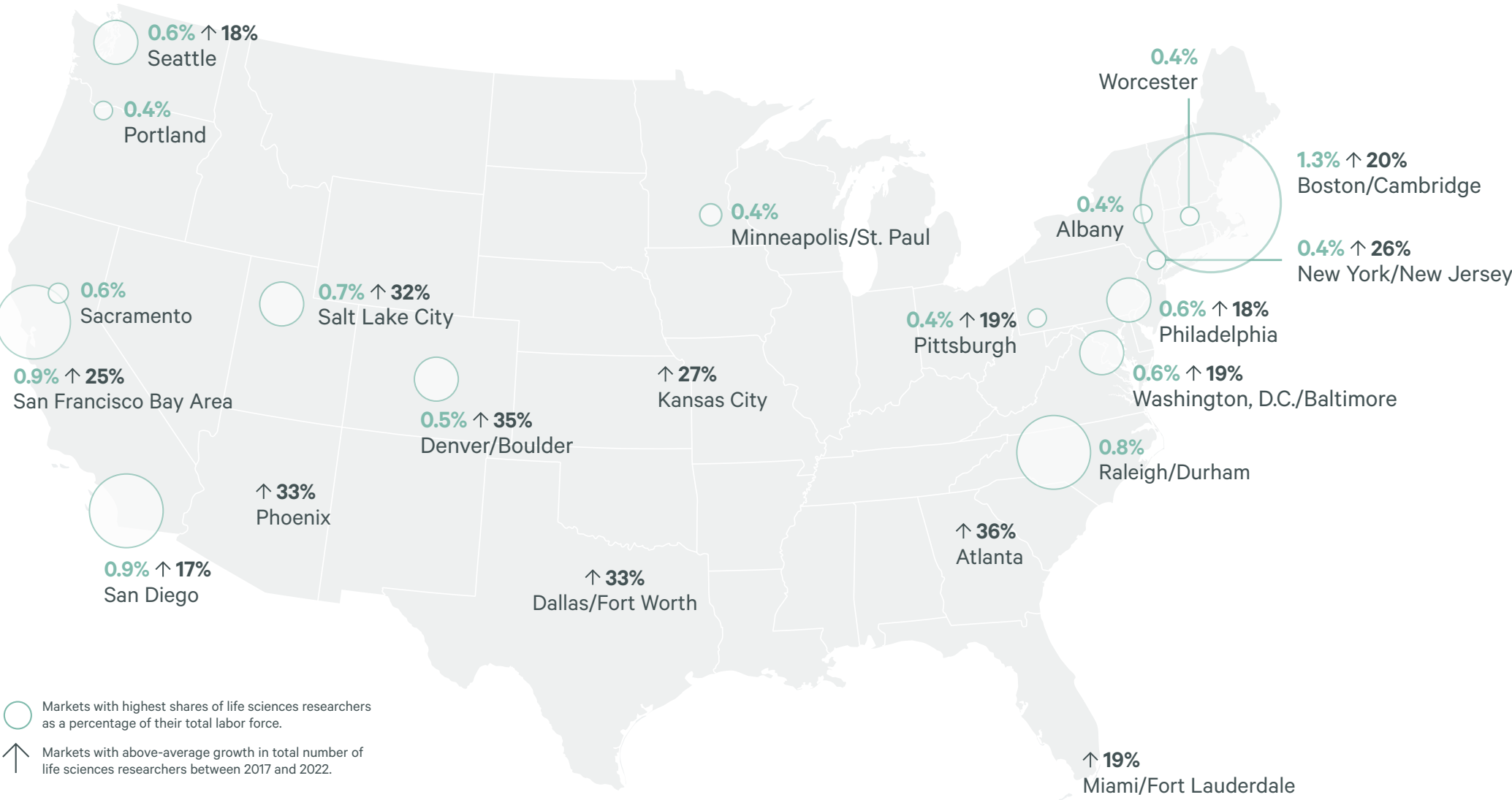


Figure 9: Most Concentrated Life Sciences Research Clusters (% of Labor Force) & Select High-Growth Markets

Figure 9 illustrates select U.S. markets’ concentration of life sciences researchers (researchers per capita) and growth in the number of researchers in the past five years.

In terms of concentration of life sciences research talent, Boston/Cambridge leads all U.S. markets with 1.3% of its labor force employed in this sector. The next tier of markets with high concentrations includes the San Francisco Bay Area, San Diego and Raleigh/Durham, all having between 0.8% and 0.9% of their labor force employed as life sciences researchers. Philadelphia, Washington, D.C./ Baltimore, Seattle and Denver/Boulder also have high concentrations of life sciences talent, as do smaller markets like Salt Lake City, Sacramento and Pittsburgh.

In terms of five-year life sciences researcher growth, most markets with the highest concentrations of researchers also exhibited among the highest growth of researchers. Various emerging life sciences research hubs highlighted in Figure 9 also have some of the nation’s highest growth of life sciences researchers. These markets range from large metropolitan areas, such as Dallas/Fort Worth, Atlanta and Miami/Fort Lauderdale, to smaller metros, such as Kansas City and Salt Lake City. Each metro contains a leading research institution.



Source: Lightcast CBRE Research, Q2 2023.

04

# Sources of Emerging U.S. Life Sciences Research Talent

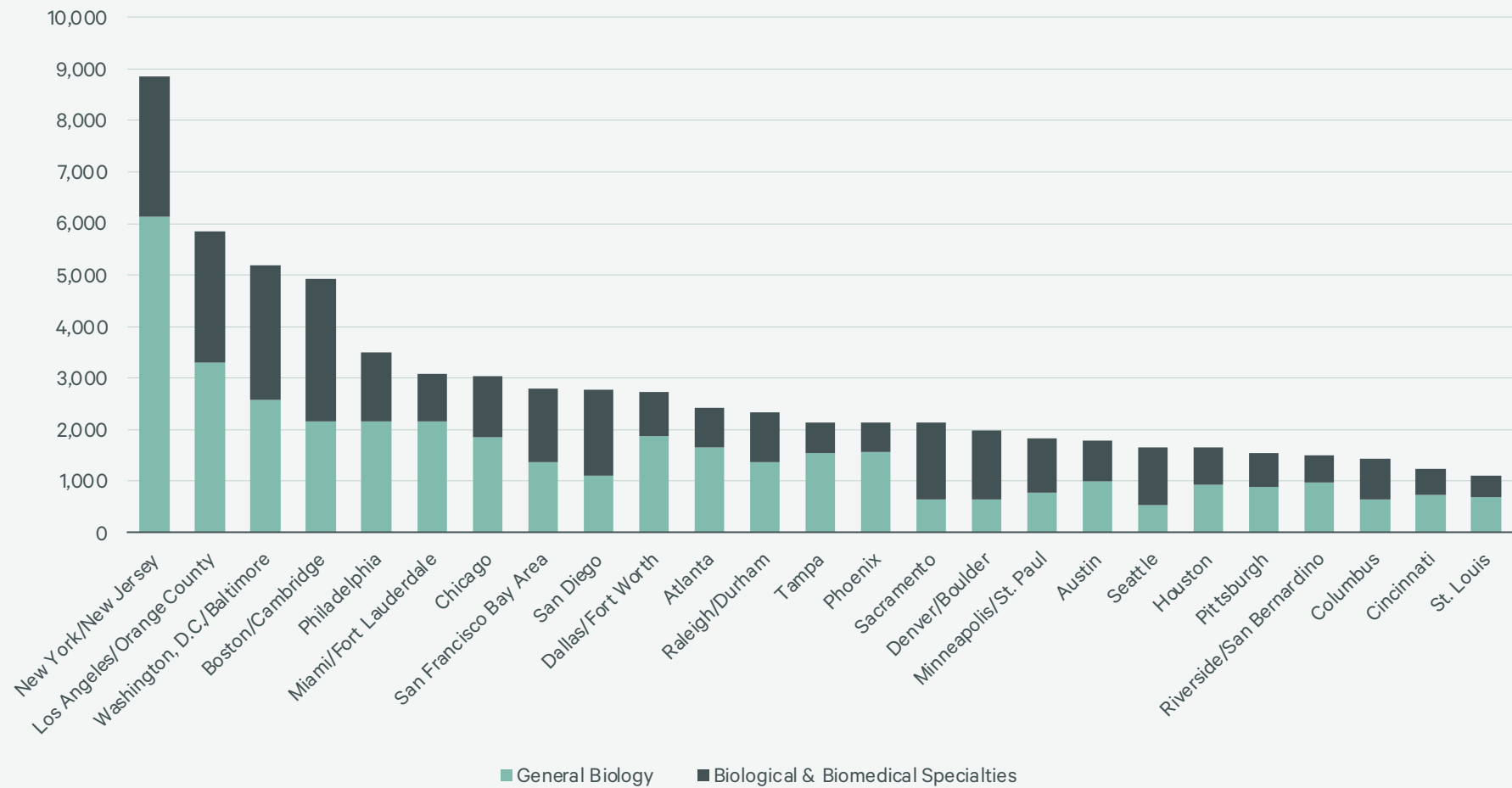
Identifying sources of emerging talent is critical to fueling a growth industry like life sciences.

Figure 10 shows where the most graduates in biological and biomedical sciences are originating, including a breakdown of those with general biology degrees and those with more specialized training, such as genetics, biotechnology and computational biology.

New York/New Jersey produced the most biological and biomedical sciences graduates in 2021 (8,800), followed by Los Angeles/Orange County (5,900), Washington, D.C./Baltimore (5,200) and Boston/Cambridge (4,900). All four leading markets are coastal life sciences hubs with world-renowned research universities.

Miami/Fort Lauderdale and Tampa experienced significant five-year growth in biological and biomedical sciences graduates in 2021. However, the metro with the fastest growth rate of new life sciences graduates was Phoenix, followed by Riverside/San Bernardino and Houston (Figure 11).

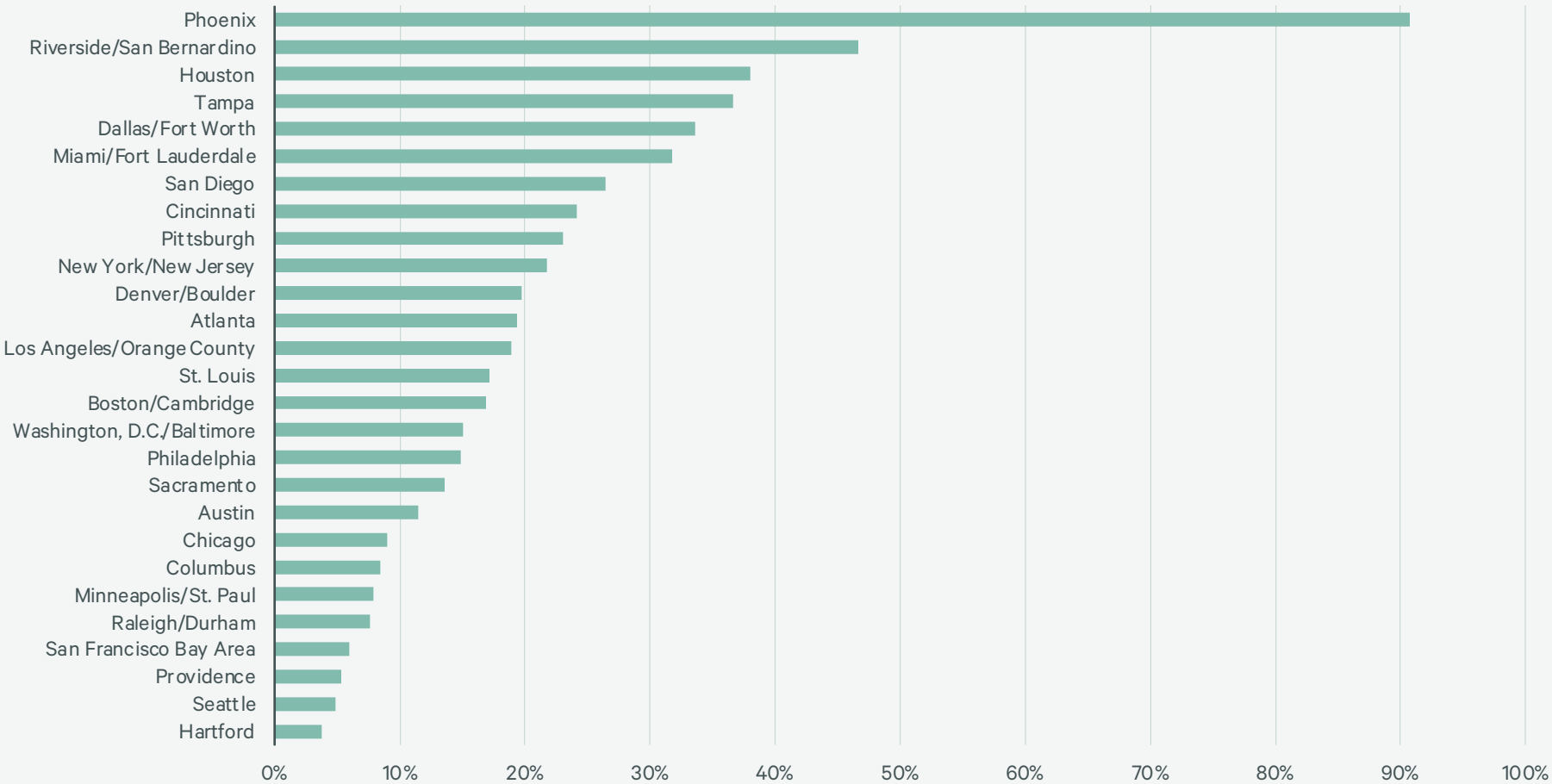
Figure 10: Top 25 Markets Issuing Degrees in Biological & Biomedical Sciences by Subtype, 2021



Source: IPEDs, CBRE Research, Q2 2023.



Figure 11: 2016-2021 Growth of Biological & Biomedical Sciences Degrees Earned by Market



Source: IPEDs, CBRE Research, Q2 2023.

Miami/Fort Lauderdale and Tampa experienced significant five-year growth in biological and biomedical sciences graduates in 2021. However, the metro with the fastest growth rate of new life sciences graduates is Phoenix, followed by Riverside/San Bernardino and Houston.

Figure 12: Top 5 Markets for Number of Specialized Biological & Biomedical Sciences Graduates, 2021

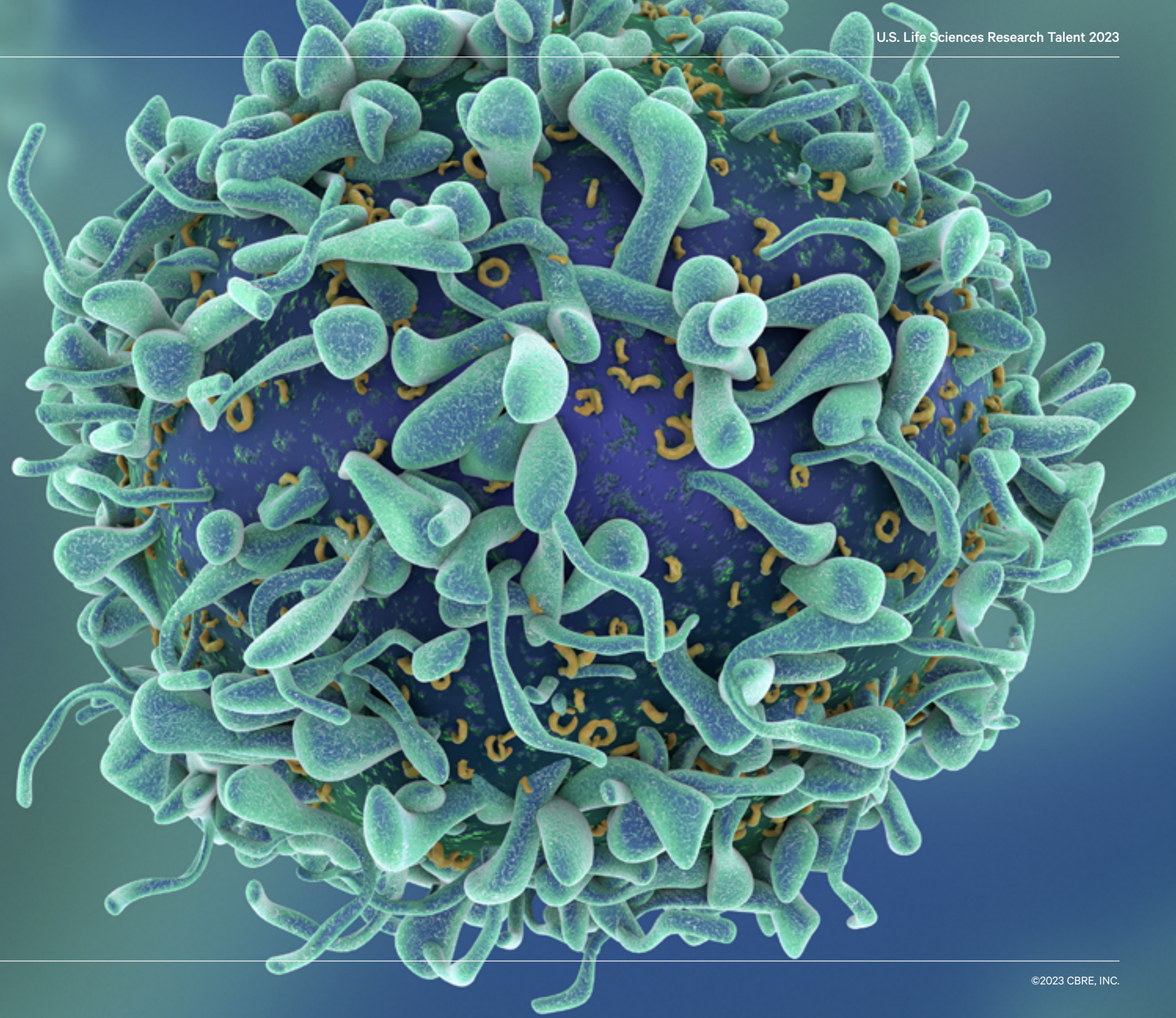
Certain markets tend to produce more graduates with specialized biological and biomedical degrees. For example, Washington, D.C./Baltimore has an outsized number of graduates specializing in biotechnology, the San Francisco Bay Area in cell/cellular biology and anatomical sciences and Los Angeles/Orange County in microbiological sciences and immunology. Among smaller markets, Sacramento has a focus primarily on genetics and, to a lesser extent, microbiological sciences and immunology (Figure 12).

Biochemistry, Biophysics & Molecular Biology	Biomathematics, Bioinformatics & Computational Biology	Biotechnology
Los Angeles/Orange County735	New York/New Jersey296	Washington, D.C./Baltimore582
New York/New Jersey594	Boston/Cambridge259	Boston/Cambridge207
Boston/Cambridge533	Los Angeles/Orange County154	New York/New Jersey142
Washington, D.C./Baltimore480	Washington, D.C./Baltimore149	Los Angeles/Orange County118
San Diego423	Raleigh/Durham145	Houston93
Cell/Cellular Biology & Anatomical Sciences	Microbiological Sciences & Immunology	Genetics
San Francisco Bay Area877	Los Angeles/Orange County256	New York/New Jersey110
San Diego530	Washington, D.C./Baltimore92	Sacramento110
Los Angeles/Orange County334	Seattle88	Raleigh/Durham78
New York/New Jersey254	Sacramento85	Columbus68
Seattle227	San Diego83	Washington, D.C./Baltimore43

Source: IPEDS, CBRE Research 2023.



Washington, D.C./Baltimore has an outsized number of graduates specializing in biotechnology, the San Francisco Bay Area in cell/cellular biology and anatomical sciences and Los Angeles/Orange County in microbiological sciences and immunology.

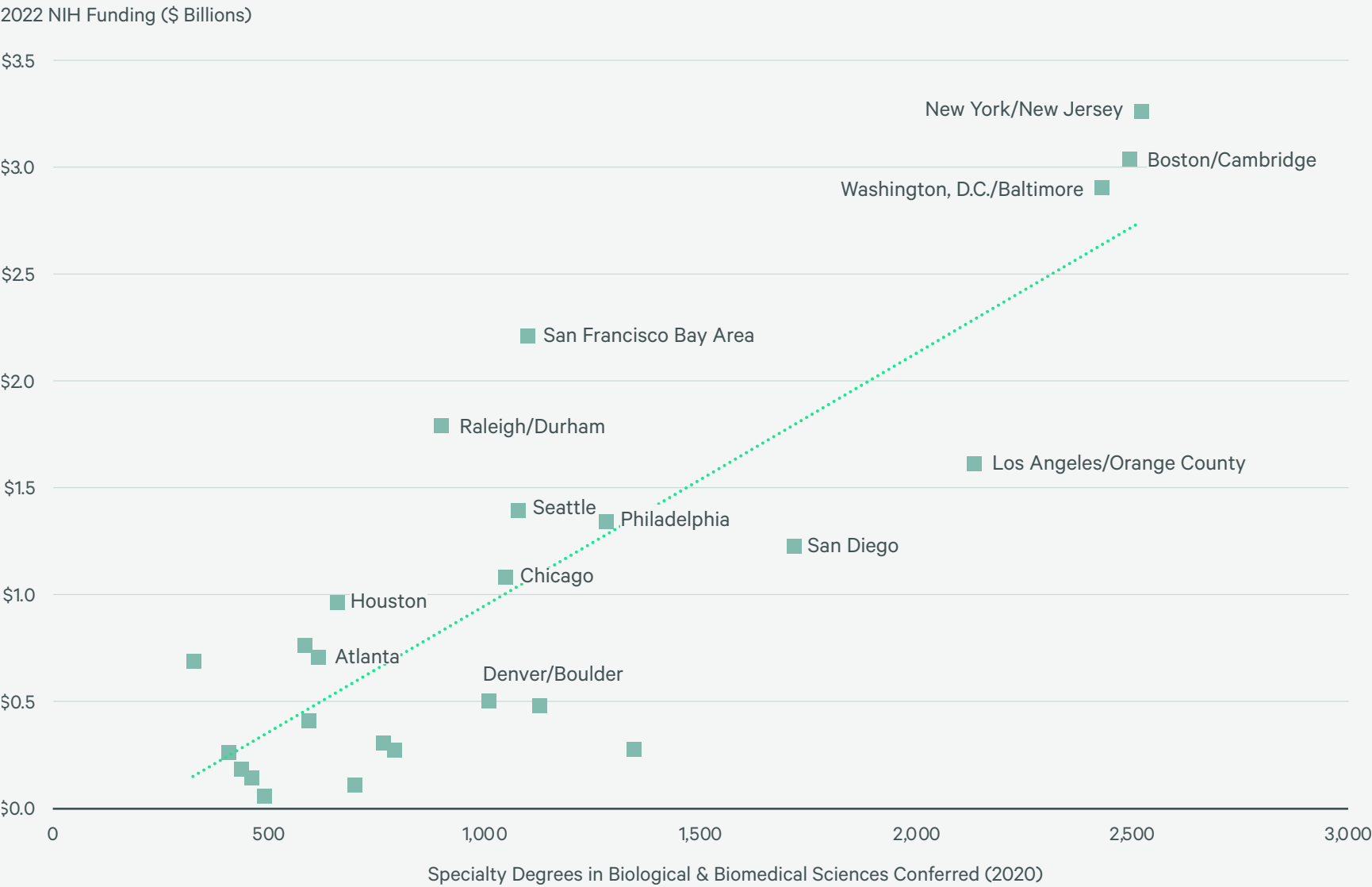






Markets that produce the largest numbers of specialized biological and biomedical sciences research talent generally receive the most National Institutes of Health funding. This funding enhances a market's life sciences research ecosystem and perpetuates its cycle of talent development (Figure 13).

**FIGURE 13:** Specialty Degrees Conferred in Biological & Biomedical Sciences & NIH Funding by Metro



Source: IPEDs, NIH, CBRE Research, Q2 2023.

05

# Life Sciences Research Talent Salary Trends

Salaries for life sciences researchers remain well above most professions' average and are growing faster.

Average salaries in most major U.S. markets for biochemists, biomedical engineers, biophysicists and chemists do not strongly fluctuate, regardless of cost of living differences (Figure 14). It is notable that average salaries exceed the average cost of living by a much wider margin in Southern and Midwestern markets than in major coastal markets (Figure 15). For example, the salary of a biochemist in St. Louis may be more than one might expect considering the lower cost of living.



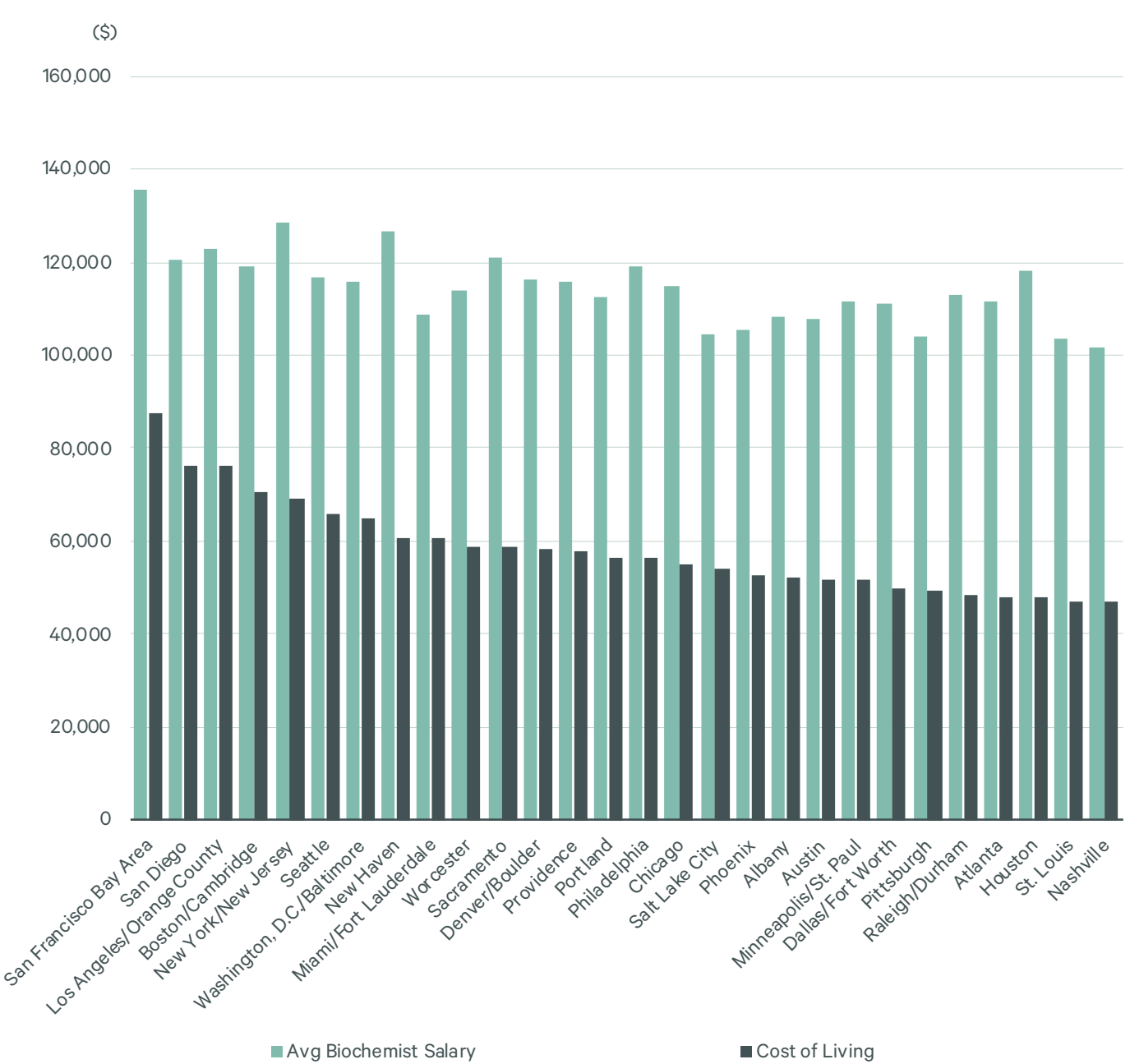


Figure 14: 2021 Average Annual Salaries for Select Life Sciences Research Occupations (\$)

Market (sorted by cost of living)	Biochemists	Biomedical Engineers	Chemists	Biophysicists	Cost Of Living
San Francisco Bay Area	135,435	117,636	135,133	106,660	87,673
San Diego	120,633	105,097	120,363	92,418	76,257
Los Angeles / Orange County	122,918	108,854	122,633	95,377	76,086
Boston / Cambridge	119,034	105,462	118,773	94,228	70,334
New York / New Jersey	128,274	107,532	127,978	98,669	69,246
Seattle	116,589	108,717	116,332	91,968	66,016
Washington, D.C. / Baltimore	115,702	108,705	115,446	100,601	64,765
New Haven	126,586	100,536	126,318	96,683	60,681
Miami/Fort Lauderdale	108,772	94,026	108,514	82,902	60,458
Worcester	113,728	96,957	113,476	88,882	58,768
Sacramento	120,757	107,025	120,491	94,612	58,566
Denver/Boulder	116,202	102,188	115,943	92,518	58,150
Providence	115,665	100,139	115,408	90,591	57,964
Portland	112,599	97,041	112,348	86,886	56,538
Philadelphia	119,102	102,716	118,834	93,263	56,355
Chicago	115,009	98,961	114,758	88,931	55,118
Salt Lake City	104,302	91,283	104,058	81,081	53,804
Phoenix	105,602	93,874	105,359	80,740	52,545
Albany	107,998	99,644	107,766	84,190	52,020
Austin	107,868	100,800	107,610	84,101	51,821
Minneapolis / St. Paul	111,717	100,773	111,469	88,268	51,497
Dallas / Fort Worth	111,043	102,218	110,781	88,397	49,792
Pittsburgh	104,086	92,687	103,846	82,264	49,275
Raleigh / Durham	112,714	98,238	112,447	86,702	48,515
Atlanta	111,328	94,405	111,056	86,113	48,030
Houston	118,018	108,113	117,736	97,887	47,794
St. Louis	103,396	96,007	103,166	82,650	47,137
Nashville	101,579	88,766	101,345	77,465	46,894

Source: Lightcast, CBRE Research, Q2 2023.

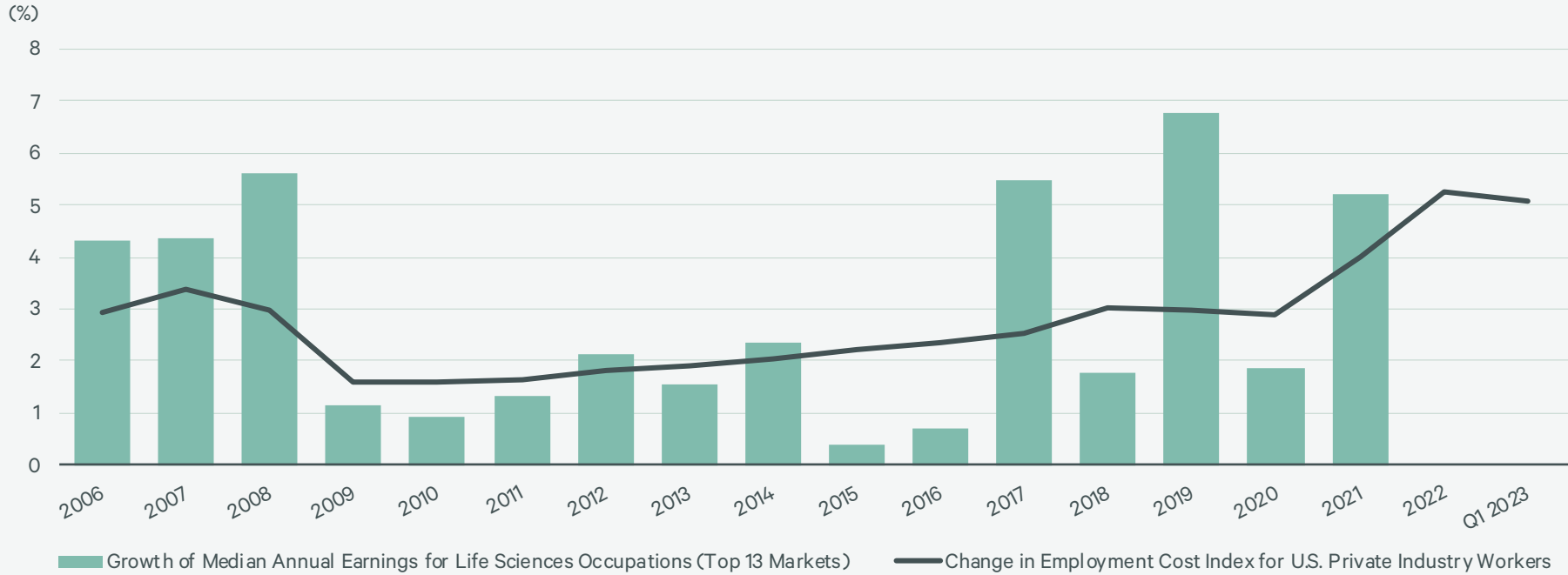
Figure 15: 2021 Average Annual Salaries for Biochemists & Local Cost of Living



Source: Lightcast, CBRE Research, Q2 2023.

The U.S. life sciences labor market is tight, with inflation influencing continued salary and wage growth. The U.S. Employment Cost Index (ECI) for private industry workers reflects rising wage pressures over the past several years, but particularly rapid growth in 2020 and 2021 (Figure 16). It also shows that the annual change in median life sciences researcher salaries in the nation’s top clusters is more volatile but higher than that of other private industry workers. While the life sciences salary dataset lags the national ECI by a year, the two generally trend similarly.

**Figure 16:** Growth of Life Sciences Researcher Earnings vs. Employment Costs for All Private Industry Workers



Source: Lighcast, CBRE Research, Q2 2023.





The U.S. Employment Cost Index for private industry workers shows the annual change in median life sciences researcher salaries in the nation's top clusters is more volatile but higher than other private industry workers.



06

# Demographic Profile of U.S. Life Sciences Research Talent

Millennials (born between 1981 and 1996) comprise the largest cohort of life sciences researchers (Figure 17).

Fifty-eight percent of life sciences researchers are between 25 and 44 years old, compared with 50% for all professional occupations and 44% for the total US workforce.

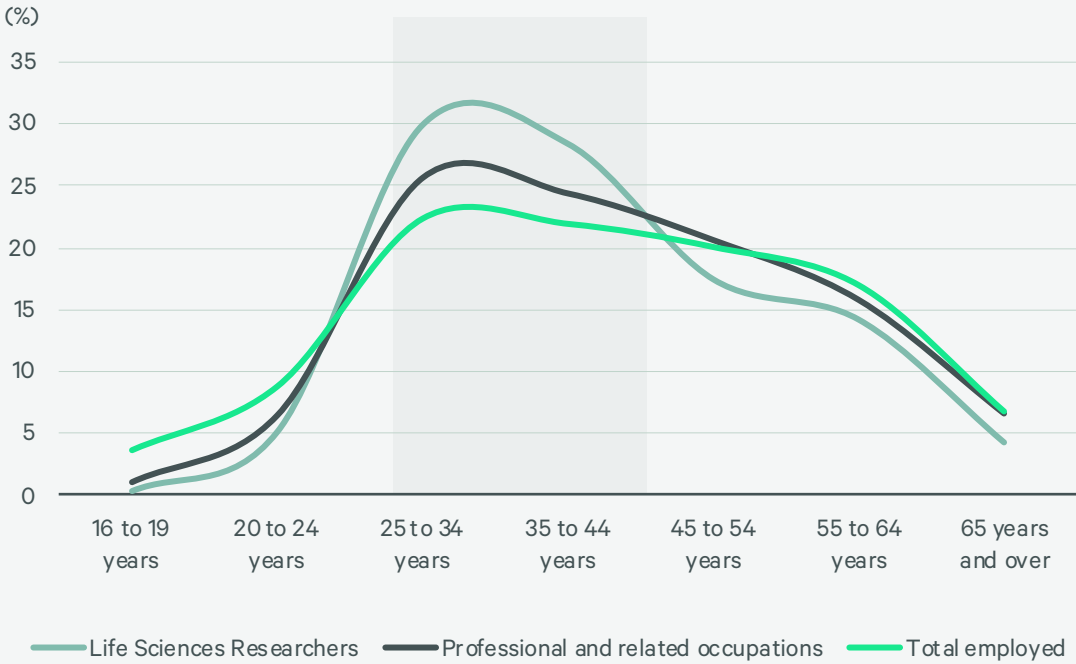
58%

of U.S. life sciences researchers are millennials.

44%

of the total U.S. workforce are millennials.

Figure 17: Composition of Employed Persons by Age & Occupation in the U.S., 2022



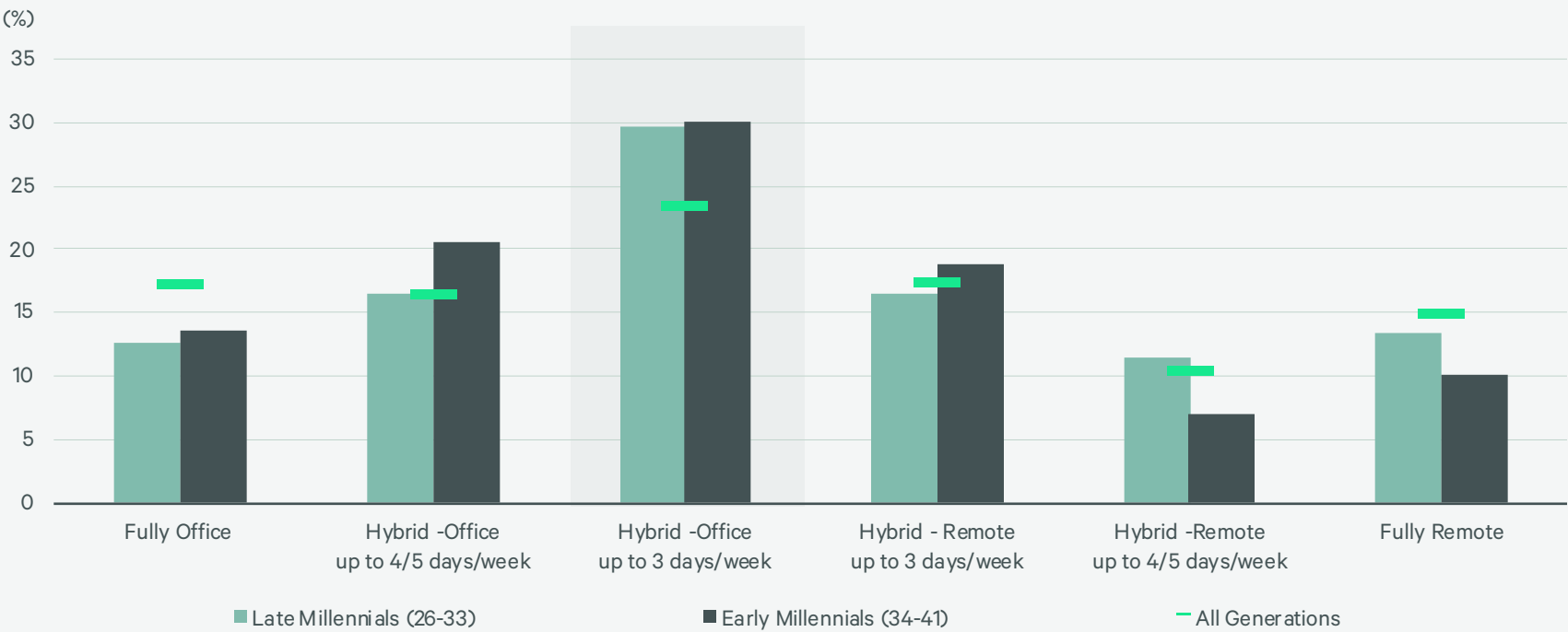
Source: U.S. Bureau of Labor Statistics, Q2 2023.



Millennials strongly prefer hybrid work with up to three days in the office (Figure 18). This data may aid life sciences occupiers’ projections of office space needs, but may be less relevant for employees who spend most of their in-person time in labs.

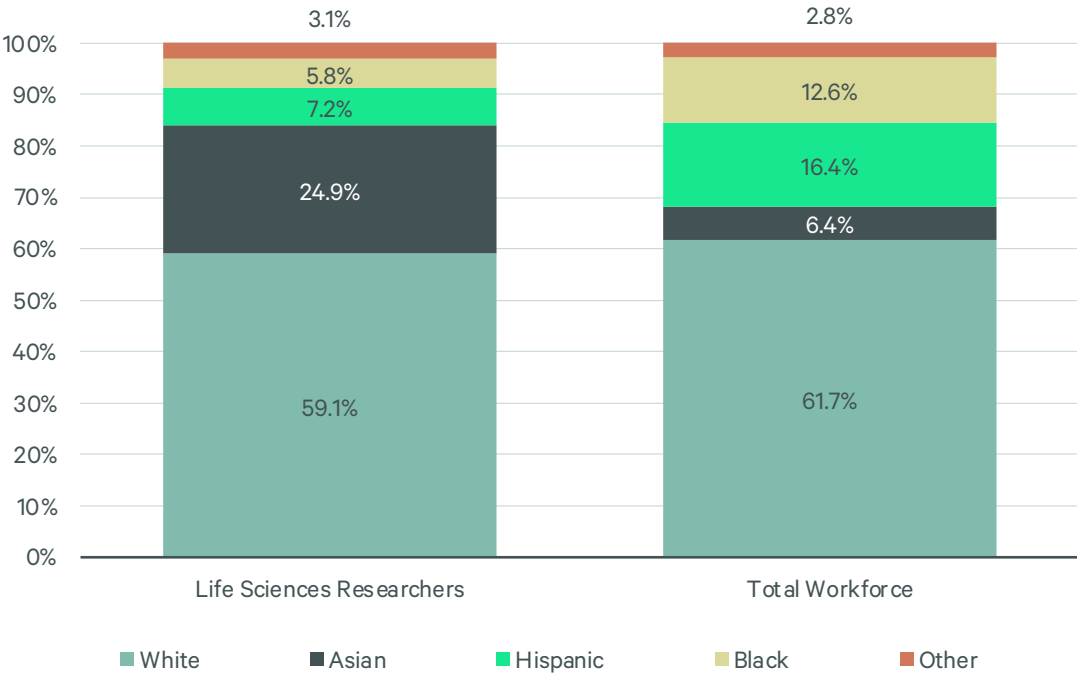
U.S. life sciences researchers tend to be slightly more racially diverse than the overall U.S. workforce, with a much higher Asian population. However, there is significant underrepresentation of Hispanic and Black populations (Figure 19). This data shows further progress is needed for more racial diversity in life sciences laboratories.

Figure 18: Preferred Time Split Between Office & Home by Millennials



Source: CBRE 2022 Global Live-Work-Shop Report, Q4 2022.

Figure 19: Racial Composition of U.S. Life Sciences Researchers vs. Total U.S. Workforce



Source: Lightcast, 2022.



**U.S. life sciences researchers tend to be slightly more racially diverse than the overall U.S. workforce, with a much higher Asian population.**



07

# Top 25 U.S. *Metros* for Life Sciences Research Talent

CBRE Research ranked the top U.S. markets for life sciences research talent in 2023.

This was based on a comprehensive analysis of data, including the total number and per-capita concentration of researchers and annual college graduates with life sciences-related degrees in each market. The top five markets remain in the Northeast Corridor and California. Compared with last year’s [Life Sciences Research Talent 2022](#) report, Philadelphia and Denver/Boulder showed notable improvement, as did Miami/Fort Lauderdale and Atlanta. Smaller hubs, such as Sacramento, Austin, Albany and Pittsburgh, also had strong growth in the number and density of life sciences researchers and graduates with life sciences expertise.

Boston/Cambridge has a high number of life sciences researchers and graduates with life sciences expertise, but its top ranking is largely attributable to its concentration of talent. It has the highest number of bioengineers and biomedical engineers, biochemists and biophysicists, microbiologists, medical scientists and biological technicians. It has the nation’s highest concentration of biochemists and biophysicists, microbiologists and medical scientists.

FIGURE 20: Top 25 U.S. Metros for Life Sciences Research Talent

Rank	Market	Score	Rank	Market	Score
1	Boston/Cambridge	139.6	13	Houston	103.5
2	San Francisco Bay Area	132.1	14	Atlanta	103.3
3	Washington, D.C./Baltimore	129.0	15	Sacramento	102.3
4	New York/New Jersey	126.8	16	Austin	101.8
5	San Diego	118.8	17	Worcester	101.7
6	Philadelphia	114.5	18	Salt Lake City	101.7
7	Raleigh/Durham	114.1	19	Dallas/Fort Worth	101.0
8	Los Angeles/Orange County	112.3	20	Miami/Fort Lauderdale	100.6
9	Seattle	109.8	21	Albany	100.3
10	Denver/Boulder	108.9	22	Portland	100.2
11	Minneapolis/St. Paul	106.7	23	Pittsburgh	100.1
12	Chicago	106.4	24	New Haven	99.6
			25	Nashville	98.5

Source: CBRE Research, Q2 2023.

The San Francisco Bay Area, Washington, D.C./Baltimore and New York/New Jersey also have very large talent pools, along with high talent density. They host the largest number of data scientists, biological and life scientists and chemists. Also, because of their many prestigious research universities, they earned the highest scores for educational talent based on certain criteria.<sup>1</sup>

San Diego and Raleigh/Durham, two relatively small markets in terms of total population, offer compelling opportunities to access life sciences research talent. They have sizable talent pools and very significant densities of researchers, underpinning thriving life sciences ecosystems.

<sup>1</sup> Educational talent scoring is based on a methodology detailed in the “Methodology & Approach” section.







Boston/Cambridge has a high number of life sciences researchers and graduates with life sciences expertise, but its top ranking is largely attributable to its concentration of talent.



08

# Emerging Hubs Showing Promising Activity

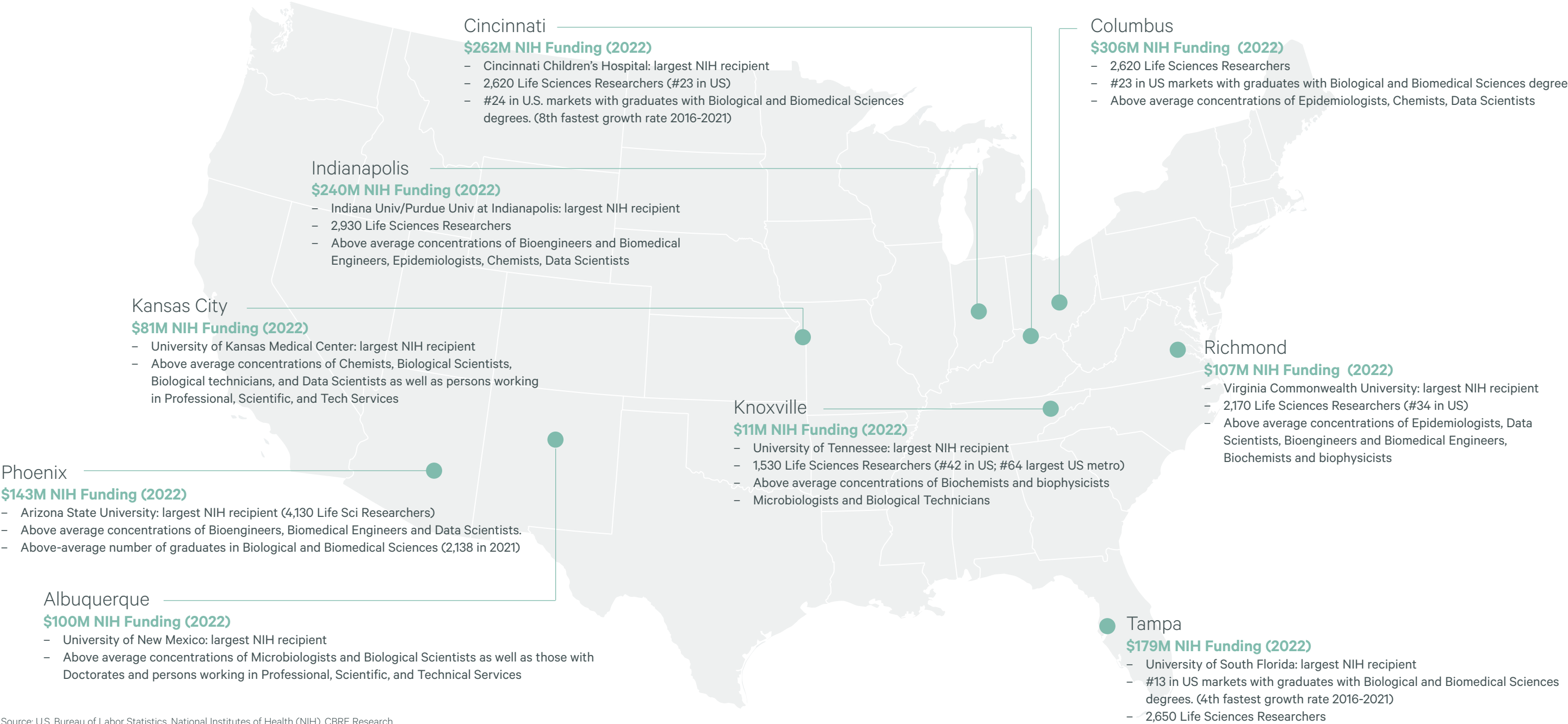
CBRE has identified key emerging life sciences talent clusters, such as Phoenix, Cincinnati, Tampa and Richmond.

They demonstrated attractive NIH funding levels within regional research institutions.





FIGURE 21: Emerging Hubs Showing Promising Activity



Source: U.S. Bureau of Labor Statistics, National Institutes of Health (NIH), CBRE Research.

09

# Methodology & Approach

CBRE's analysis encompassed the largest 74 U.S. life sciences labor markets (generally metros with 750,000+ populations) and evaluated each on various occupational and educational data. We then standardized the data to see how far each metro deviated from the group's average. The standardized scores for each variable were then summed for each metro, for a final score.

The scoring methodology evaluates markets on a combination of talent volume (total number of researchers and graduates with life sciences expertise) and the density of talent that thriving life sciences clusters contain (per capita researchers, graduates, people employed in professional, scientific, and technical services, among others).

We identified the most relevant occupations and new graduates fueling life sciences industry growth. We measured and evaluated the number and density of life sciences researchers and new graduates with life sciences expertise. Many of the relative scores were weighted according to how closely they correlated to data from Boston/Cambridge, San Francisco Bay Area and San Diego. As the premier life sciences hubs, these markets likely reflect the most ideal elements for success as a life sciences cluster.

This logic supported the inclusion of two other datapoints: the concentration of all Ph.D.s in a metro area and the concentration of professional, scientific and technical services industries employment. These two indicators strongly correlate to primary and secondary life sciences researcher markets. They are also generally reflective of success as professional, scientific and technical clusters.



The scoring methodology evaluates markets on a combination of talent volume and the density of talent that thriving life sciences clusters contain.



10

# Market Profiles

# Market Navigation

Click on any link to  
jump to the profile

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# Boston/Cambridge

SCORE  
139.6

WAGES	
	Average Wage
Biochemists	\$119,034
Biomedical Engineers	\$105,462
Biophysicists	\$118,773
Chemists	\$94,228

Source: CBRE Labor Analytics, CBRE Research.

POPULATION & LABOR FORCE	
Labor Force (2022)	2,755,465
% of Laborers in Professional, Scientific & Tech Services	13.6%
% of Laborers in Health care Services	16.1%
5-Year Projected Population Growth	3.1%

Source: CBRE Labor Analytics, CBRE Research.

COST OF LIVING	
Costs of Living (2021)	
Yearly Cost of Living	\$70,334
Median Household Income Value	\$94,470
Median Home Value	\$522,156
Average Apartment Rent/1BR/MO	\$2,208

Source: CBRE Labor Analytics, CBRE EA Q4 2022.

TOP LIFE SCIENCES COLLEGES & UNIVERSITIES				
School	Bachelors	Masters	Doctorate	Total
Boston University	647	497	92	1,236
Harvard University	205	222	187	614
Tufts University	210	226	42	478
Northeastern University	411	35	13	459
University of New Hampshire	350	15	10	375

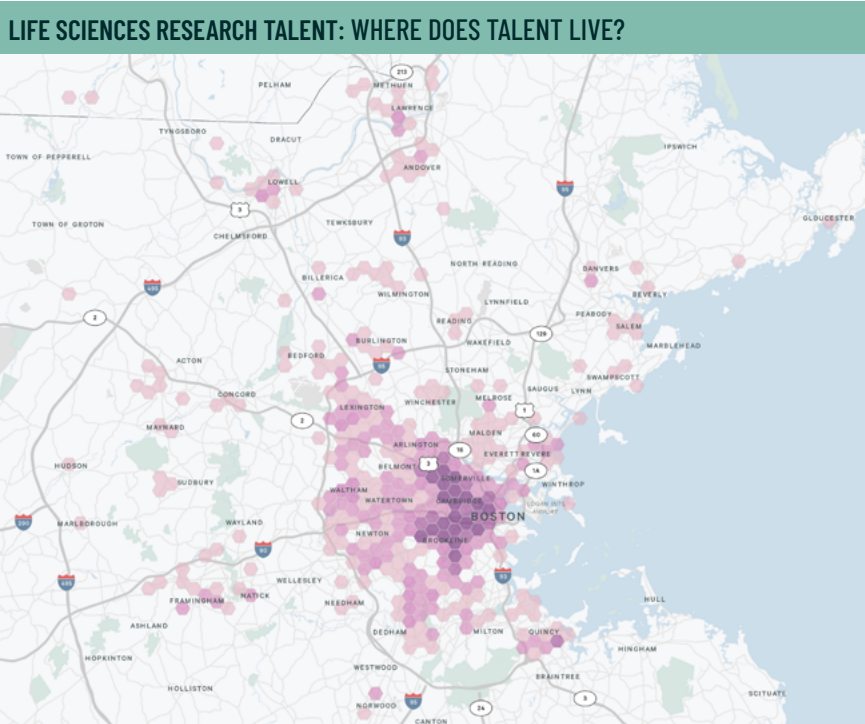
Source: IPEDS, CBRE Research

EMPLOYMENT	
	Employed (2022)
Total Life Sciences Occupations	36,450
Biochemists and biophysicists	7,640
Biological scientists, all other	840
Medical scientists, except epidemiologists	11,800
Bioengineers and Biomedical Engineers	1,500
Chemists	4,160
Microbiologists	2,480
Biological technicians	4,770
Epidemiologists	330
Life scientists, all other	460
Data Scientists & Math Science	2,470

Source: CBRE Labor Analytics, CBRE Research.

TALENT PIPELINE		
Degree Completions (2021)	Total Degrees	% of Top 25 Markets
Biological and Biomedical Sciences	5,475	6.3%
Total Bachelor, Masters, Doctorate degrees (all subjects)	86,605	
Degree Completions in the Biological and Biomedical Sciences	Total Degrees	% of Total Degrees
Bachelor's Degree	3,740	68%
Master's Degree	1270	23%
Doctorate	465	8%

Source: IPEDS, CBRE Research



Source: CBRE Location Intelligence.



02

San Francisco Bay Area

SCORE  
132.1

WAGES	
Average Wage	
Biochemists	\$135,435
Biomedical Engineers	\$117,636
Biophysicists	\$135,133
Chemists	\$106,660

Source: CBRE Labor Analytics, CBRE Research.

POPULATION & LABOR FORCE	
Labor Force (2022)	3,657,380
% of Laborers in Professional, Scientific & Tech Services	18.1%
% of Laborers in Health care Services	12.6%
5-Year Projected Population Growth	
San Francisco	3.1%
San Jose	3.4%

Source: CBRE Labor Analytics, CBRE Research.

EMPLOYMENT	
Employed (2022)	
Total Life Sciences Occupations	32,490
Biochemists and biophysicists	3,760
Biological scientists, all other	5,540
Medical scientists, except epidemiologists	6,000
Bioengineers and Biomedical Engineers	1,120
Chemists	2,970
Microbiologists	1,040
Biological technicians	3,050
Epidemiologists	160
Life scientists, all other	-
Data Scientists & Math Science	8,850

Source: CBRE Labor Analytics, CBRE Research.

TALENT PIPELINE		
Degree Completions (2021)	Total Degrees	% of Top 25 Markets
Biological and Biomedical Sciences	3,205	5.6%
Total Bachelor, Masters, Doctorate degrees (all subjects)	57,417	
Degree Completions in the Biological and Biomedical Sciences	Total Degrees	% of Total Degrees
Bachelor's Degree	2,434	76%
Master's Degree	391	12%
Doctorate	380	12%

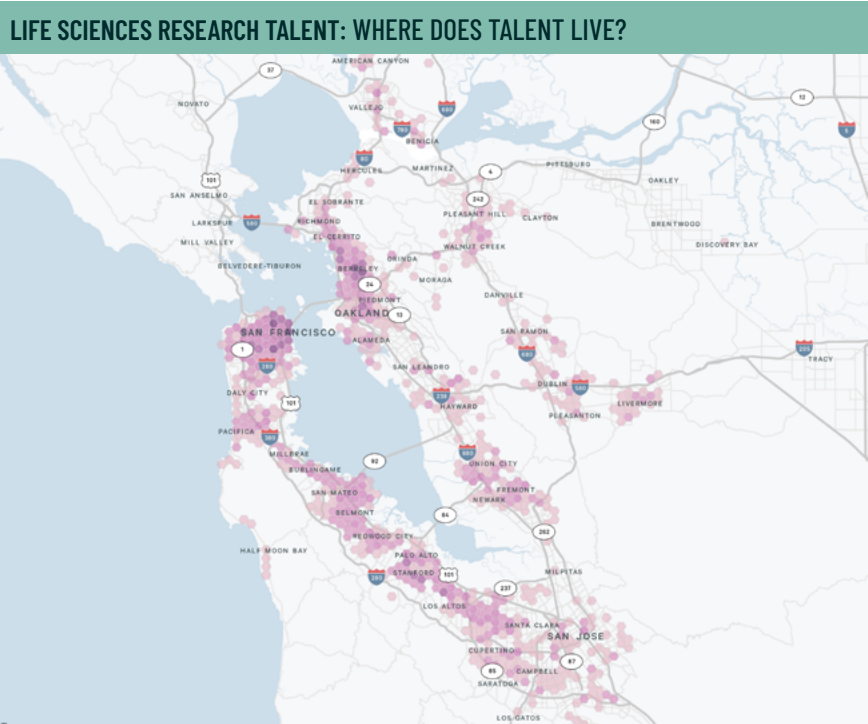
Source: CBRE Labor Analytics, CBRE Research.

COST OF LIVING	
Costs of Living (2021)	
Yearly Cost of Living	\$87,673
San Francisco	\$87,902
San Jose	\$87,138
Median Household Income Value	\$117,594
San Francisco	\$112,551
San Jose	\$129,355
Median Home Value	\$1,002,079
San Francisco	\$952,197
San Jose	\$1,118,403
Average Apartment Rent/1BR/MO	
San Francisco	\$2,837
San Jose	\$2,503

Source: CBRE Labor Analytics, CBRE EA Q4 2022

TOP LIFE SCIENCES COLLEGES & UNIVERSITIES				
School	Bachelors	Masters	Doctorate	Total
University of California - Berkeley	1220	64	92	1,236
San Francisco State University	406	54	187	614
Stanford University	85	97	42	478
San Jose State University	239	74	13	459
Santa Clara University	145	12	10	375

Source: IPEDS, CBRE Research



Source: CBRE Location Intelligence.

03

Washington, D.C./Baltimore

SCORE  
129.0

WAGES	
	Average Wage
Biochemists	\$115,702
Biomedical Engineers	\$108,705
Biophysicists	\$115,446
Chemists	\$100,601

Source: CBRE Labor Analytics, CBRE Research.

POPULATION & LABOR FORCE	
Labor Force (2022)	5,029,911
% of Laborers in Professional, Scientific & Tech Services	16.7%
% of Laborers in Health care Services	12.1%
5-Year Projected Population Growth	
Washington, D.C.	4.9%
Baltimore	1.8%

Source: CBRE Labor Analytics, CBRE Research.

EMPLOYMENT	
	Employed (2022)
Total Life Sciences Occupations	30,240
Biochemists and biophysicists	140
Biological scientists, all other	5,610
Medical scientists, except epidemiologists	6,620
Bioengineers and Biomedical Engineers	830
Chemists	3,580
Microbiologists	2,160
Biological technicians	4,470
Epidemiologists	380
Life scientists, all other	660
Data Scientists & Math Science	5,790

Source: CBRE Labor Analytics, CBRE Research.

COST OF LIVING	
Costs of Living (2021)	
Yearly Cost of Living	\$64,765
Washington, D.C.	\$66,785
Baltimore	\$60,022
Median Household Income Value	\$99,142
Washington, D.C.	\$106,165
Baltimore	\$82,647
Median Home Value	\$426,472
Washington, D.C.	\$463,119
Baltimore	\$340,397
Average Apartment Rent/1BR/MO	
Washington, D.C.	\$1,733
Baltimore	\$1,408

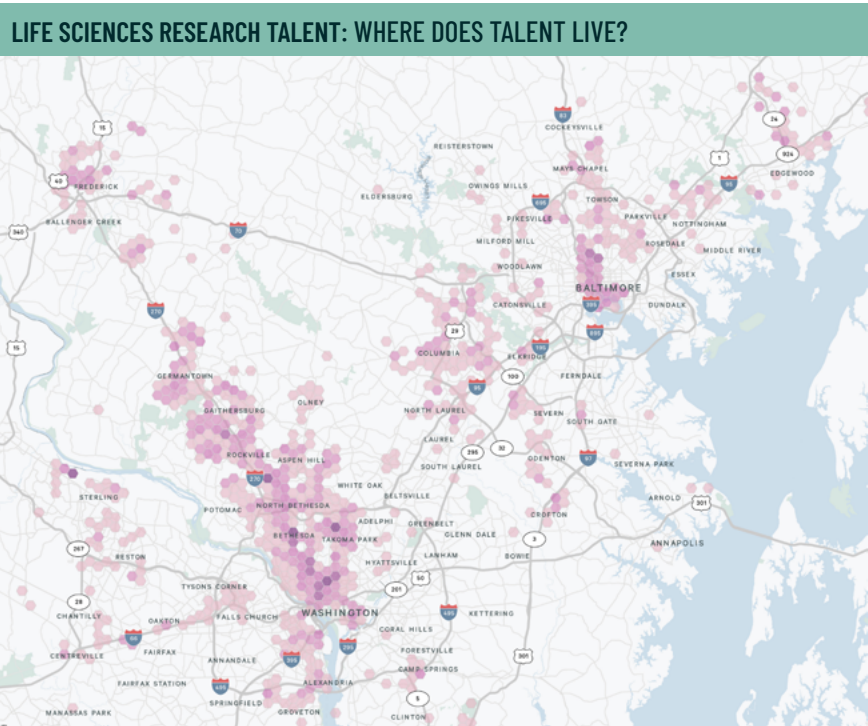
Source: CBRE Labor Analytics, CBRE EA Q4 2022

TALENT PIPELINE		
Degree Completions (2021)	Total Degrees	% of Top 25 Markets
Biological and Biomedical Sciences	5,645	5.2%
Total Bachelor, Masters, Doctorate degrees (all subjects)	107,591	
Degree Completions in the Biological and Biomedical Sciences	Total Degrees	% of Total Degrees
Bachelor's Degree	3,514	62%
Master's Degree	1,765	31%
Doctorate	366	6%

Source: CBRE Labor Analytics, CBRE Research.

TOP LIFE SCIENCES COLLEGES & UNIVERSITIES				
School	Bachelors	Masters	Doctorate	Total
Johns Hopkins University	461	749	165	1375
University of Maryland - College Park	670	21	46	737
Georgetown University	99	452	34	585
George Mason University	423	74	21	518
George Washington University	243	195	24	462

Source: IPEDS, CBRE Research



Source: CBRE Location Intelligence.

04

New York/New Jersey

SCORE  
126.8

WAGES		POPULATION & LABOR FORCE		COST OF LIVING	
Average Wage		Labor Force (2022)		Costs of Living (2021)	
Biochemists	\$128,274	% of Laborers in Professional, Scientific & Tech Services	10.9%	Yearly Cost of Living	\$69,246
Biomedical Engineers	\$107,532	% of Laborers in Health care Services	16.8%	Median Household Income Value	\$83,225
Biophysicists	\$127,978	5-Year Projected Population Growth	1.2%	Median Home Value	\$517,738
Chemists	\$98,669	Source: CBRE Labor Analytics, CBRE Research.		Average Apartment Rent/1BR/MO	
				New York	\$2,857
				Newark	\$1,732

Source: CBRE Labor Analytics, CBRE Research.

Source: CBRE Labor Analytics, CBRE EA Q4 2022

EMPLOYMENT	
Employed (2022)	
Total Life Sciences Occupations	38,700
Biochemists and biophysicists	3,100
Biological scientists, all other	1,810
Medical scientists, except epidemiologists	9,240
Bioengineers and Biomedical Engineers	720
Chemists	7,820
Microbiologists	1,560
Biological technicians	3,270
Epidemiologists	210
Life scientists, all other	570
Data Scientists & Math Science	10,400

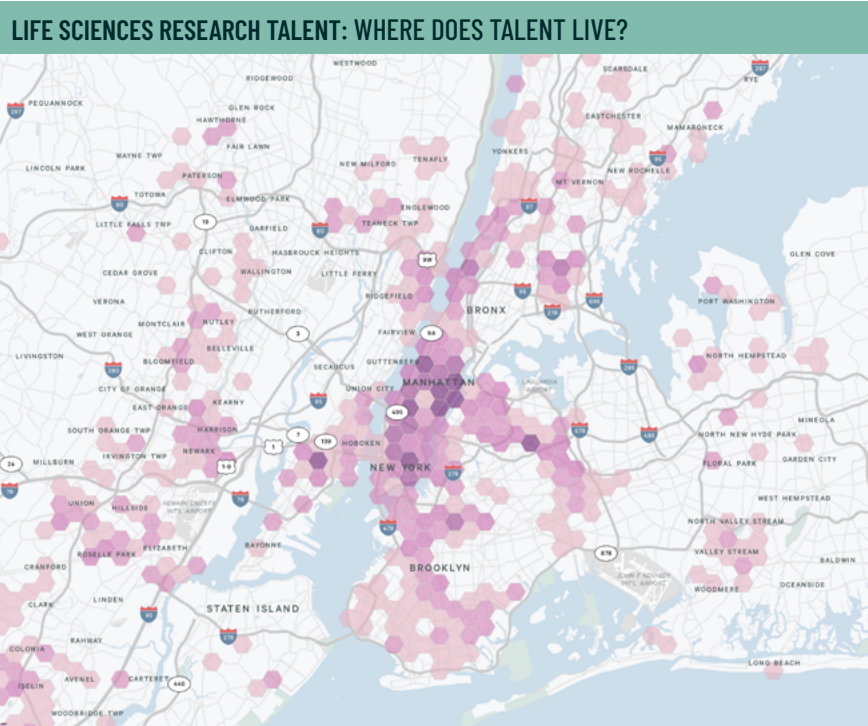
Source: CBRE Labor Analytics, CBRE Research.

TALENT PIPELINE		
Degree Completions (2021)	Total Degrees	% of Top 25 Markets
Biological and Biomedical Sciences	9,497	5.0%
Total Bachelor, Masters, Doctorate degrees (all subjects)	191,153	
Degree Completions in the Biological and Biomedical Sciences	Total Degrees	% of Total Degrees
Bachelor's Degree	6,816	72%
Master's Degree	2,165	23%
Doctorate	516	5%

Source: CBRE Labor Analytics, CBRE Research.

TOP LIFE SCIENCES COLLEGES & UNIVERSITIES				
School	Bachelors	Masters	Doctorate	Total
Rutgers University	1,121	351	63	1,535
Stony Brook University	723	103	41	867
New York University	242	484	74	800
Columbia University in the City of New York	186	479	109	774
CUNY City College	315	41	2	358

Source: IPEDS, CBRE Research



Source: CBRE Location Intelligence.



05 San Diego

SCORE  
118.8

WAGES	
	Average Wage
Biochemists	\$120,633
Biomedical Engineers	\$105,097
Biophysicists	\$120,363
Chemists	\$92,418

Source: CBRE Labor Analytics, CBRE Research.

POPULATION & LABOR FORCE	
Labor Force (2022)	1,712,551
% of Laborers in Professional, Scientific & Tech Services	12.6%
% of Laborers in Health care Services	13.1%
5-Year Projected Population Growth	2.7%

Source: CBRE Labor Analytics, CBRE Research.

COST OF LIVING	
Costs of Living (2021)	
Yearly Cost of Living	\$76,257
Median Household Income Value	\$84,986
Median Home Value	\$663,193
Average Apartment Rent/1BR/MO	\$2,155

Source: CBRE Labor Analytics, CBRE EA Q4 2022

TOP LIFE SCIENCES COLLEGES & UNIVERSITIES				
School	Bachelors	Masters	Doctorate	Total
University of California - San Diego	1,703	331	130	2,164
San Diego State University	317	49	8	374
California State University - San Marcos	256	34	-	290
University of San Diego	178	1	-	179
Point Loma Nazarene University	71	8	-	79

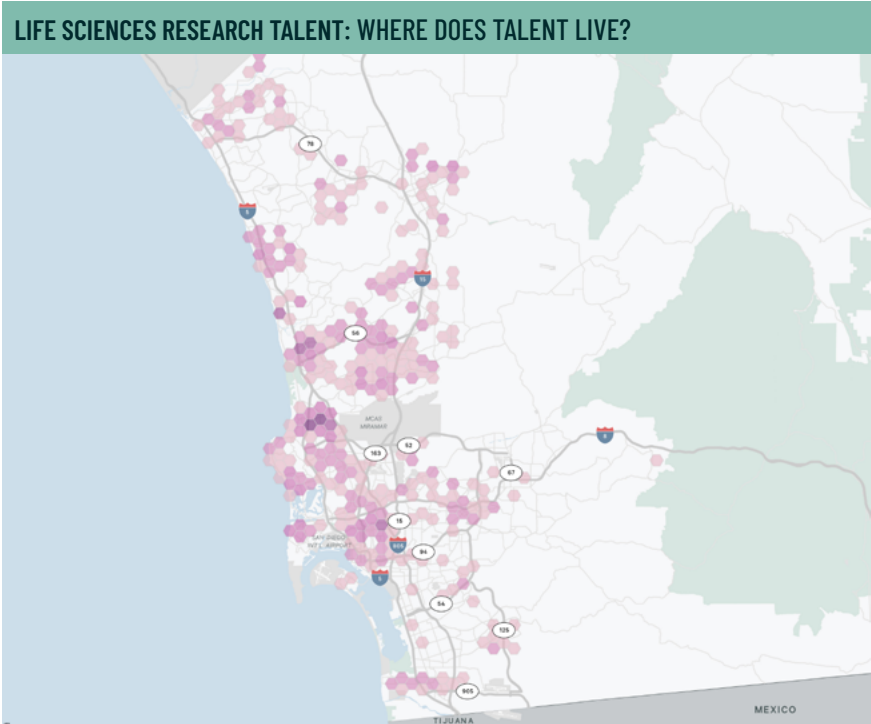
Source: IPEDS, CBRE Research

EMPLOYMENT	
	Employed (2022)
Total Life Sciences Occupations	14,660
Biochemists and biophysicists	2,230
Biological scientists, all other	3,610
Medical scientists, except epidemiologists	3,110
Bioengineers and Biomedical Engineers	470
Chemists	1,310
Microbiologists	400
Biological technicians	1,790
Epidemiologists	-
Life scientists, all other	220
Data Scientists & Math Science	1,520

Source: CBRE Labor Analytics, CBRE Research.

TALENT PIPELINE		
Degree Completions (2021)	Total Degrees	% of Top 25 Markets
Biological and Biomedical Sciences	3,103	6.0%
Total Bachelor, Masters, Doctorate degrees (all subjects)	51,376	
Degree Completions in the Biological and Biomedical Sciences		
	Total Degrees	% of Total Degrees
Bachelor's Degree	2,537	82%
Master's Degree	423	14%
Doctorate	143	5%

Source: CBRE Labor Analytics, CBRE Research.



Source: CBRE Location Intelligence.

06 Philadelphia

SCORE  
114.5

WAGES		POPULATION & LABOR FORCE	
Average Wage		Labor Force (2022)	
Biochemists	\$119,102	% of Laborers in Professional, Scientific & Tech Services	10.0%
Biomedical Engineers	\$102,716	% of Laborers in Health care Services	17.7%
Biophysicists	\$118,834	5-Year Projected Population Growth	
Chemists	\$93,263		

Source: CBRE Labor Analytics, CBRE Research.

COST OF LIVING	
Costs of Living (2021)	
Yearly Cost of Living	\$56,355
Median Household Income Value	\$74,817
Median Home Value	\$280,529
Average Apartment Rent/1BR/MO	\$1,479

Source: CBRE Labor Analytics, CBRE EA Q4 2022

TOP LIFE SCIENCES COLLEGES & UNIVERSITIES				
School	Bachelors	Masters	Doctorate	Total
University of Pennsylvania	337	146	44	991
Temple University	452	67	123	975
University of Delaware	383	108	105	708
Drexel University	219	261	1	58
Rowan University	394	8	-	48

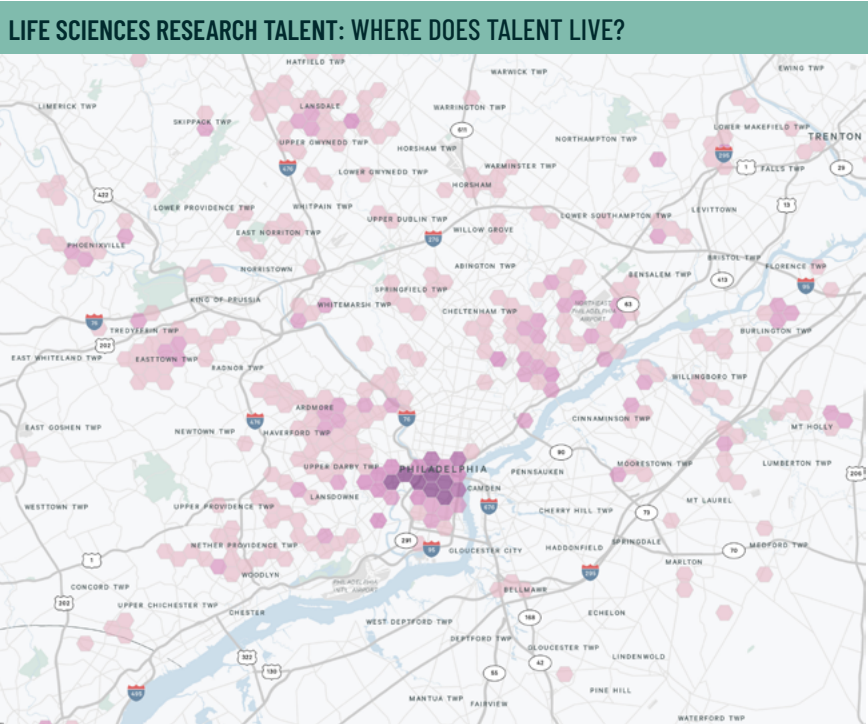
Source: IPEDS, CBRE Research

EMPLOYMENT	
Employed (2022)	
Total Life Sciences Occupations	19,520
Biochemists and biophysicists	2,440
Biological scientists, all other	1,170
Medical scientists, except epidemiologists	4,410
Bioengineers and Biomedical Engineers	220
Chemists	4,130
Microbiologists	520
Biological technicians	4,250
Epidemiologists	70
Life scientists, all other	-
Data Scientists & Math Science	2,310

Source: CBRE Labor Analytics, CBRE Research.

TALENT PIPELINE		
Degree Completions (2021)	Total Degrees	% of Top 25 Markets
Biological and Biomedical Sciences	3,951	5.9%
Total Bachelor, Masters, Doctorate degrees (all subjects)	67,182	
Degree Completions in the Biological and Biomedical Sciences		
	Total Degrees	% of Total Degrees
Bachelor's Degree	2,947	75%
Master's Degree	736	19%
Doctorate	268	7%

Source: CBRE Labor Analytics, CBRE Research.



Source: CBRE Location Intelligence.

07

Raleigh/Durham

SCORE  
114.1

WAGES	
Average Wage	
Biochemists	\$112,714
Biomedical Engineers	\$98,238
Biophysicists	\$112,447
Chemists	\$86,702

Source: CBRE Labor Analytics, CBRE Research.

POPULATION & LABOR FORCE	
Labor Force (2022)	1,097,179
% of Laborers in Professional, Scientific & Tech Services	13.8%
% of Laborers in Health care Services	14.0%
5-Year Projected Population Growth	
Raleigh	6.6%
Durham	5.3%

Source: CBRE Labor Analytics, CBRE Research.

EMPLOYMENT	
Employed (2022)	
Total Life Sciences Occupations	8,230
Biochemists and biophysicists	400
Biological scientists, all other	660
Medical scientists, except epidemiologists	2,140
Bioengineers and Biomedical Engineers	410
Chemists	2,190
Microbiologists	360
Biological technicians	980
Epidemiologists	50
Life scientists, all other	220
Data Scientists & Math Science	820

Source: CBRE Labor Analytics, CBRE Research.

TALENT PIPELINE		
Degree Completions (2021)	Total Degrees	% of Top 25 Markets
Biological and Biomedical Sciences	2,813	10.0%
Total Bachelor, Masters, Doctorate degrees (all subjects)	27,992	
Degree Completions in the Biological and Biomedical Sciences	Total Degrees	% of Total Degrees
Bachelor's Degree	2,087	74%
Master's Degree	453	16%
Doctorate	273	10%

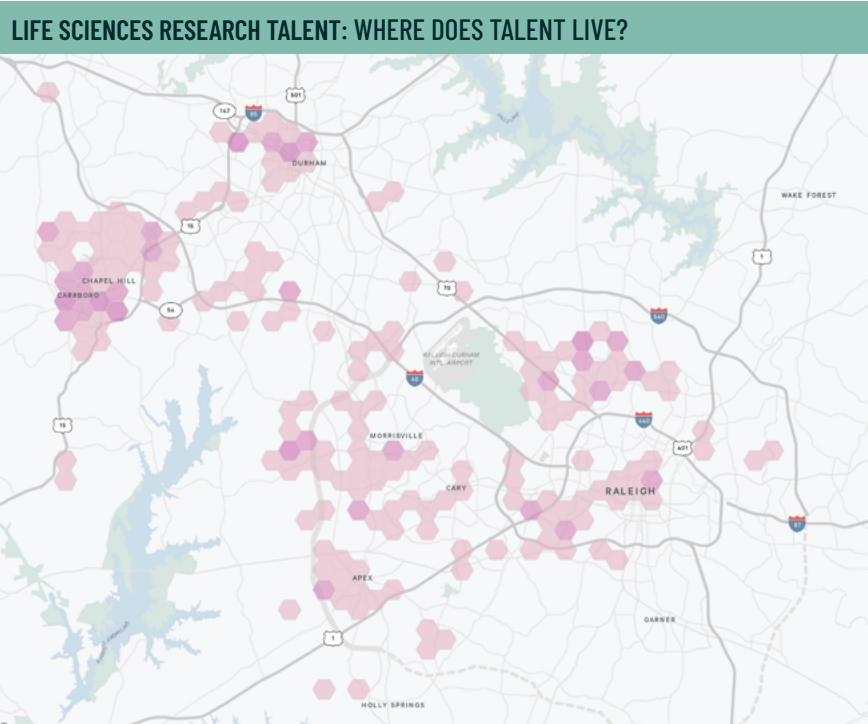
Source: CBRE Labor Analytics, CBRE Research.

COST OF LIVING	
Costs of Living (2021)	
Yearly Cost of Living	\$48,515
Raleigh	\$49,103
Durham	\$47,230
Median Household Income Value	\$74,821
Raleigh	\$79,223
Durham	\$65,195
Median Home Value	\$286,741
Raleigh	\$290,980
Durham	\$277,472
Average Apartment Rent/1BR/MO	\$1,300

Source: CBRE Labor Analytics, CBRE EA Q4 2022

TOP LIFE SCIENCES COLLEGES & UNIVERSITIES				
School	Bachelors	Masters	Doctorate	Total
North Carolina State University at Raleigh	777	170	44	991
University of North Carolina at Chapel Hill	800	52	123	975
Duke University	382	221	105	708
North Carolina Central University	47	10	1	58
Meredith College	48	-	-	48

Source: IPEDS, CBRE Research



Source: CBRE Location Intelligence.



08

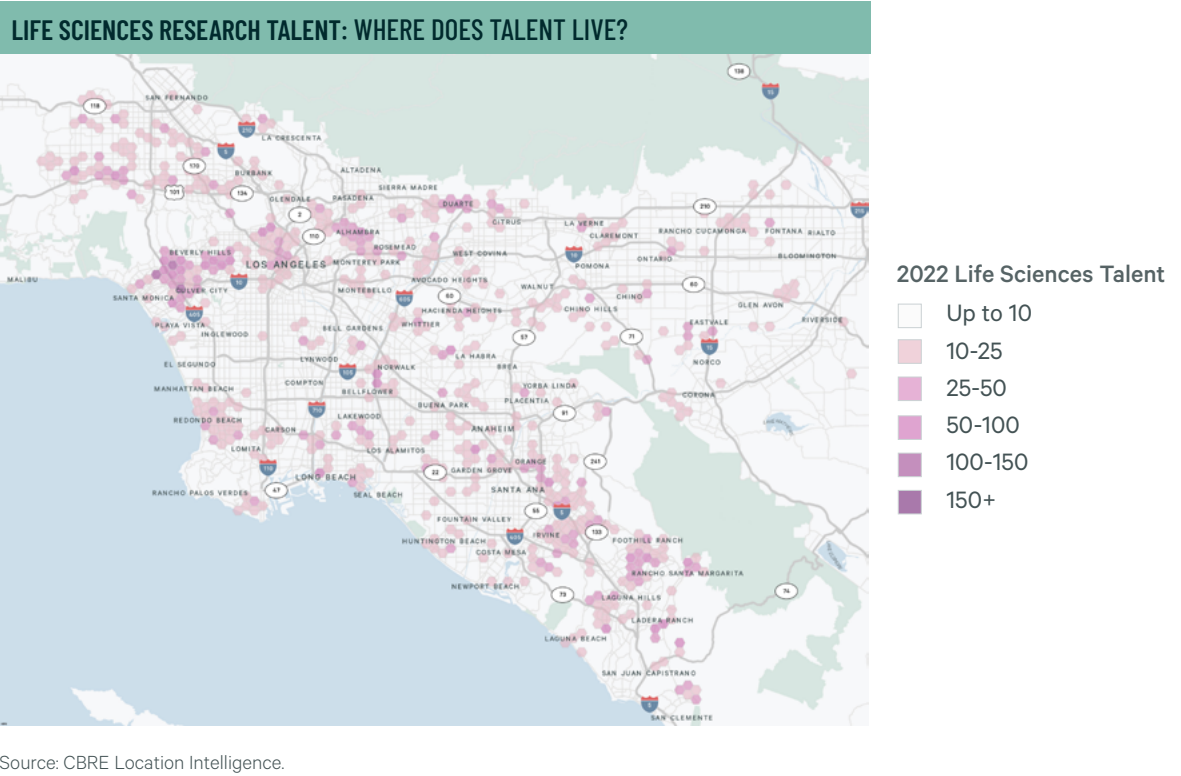
Los Angeles/Orange County

SCORE  
112.3

WAGES		POPULATION & LABOR FORCE		COST OF LIVING	
Average Wage		Labor Force (2022)		Costs of Living (2021)	
Biochemists	\$122,918	% of Laborers in Professional, Scientific & Tech Services	10.1%	Yearly Cost of Living	\$76,086
Biomedical Engineers	\$108,854	% of Laborers in Health care Services	13.1%	Median Household Income Value	\$78,889
Biophysicists	\$122,633	5-Year Projected Population Growth	1.5%	Median Home Value	\$709,275
Chemists	\$95,377	Source: CBRE Labor Analytics, CBRE Research.		Average Apartment Rent/1BR/MO	
Source: CBRE Labor Analytics, CBRE Research.				Los Angeles	\$2,322
				Orange County	\$2,249
				Source: CBRE Labor Analytics, CBRE EA Q4 2022	

TOP LIFE SCIENCES COLLEGES & UNIVERSITIES				
School	Bachelors	Masters	Doctorate	Total
University of California - Los Angeles	1,698	98	108	1,904
University of California - Irvine	1,032	103	68	1,203
University of Southern California	309	198	64	571
California State University - Long Beach	418	21	-	439
California State Polytechnic University - Pomona	335	27	-	362
Source: IPEDS, CBRE Research				

EMPLOYMENT		TALENT PIPELINE		
Employed (2022)		Degree Completions (2021)	Total Degrees	% of Top 25 Markets
Total Life Sciences Occupations	17,190	Biological and Biomedical Sciences	6,402	4.9%
Biochemists and biophysicists	780	Total Bachelor, Masters, Doctorate degrees (all subjects)	131,246	
Biological scientists, all other	1,910	Degree Completions in the Biological and Biomedical Sciences	Total Degrees	% of Total Degrees
Medical scientists, except epidemiologists	4,700	Bachelor's Degree	5,479	86%
Bioengineers and Biomedical Engineers	740	Master's Degree	630	10%
Chemists	2,880	Doctorate	293	5%
Microbiologists	600	Source: CBRE Labor Analytics, CBRE Research.		
Biological technicians	1,290			
Epidemiologists	220			
Life scientists, all other	240			
Data Scientists & Math Science	3,830			
Source: CBRE Labor Analytics, CBRE Research.				



# 09 Seattle

SCORE  
109.8

WAGES	
	Average Wage
Biochemists	\$116,589
Biomedical Engineers	\$108,717
Biophysicists	\$116,332
Chemists	\$91,968

Source: CBRE Labor Analytics, CBRE Research.

POPULATION & LABOR FORCE	
Labor Force (2022)	2,227,470
% of Laborers in Professional, Scientific & Tech Services	13.9%
% of Laborers in Health care Services	13.2%
5-Year Projected Population Growth	6.8%

Source: CBRE Labor Analytics, CBRE Research.

COST OF LIVING	
Costs of Living (2021)	
Yearly Cost of Living	\$66,016
Median Household Income Value	\$92,987
Median Home Value	\$532,737
Average Apartment Rent/1BR/MO	\$1,777

Source: CBRE Labor Analytics, CBRE EA Q4 2022

TOP LIFE SCIENCES COLLEGES & UNIVERSITIES				
School	Bachelors	Masters	Doctorate	Total
University of Washington - Seattle Campus	1,048	119	116	1,283
University of Washington - Bothell Campus	146	-	-	146
University of Washington - Tacoma Campus	87	-	-	87
Seattle University	75	-	-	75
Seattle Pacific University	59	-	-	59

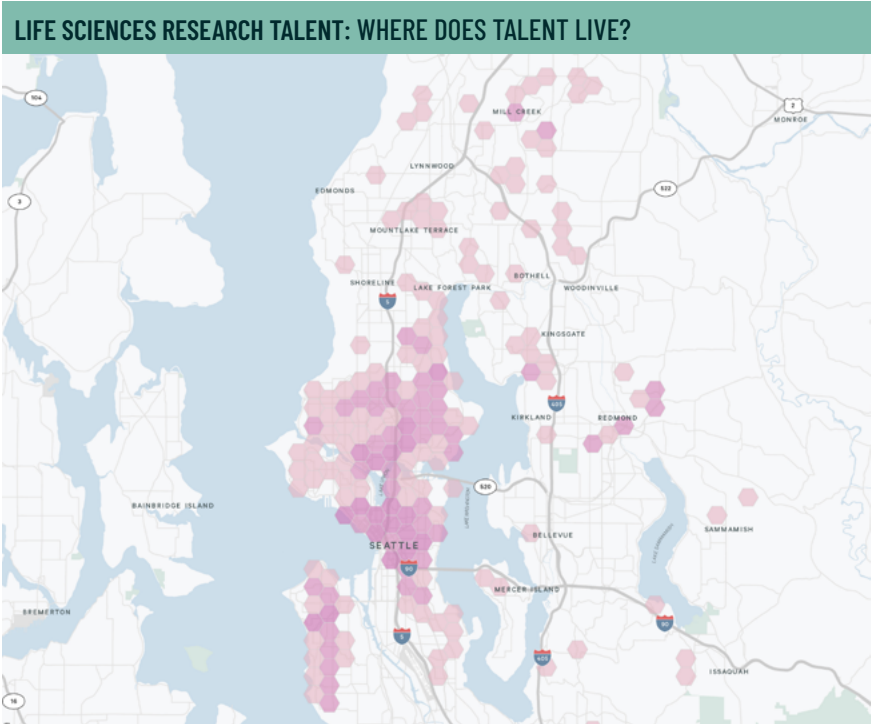
Source: IPEDS, CBRE Research

EMPLOYMENT	
	Employed (2022)
Total Life Sciences Occupations	12,210
Biochemists and biophysicists	240
Biological scientists, all other	720
Medical scientists, except epidemiologists	4,270
Bioengineers and Biomedical Engineers	650
Chemists	550
Microbiologists	360
Biological technicians	2,750
Epidemiologists	400
Life scientists, all other	150
Data Scientists & Math Science	2,120

Source: CBRE Labor Analytics, CBRE Research.

TALENT PIPELINE		
Degree Completions (2021)	Total Degrees	% of Top 25 Markets
Biological and Biomedical Sciences	1,765	6.7%
Total Bachelor, Masters, Doctorate degrees (all subjects)	26,272	
Degree Completions in the Biological and Biomedical Sciences		
	Total Degrees	% of Total Degrees
Bachelor's Degree	1,530	87%
Master's Degree	116	7%
Doctorate	119	7%

Source: CBRE Labor Analytics, CBRE Research.



Source: CBRE Location Intelligence.

10

Denver/Boulder

SCORE  
108.9

WAGES		POPULATION & LABOR FORCE	
	Average Wage	Labor Force (2022)	1,953,700
Biochemists	\$116,202	% of Laborers in Professional, Scientific & Tech Services	13.3%
Biomedical Engineers	\$102,188	% of Laborers in Health care Services	12.5%
Biophysicists	\$115,943	5-Year Projected Population Growth	
Chemists	\$92,518	Denver	7.0%
		Boulder	5.3%

Source: CBRE Labor Analytics, CBRE Research.

Source: CBRE Labor Analytics, CBRE Research.

EMPLOYMENT	
	Employed (2022)
Total Life Sciences Occupations	10,630
Biochemists and biophysicists	780
Biological scientists, all other	460
Medical scientists, except epidemiologists	1,500
Bioengineers and Biomedical Engineers	530
Chemists	1,720
Microbiologists	300
Biological technicians	2,330
Epidemiologists	370
Life scientists, all other	-
Data Scientists & Math Science	2,640

Source: CBRE Labor Analytics, CBRE Research.

COST OF LIVING	
Costs of Living (2021)	
Yearly Cost of Living	\$58,150
Denver	\$57,800
Boulder	\$61,262
Median Household Income Value	\$85,096
Denver	\$84,885
Boulder	\$86,969
Median Home Value	\$473,403
Denver	\$459,313
Boulder	\$598,730
Average Apartment Rent/1BR/MO	\$1,592

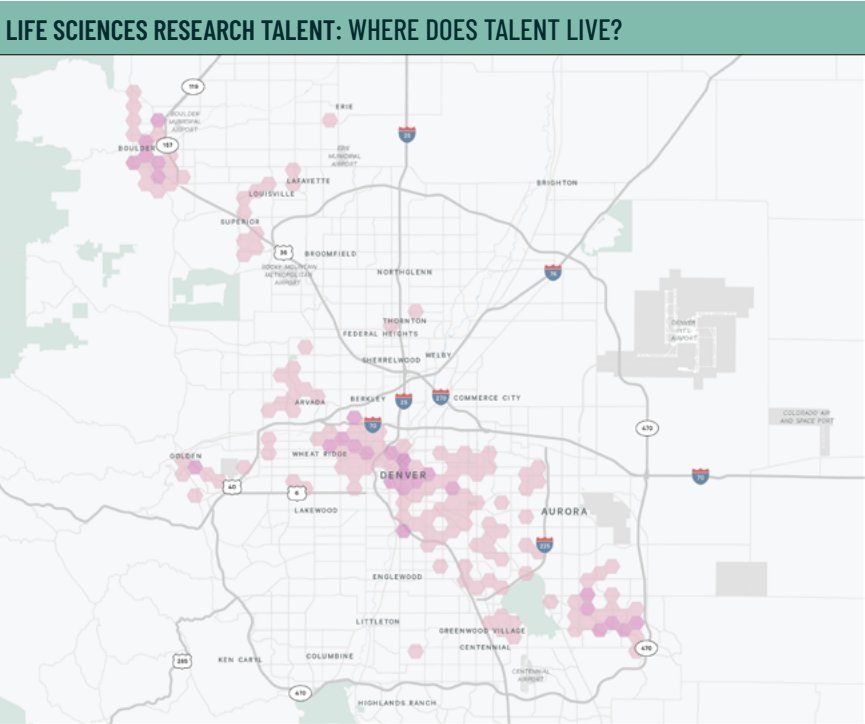
Source: CBRE Labor Analytics, CBRE EA Q4 2022

TALENT PIPELINE		
Degree Completions (2021)	Total Degrees	% of Top 25 Markets
Biological and Biomedical Sciences	2,058	6.5%
Total Bachelor, Masters, Doctorate degrees (all subjects)	31,762	
Degree Completions in the Biological and Biomedical Sciences	Total Degrees	% of Total Degrees
Bachelor's Degree	1,711	83%
Master's Degree	232	11%
Doctorate	115	6%

Source: CBRE Labor Analytics, CBRE Research.

TOP LIFE SCIENCES COLLEGES & UNIVERSITIES				
School	Bachelors	Masters	Doctorate	Total
University of Colorado Boulder	927	37	38	1,002
University of Colorado Denver/Anschutz Medical Campus	402	82	66	550
Metropolitan State University of Denver	199	-	-	199
University of Denver	108	23	11	142
Regis University	55	40	-	95

Source: IPEDS, CBRE Research



Source: CBRE Location Intelligence.



11

Minneapolis/St. Paul

SCORE  
106.7

WAGES	
	Average Wage
Biochemists	\$111,717
Biomedical Engineers	\$100,773
Biophysicists	\$111,469
Chemists	\$88,268

Source: CBRE Labor Analytics, CBRE Research.

POPULATION & LABOR FORCE	
Labor Force (2022)	2,026,361
% of Laborers in Professional, Scientific & Tech Services	9.5%
% of Laborers in Health care Services	15.3%
5-Year Projected Population Growth	4.7%

Source: CBRE Labor Analytics, CBRE Research.

COST OF LIVING	
Costs of Living (2021)	
Yearly Cost of Living	\$51,497
Median Household Income Value	\$83,904
Median Home Value	\$297,739
Average Apartment Rent/1BR/MO	\$1,255

Source: CBRE Labor Analytics, CBRE EA Q4 2022

TOP LIFE SCIENCES COLLEGES & UNIVERSITIES				
School	Bachelors	Masters	Doctorate	Total
University of Minnesota-Twin Cities	1,046	226	124	1,396
University of St Thomas	142	-	-	142
University of Wisconsin-River Falls	96	-	-	96
Macalester College	86	-	-	86
Metropolitan State University	61	-	-	61

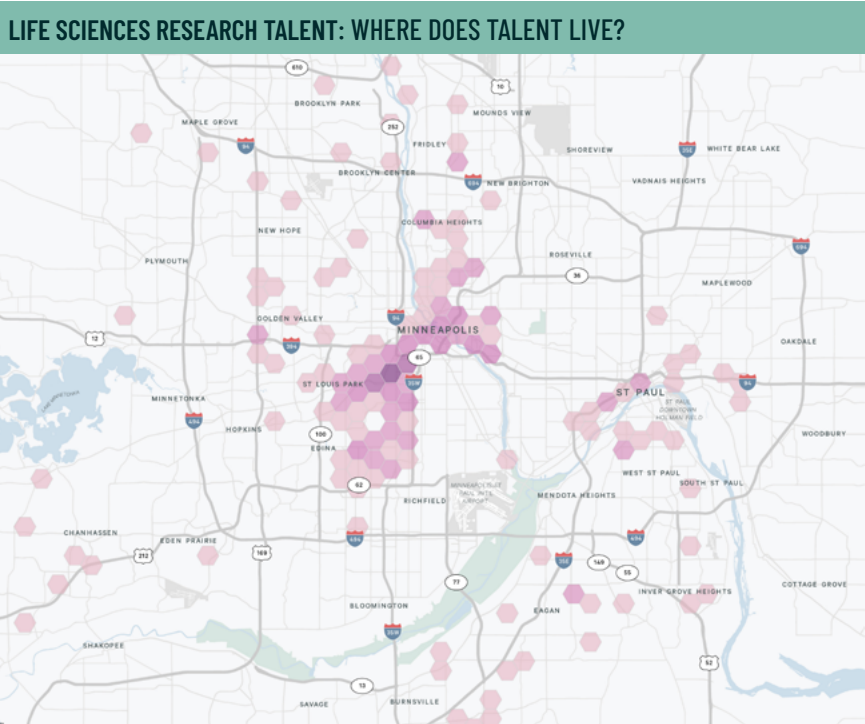
Source: IPEDS, CBRE Research

EMPLOYMENT	
	Employed (2022)
Total Life Sciences Occupations	8,800
Biochemists and biophysicists	1,140
Biological scientists, all other	240
Medical scientists, except epidemiologists	2,970
Bioengineers and Biomedical Engineers	930
Chemists	1,160
Microbiologists	310
Biological technicians	460
Epidemiologists	270
Life scientists, all other	70
Data Scientists & Math Science	1,250

Source: CBRE Labor Analytics, CBRE Research.

TALENT PIPELINE		
Degree Completions (2021)	Total Degrees	% of Top 25 Markets
Biological and Biomedical Sciences	2,001	3.7%
Total Bachelor, Masters, Doctorate degrees (all subjects)		
53,923		
Degree Completions in the Biological and Biomedical Sciences	Total Degrees	% of Total Degrees
Bachelor's Degree	1,651	83%
Master's Degree	226	11%
Doctorate	124	6%

Source: CBRE Labor Analytics, CBRE Research.



Source: CBRE Location Intelligence.

12

Chicago

SCORE

106.4

WAGES		POPULATION & LABOR FORCE	
	Average Wage	Labor Force (2022)	4,984,678
Biochemists	\$115,009	% of Laborers in Professional, Scientific & Tech Services	10.1%
Biomedical Engineers	\$98,961	% of Laborers in Health care Services	14.0%
Biophysicists	\$114,758	5-Year Projected Population Growth	-0.1%
Chemists	\$88,931		

Source: CBRE Labor Analytics, CBRE Research.

COST OF LIVING	
Costs of Living (2021)	
Yearly Cost of Living	\$55,118
Median Household Income Value	\$76,111
Median Home Value	\$267,269
Average Apartment Rent/1BR/MO	\$1,565

Source: CBRE Labor Analytics, CBRE EA Q4 2022

TOP LIFE SCIENCES COLLEGES & UNIVERSITIES				
School	Bachelors	Masters	Doctorate	Total
University of Illinois Chicago	679	64	48	791
Loyola University Chicago	508	121	11	640
Northwestern University	257	91	72	420
University of Chicago	170	89	76	335
Roosevelt University	38	81	-	119

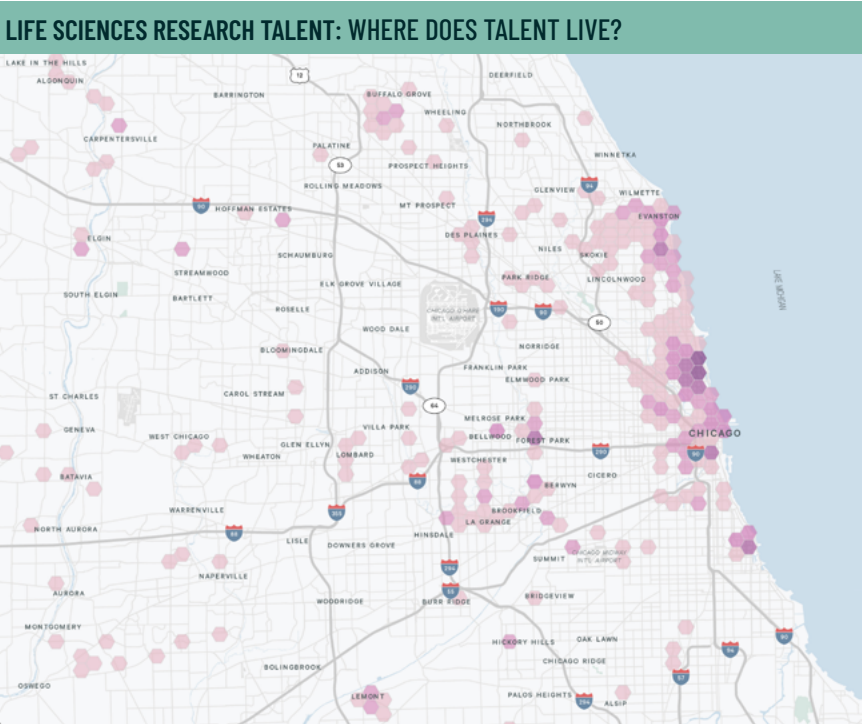
Source: IPEDS, CBRE Research

EMPLOYMENT	
	Employed (2022)
Total Life Sciences Occupations	13,030
Biochemists and biophysicists	170
Biological scientists, all other	410
Medical scientists, except epidemiologists	3,090
Bioengineers and Biomedical Engineers	700
Chemists	2,600
Microbiologists	430
Biological technicians	1,430
Epidemiologists	130
Life scientists, all other	80
Data Scientists & Math Science	3,990

Source: CBRE Labor Analytics, CBRE Research.

TALENT PIPELINE		
Degree Completions (2021)	Total Degrees	% of Top 25 Markets
Biological and Biomedical Sciences	3,309	4.9%
Total Bachelor, Masters, Doctorate degrees (all subjects)	67,273	
Degree Completions in the Biological and Biomedical Sciences	Total Degrees	% of Total Degrees
Bachelor's Degree	2,464	74%
Master's Degree	612	18%
Doctorate	233	7%

Source: CBRE Labor Analytics, CBRE Research.



Source: CBRE Location Intelligence.

13

Houston

SCORE  
103.5

WAGES	
	Average Wage
Biochemists	\$118,018
Biomedical Engineers	\$108,113
Biophysicists	\$117,736
Chemists	\$97,887

Source: CBRE Labor Analytics, CBRE Research.

POPULATION & LABOR FORCE	
Labor Force (2022)	4,984,678
% of Laborers in Professional, Scientific & Tech Services	10.1%
% of Laborers in Health care Services	14.0%
5-Year Projected Population Growth	-0.1%

Source: CBRE Labor Analytics, CBRE Research.

COST OF LIVING	
Costs of Living (2021)	
Yearly Cost of Living	\$47,794
Median Household Income Value	\$68,729
Median Home Value	\$248,638
Average Apartment Rent/1BR/MO	\$1,086

Source: CBRE Labor Analytics, CBRE EA Q4 2022

TOP LIFE SCIENCES COLLEGES & UNIVERSITIES				
School	Bachelors	Masters	Doctorate	Total
University of Houston	628	54	37	719
The University of Texas Health Science Center at Houston	-	155	89	244
Rice University	194	23	26	243
University of Houston - Clear Lake	93	46	-	139
Prairie View A & M University	103	-	-	103

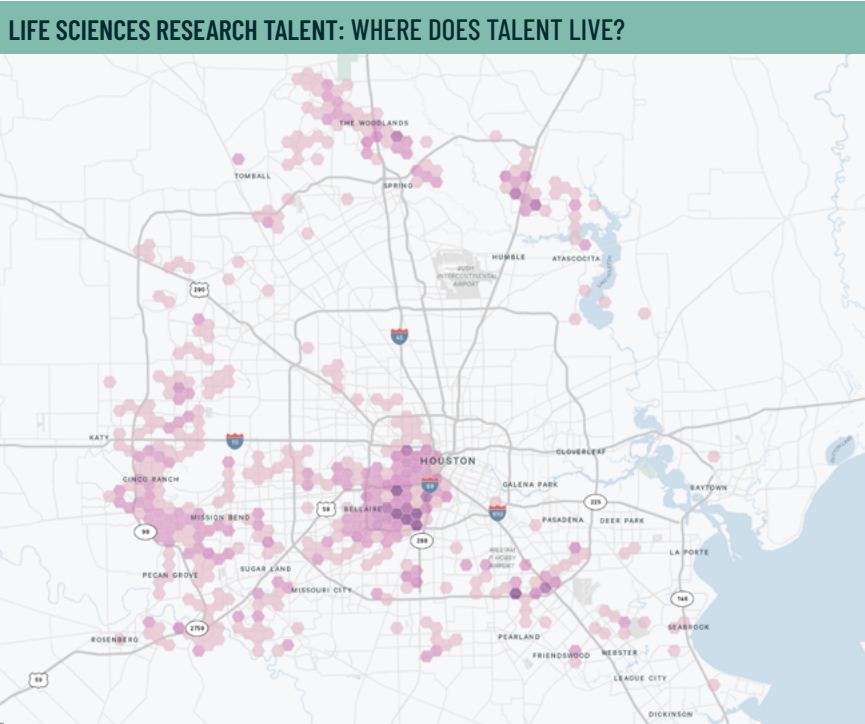
Source: IPEDS, CBRE Research

EMPLOYMENT	
	Employed (2022)
Total Life Sciences Occupations	8,480
Biochemists and biophysicists	190
Biological scientists, all other	310
Medical scientists, except epidemiologists	3,450
Bioengineers and Biomedical Engineers	230
Chemists	1,340
Microbiologists	130
Biological technicians	1,530
Epidemiologists	180
Life scientists, all other	140
Data Scientists & Math Science	980

Source: CBRE Labor Analytics, CBRE Research.

TALENT PIPELINE		
Degree Completions (2021)	Total Degrees	% of Top 25 Markets
Biological and Biomedical Sciences	1,832	6.5%
Total Bachelor, Masters, Doctorate degrees (all subjects)		
28,182		
Degree Completions in the Biological and Biomedical Sciences	Total Degrees	% of Total Degrees
Bachelor's Degree	1,263	69%
Master's Degree	302	16%
Doctorate	267	15%

Source: CBRE Labor Analytics, CBRE Research.



Source: CBRE Location Intelligence.



14 Atlanta

SCORE  
103.3

WAGES	
	Average Wage
Biochemists	\$111,328
Biomedical Engineers	\$94,405
Biophysicists	\$111,056
Chemists	\$86,113

Source: CBRE Labor Analytics, CBRE Research.

POPULATION & LABOR FORCE	
Labor Force (2022)	3,210,525
% of Laborers in Professional, Scientific & Tech Services	11.2%
% of Laborers in Health care Services	11.3%
5-Year Projected Population Growth	6.6%

Source: CBRE Labor Analytics, CBRE Research.

COST OF LIVING	
Costs of Living (2021)	
Yearly Cost of Living	\$48,030
Median Household Income Value	\$71,225
Median Home Value	\$263,851
Average Apartment Rent/1BR/MO	\$1,430

Source: CBRE Labor Analytics, CBRE EA Q4 2022

TOP 5 LIFE SCIENCES COLLEGES & UNIVERSITIES				
School	Bachelors	Masters	Doctorate	Total
Emory University	362	217	98	677
Georgia Institute of Technology	473	70	53	596
Georgia State University	420	93	17	530
Kennesaw State University	290	15	-	305
University of West Georgia	113	4	-	117

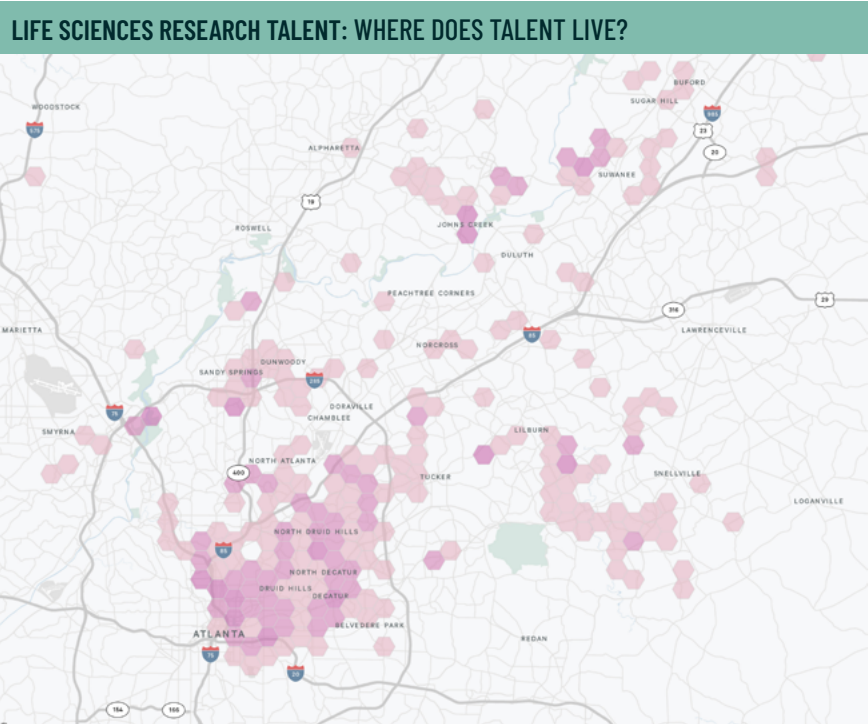
Source: IPEDS, CBRE Research

EMPLOYMENT	
	Employed (2022)
Total Life Sciences Occupations	7,840
Biochemists and biophysicists	100
Biological scientists, all other	790
Medical scientists, except epidemiologists	880
Bioengineers and Biomedical Engineers	130
Chemists	730
Microbiologists	580
Biological technicians	640
Epidemiologists	260
Life scientists, all other	-
Data Scientists & Math Science	3,730

Source: CBRE Labor Analytics, CBRE Research.

TALENT PIPELINE		
Degree Completions (2021)	Total Degrees	% of Top 25 Markets
Biological and Biomedical Sciences	2,782	7.1%
Total Bachelor, Masters, Doctorate degrees (all subjects)		
38,967		
Degree Completions in the Biological and Biomedical Sciences	Total Degrees	% of Total Degrees
Bachelor's Degree	2,190	79%
Master's Degree	410	15%
Doctorate	182	7%

Source: CBRE Labor Analytics, CBRE Research.



Source: CBRE Location Intelligence.

15

Sacramento

SCORE  
102.3

WAGES	
	Average Wage
Biochemists	\$120,757
Biomedical Engineers	\$107,025
Biophysicists	\$120,491
Chemists	\$94,612

Source: CBRE Labor Analytics, CBRE Research.

POPULATION & LABOR FORCE			
Labor Force (2022)		1,158,030	
% of Laborers in Professional, Scientific & Tech Services		8.7%	
% of Laborers in Health care Services		14.5%	
5-Year Projected Population Growth		4.2%	

Source: CBRE Labor Analytics, CBRE Research.

COST OF LIVING	
Costs of Living (2021)	
Yearly Cost of Living	\$58,566
Median Household Income Value	\$77,240
Median Home Value	\$481,098
Average Apartment Rent/1BR/MO	\$1,668

Source: CBRE Labor Analytics, CBRE EA Q4 2022

TOP LIFE SCIENCES COLLEGES & UNIVERSITIES				
School	Bachelors	Masters	Doctorate	Total
University of California - Davis	1,728	145	65	1,938
California State University - Sacramento	295	-	13	308
William Jessup University	11	-	-	11

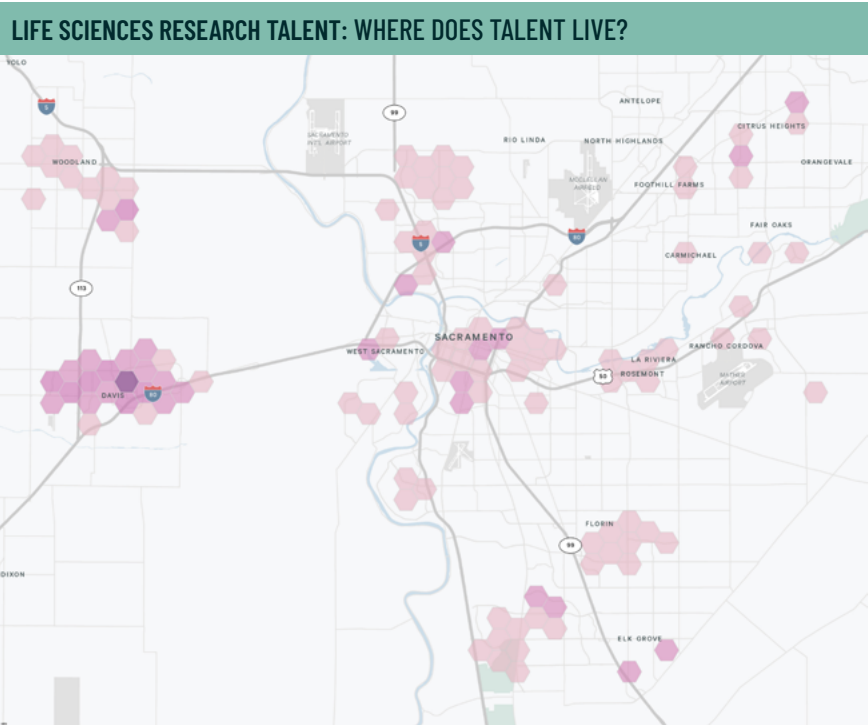
Source: IPEDS, CBRE Research

EMPLOYMENT	
	Employed (2022)
Total Life Sciences Occupations	4,630
Biochemists and biophysicists	180
Biological scientists, all other	700
Medical scientists, except epidemiologists	910
Bioengineers and Biomedical Engineers	80
Chemists	310
Microbiologists	100
Biological technicians	400
Epidemiologists	180
Life scientists, all other	110
Data Scientists & Math Science	1,660

Source: CBRE Labor Analytics, CBRE Research.

TALENT PIPELINE		
Degree Completions (2021)	Total Degrees	% of Top 25 Markets
Biological and Biomedical Sciences	2,257	10.8%
Total Bachelor, Masters, Doctorate degrees (all subjects)		
20,988		
Degree Completions in the Biological and Biomedical Sciences	Total Degrees	% of Total Degrees
Bachelor's Degree	2,034	90%
Master's Degree	78	3%
Doctorate	145	6%

Source: CBRE Labor Analytics, CBRE Research.



Source: CBRE Location Intelligence.

16 Austin

SCORE  
101.8

WAGES	
	Average Wage
Biochemists	\$107,868
Biomedical Engineers	\$100,800
Biophysicists	\$107,610
Chemists	\$84,101

Source: CBRE Labor Analytics, CBRE Research.

POPULATION & LABOR FORCE	
Labor Force (2022)	1,266,681
% of Laborers in Professional, Scientific & Tech Services	13.3%
% of Laborers in Health care Services	10.8%
5-Year Projected Population Growth	11.9%

Source: CBRE Labor Analytics, CBRE Research.

COST OF LIVING	
Costs of Living (2021)	
Yearly Cost of Living	\$51,821
Median Household Income Value	\$81,999
Median Home Value	\$319,826
Average Apartment Rent/1BR/MO	\$1,424

Source: CBRE Labor Analytics, CBRE EA Q4 2022

TOP LIFE SCIENCES COLLEGES & UNIVERSITIES				
School	Bachelors	Masters	Doctorate	Total
The University of Texas at Austin	1,329	59	16	1,404
Texas State University	358	-	28	386
Saint Edward's University	77	-	-	77
Southwestern University	32	-	-	32
Huston-Tillotson University	15	-	-	15

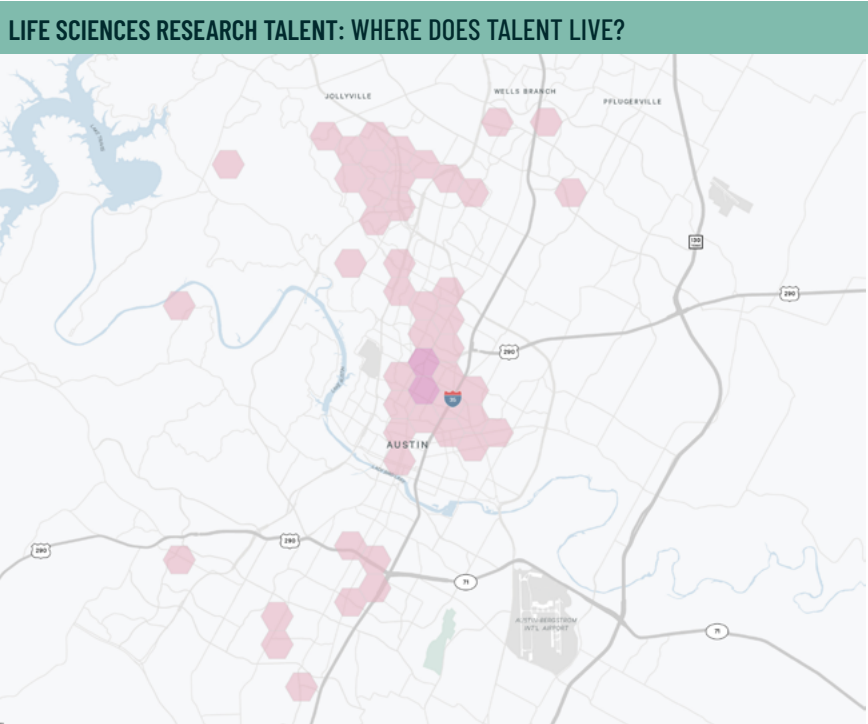
Source: IPEDS, CBRE Research

EMPLOYMENT	
	Employed (2022)
Total Life Sciences Occupations	2,830
Biochemists and biophysicists	240
Biological scientists, all other	180
Medical scientists, except epidemiologists	590
Bioengineers and Biomedical Engineers	170
Chemists	260
Microbiologists	160
Biological technicians	170
Epidemiologists	120
Life scientists, all other	-
Data Scientists & Math Science	940

Source: CBRE Labor Analytics, CBRE Research.

TALENT PIPELINE		
Degree Completions (2021)	Total Degrees	% of Top 25 Markets
Biological and Biomedical Sciences	1,927	7.3%
Total Bachelor, Masters, Doctorate degrees (all subjects)	26,247	
Degree Completions in the Biological and Biomedical Sciences		
	Total Degrees	% of Total Degrees
Bachelor's Degree	1,824	95%
Master's Degree	44	2%
Doctorate	59	3%

Source: CBRE Labor Analytics, CBRE Research.



Source: CBRE Location Intelligence.



17

Worcester

SCORE  
101.7

WAGES	
	Average Wage
Biochemists	\$113,728
Biomedical Engineers	\$96,957
Biophysicists	\$113,476
Chemists	\$88,882

Source: CBRE Labor Analytics, CBRE Research.

POPULATION & LABOR FORCE	
Labor Force (2022)	523,873
% of Laborers in Professional, Scientific & Tech Services	8.4%
% of Laborers in Health care Services	16.9%
5-Year Projected Population Growth	1.6%

Source: CBRE Labor Analytics, CBRE Research.

COST OF LIVING	
Costs of Living (2021)	
Yearly Cost of Living	\$58,768
Median Household Income Value	\$77,066
Median Home Value	\$340,540

Source: CBRE Labor Analytics, CBRE EA Q4 2022

TOP LIFE SCIENCES COLLEGES & UNIVERSITIES				
School	Bachelors	Masters	Doctorate	Total
Worcester Polytechnic Institute	158	48	8	214
Worcester State University	99	5	-	104
Clark University	59	18	1	78
Fitchburg State University	70	1	-	71
College of the Holy Cross	60	-	-	60

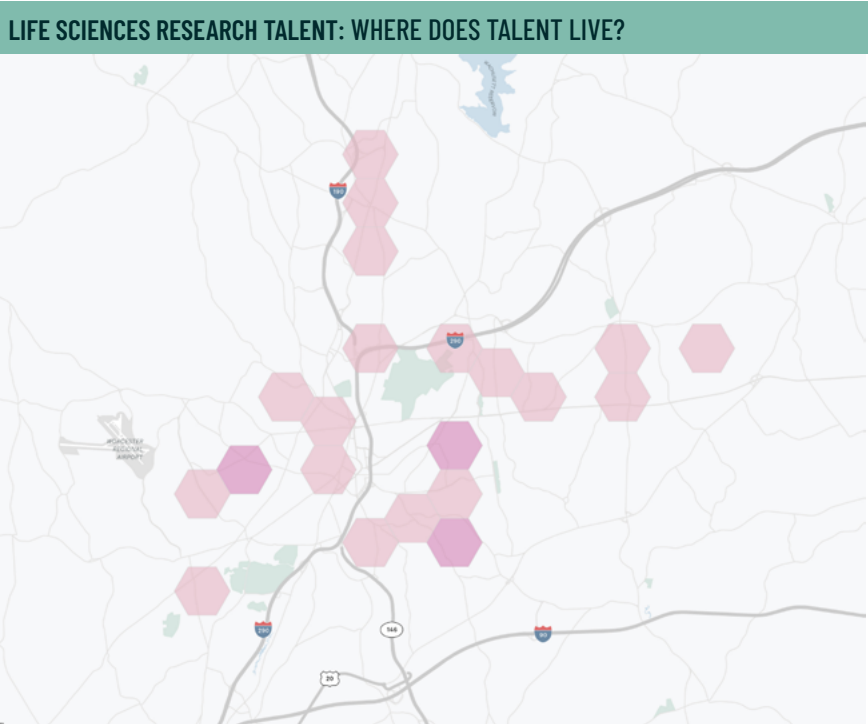
Source: IPEDS, CBRE Research

EMPLOYMENT	
	Employed (2022)
Total Life Sciences Occupations	1,980
Biochemists and biophysicists	430
Biological scientists, all other	80
Medical scientists, except epidemiologists	270
Bioengineers and Biomedical Engineers	90
Chemists	250
Microbiologists	130
Biological technicians	490
Epidemiologists	100
Life scientists, all other	-
Data Scientists & Math Science	140

Source: CBRE Labor Analytics, CBRE Research.

TALENT PIPELINE		
Degree Completions (2021)	Total Degrees	% of Top 25 Markets
Biological and Biomedical Sciences	663	6.5%
Total Bachelor, Masters, Doctorate degrees (all subjects)		
10,153		
Degree Completions in the Biological and Biomedical Sciences	Total Degrees	% of Total Degrees
Bachelor's Degree	527	79%
Master's Degree	86	13%
Doctorate	50	8%

Source: CBRE Labor Analytics, CBRE Research.



2022 Life Sciences Talent

- Up to 10
- 10-25
- 25-50
- 50-100
- 100-150
- 150+

Source: CBRE Location Intelligence.

18

Salt Lake City

SCORE  
101.7

WAGES	
	Average Wage
Biochemists	\$104,302
Biomedical Engineers	\$91,283
Biophysicists	\$104,058
Chemists	\$81,081

Source: CBRE Labor Analytics, CBRE Research.

POPULATION & LABOR FORCE			
Labor Force (2022)		687,774	
% of Laborers in Professional, Scientific & Tech Services		9.3%	
% of Laborers in Health care Services		11.9%	
5-Year Projected Population Growth		7.1%	

Source: CBRE Labor Analytics, CBRE Research.

COST OF LIVING	
Costs of Living (2021)	
Yearly Cost of Living	\$53,804
Median Household Income Value	\$80,658
Median Home Value	\$398,070
Average Apartment Rent/1BR/MO	\$1,300

Source: CBRE Labor Analytics, CBRE EA Q4 2022

TOP LIFE SCIENCES COLLEGES & UNIVERSITIES				
School	Bachelors	Masters	Doctorate	Total
University of Utah	284	71	61	416
Westminster College	33	-	-	33

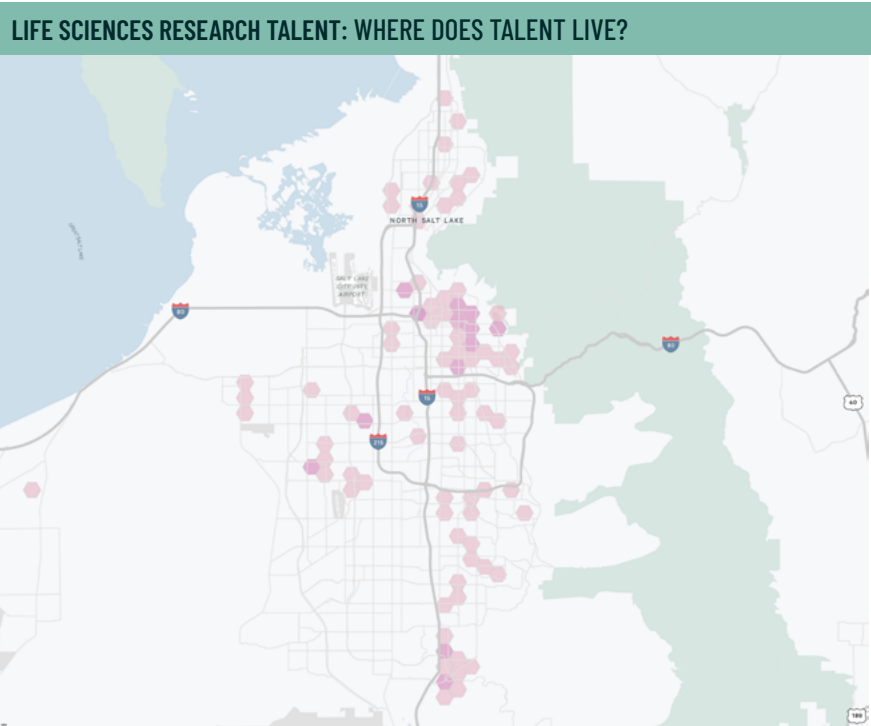
Source: IPEDS, CBRE Research

EMPLOYMENT	
	Employed (2022)
Total Life Sciences Occupations	4,440
Biochemists and biophysicists	240
Biological scientists, all other	270
Medical scientists, except epidemiologists	1,220
Bioengineers and Biomedical Engineers	440
Chemists	420
Microbiologists	100
Biological technicians	360
Epidemiologists	120
Life scientists, all other	70
Data Scientists & Math Science	1,200

Source: CBRE Labor Analytics, CBRE Research.

TALENT PIPELINE		
Degree Completions (2021)	Total Degrees	% of Top 25 Markets
Biological and Biomedical Sciences	449	0.8%
Total Bachelor, Masters, Doctorate degrees (all subjects)		
58,553		
Degree Completions in the Biological and Biomedical Sciences	Total Degrees	% of Total Degrees
Bachelor's Degree	317	71%
Master's Degree	71	16%
Doctorate	61	14%

Source: CBRE Labor Analytics, CBRE Research.



Source: CBRE Location Intelligence.

19

Dallas/Fort Worth

SCORE  
101.0

WAGES		POPULATION & LABOR FORCE	
	Average Wage	Labor Force (2022)	4,115,965
Biochemists	\$111,043	% of Laborers in Professional, Scientific & Tech Services	9.3%
Biomedical Engineers	\$102,218	% of Laborers in Health care Services	11.6%
Biophysicists	\$110,781	5-Year Projected Population Growth	8.7%
Chemists	\$88,397		

Source: CBRE Labor Analytics, CBRE Research.

COST OF LIVING	
Costs of Living (2021)	
Yearly Cost of Living	\$49,792
Median Household Income Value	\$73,903
Median Home Value	\$266,837
Average Apartment Rent/1BR/MO	\$1,258

Source: CBRE Labor Analytics, CBRE EA Q4 2022

TOP LIFE SCIENCES COLLEGES & UNIVERSITIES				
School	Bachelors	Masters	Doctorate	Total
The University of Texas at Dallas	777	154	29	960
University of North Texas	575	23	14	612
The University of Texas at Arlington	451	44	26	521
University of North Texas Health Science Center	-	271	13	284
Texas Woman's University	108	11	2	121

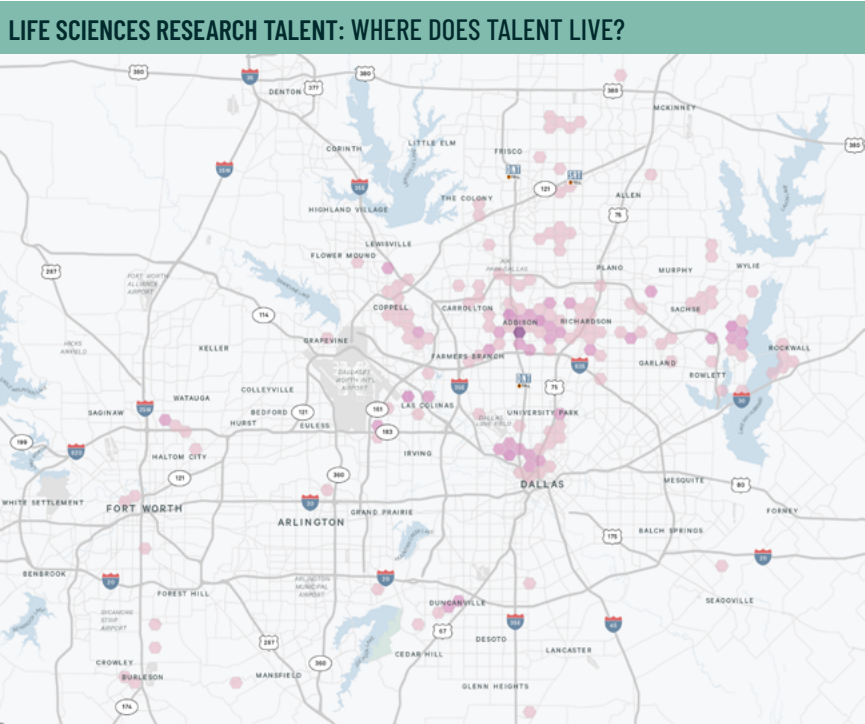
Source: IPEDS, CBRE Research

EMPLOYMENT	
	Employed (2022)
Total Life Sciences Occupations	7,850
Biochemists and biophysicists	110
Biological scientists, all other	400
Medical scientists, except epidemiologists	1,700
Bioengineers and Biomedical Engineers	320
Chemists	710
Microbiologists	110
Biological technicians	1,620
Epidemiologists	180
Life scientists, all other	-
Data Scientists & Math Science	2,700

Source: CBRE Labor Analytics, CBRE Research.

TALENT PIPELINE		
Degree Completions (2021)	Total Degrees	% of Top 25 Markets
Biological and Biomedical Sciences	3,074	5.6%
Total Bachelor, Masters, Doctorate degrees (all subjects)	54,469	
Degree Completions in the Biological and Biomedical Sciences		
	Total Degrees	% of Total Degrees
Bachelor's Degree	2,351	76%
Master's Degree	588	19%
Doctorate	135	4%

Source: CBRE Labor Analytics, CBRE Research.



Source: CBRE Location Intelligence.



20

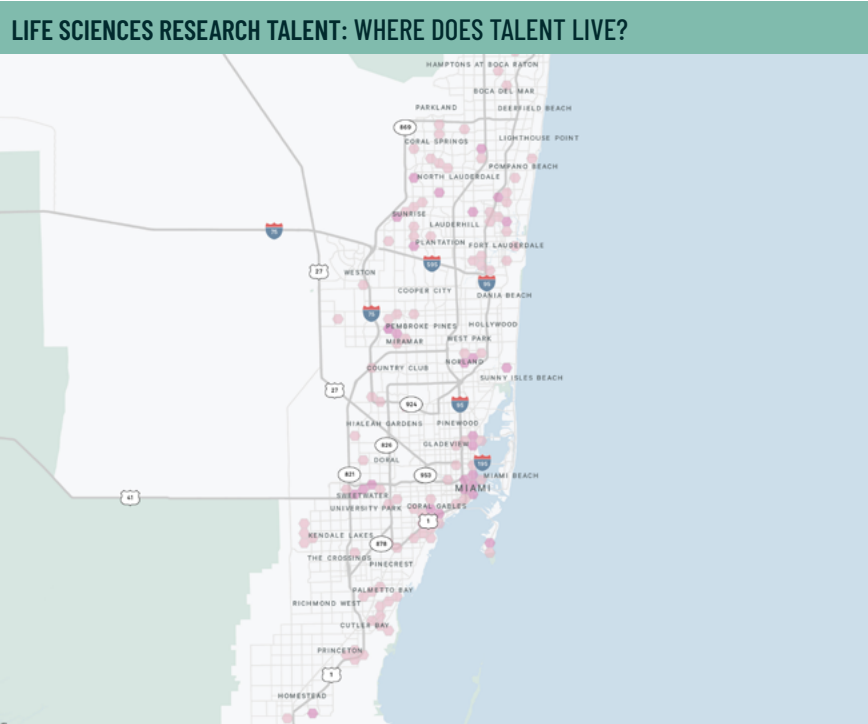
Miami/Fort Lauderdale

SCORE  
100.6

WAGES		POPULATION & LABOR FORCE		COST OF LIVING	
Average Wage		Labor Force (2022)		Costs of Living (2021)	
Biochemists	\$108,772	% of Laborers in Professional, Scientific & Tech Services	8.9%	Yearly Cost of Living	\$60,458
Biomedical Engineers	\$94,026	% of Laborers in Health care Services	14.0%	Median Household Income Value	\$59,285
Biophysicists	\$108,514	5-Year Projected Population Growth	4.6%	Median Home Value	\$329,375
Chemists	\$82,902			Average Apartment Rent/1BR/MO	\$1,857
Source: CBRE Labor Analytics, CBRE Research.		Source: CBRE Labor Analytics, CBRE Research.		Source: CBRE Labor Analytics, CBRE EA Q4 2022	

TOP LIFE SCIENCES COLLEGES & UNIVERSITIES				
School	Bachelors	Masters	Doctorate	Total
Florida International University	1,058	30	19	1,107
University of Miami	413	237	50	700
Florida Atlantic University	486	71	16	573
Nova Southeastern University	409	98	-	507
Barry University	65	138	-	203
Source: IPEDS, CBRE Research				

EMPLOYMENT		TALENT PIPELINE		
Employed (2022)		Degree Completions (2021)	Total Degrees	% of Top 25 Markets
Total Life Sciences Occupations	4,260	Biological and Biomedical Sciences	3,307	6.9%
Biochemists and biophysicists	220	Total Bachelor, Masters, Doctorate degrees (all subjects)	47,826	
Biological scientists, all other	1310	Degree Completions in the Biological and Biomedical Sciences	Total Degrees	% of Total Degrees
Medical scientists, except epidemiologists	0	Bachelor's Degree	2,648	80%
Bioengineers and Biomedical Engineers	140	Master's Degree	574	17%
Chemists	620	Doctorate	85	3%
Microbiologists	110	Source: CBRE Labor Analytics, CBRE Research.		
Biological technicians	640			
Epidemiologists	60			
Life scientists, all other	0			
Data Scientists & Math Science	1160			
Source: CBRE Labor Analytics, CBRE Research.				



Source: CBRE Location Intelligence.

# 21 Albany

SCORE  
100.3

WAGES	
	Average Wage
Biochemists	\$107,998
Biomedical Engineers	\$99,644
Biophysicists	\$107,766
Chemists	\$84,190

Source: CBRE Labor Analytics, CBRE Research.

POPULATION & LABOR FORCE	
Labor Force (2022)	482,734
% of Laborers in Professional, Scientific & Tech Services	9.6%
% of Laborers in Health care Services	16.4%
5-Year Projected Population Growth	1.1%

Source: CBRE Labor Analytics, CBRE Research.

COST OF LIVING	
Costs of Living (2021)	
Yearly Cost of Living	\$52,020
Median Household Income Value	\$73,490
Median Home Value	\$236,083

Source: CBRE Labor Analytics, CBRE EA Q4 2022

TOP LIFE SCIENCES COLLEGES & UNIVERSITIES				
School	Bachelors	Masters	Doctorate	Total
SUNY at Albany	254	15	19	288
Rensselaer Polytechnic Institute	176	32	13	221
Union College	95	-	-	95
Siena College	89	-	-	89
Skidmore College	54	-	-	54

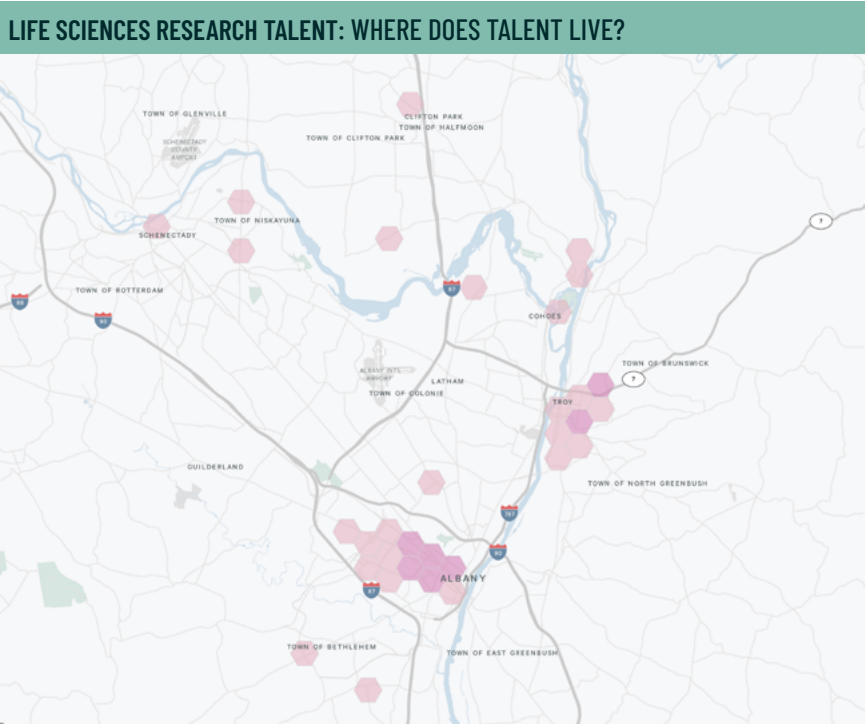
Source: IPEDS, CBRE Research

EMPLOYMENT	
	Employed (2022)
Total Life Sciences Occupations	1,960
Biochemists and biophysicists	210
Biological scientists, all other	70
Medical scientists, except epidemiologists	370
Bioengineers and Biomedical Engineers	90
Chemists	350
Microbiologists	110
Biological technicians	460
Epidemiologists	-
Life scientists, all other	-
Data Scientists & Math Science	300

Source: CBRE Labor Analytics, CBRE Research.

TALENT PIPELINE		
Degree Completions (2021)	Total Degrees	% of Top 25 Markets
Biological and Biomedical Sciences	858	5.0%
Total Bachelor, Masters, Doctorate degrees (all subjects)		
17,307		
Degree Completions in the Biological and Biomedical Sciences	Total Degrees	% of Total Degrees
Bachelor's Degree	764	89%
Master's Degree	53	6%
Doctorate	41	5%

Source: CBRE Labor Analytics, CBRE Research.



Source: CBRE Location Intelligence.

22

Portland

SCORE  
100.2

WAGES	
	Average Wage
Biochemists	\$112,599
Biomedical Engineers	\$97,041
Biophysicists	\$112,348
Chemists	\$86,886

Source: CBRE Labor Analytics, CBRE Research.

POPULATION & LABOR FORCE	
Labor Force (2022)	1,363,250
% of Laborers in Professional, Scientific & Tech Services	9.9%
% of Laborers in Health care Services	14.9%
5-Year Projected Population Growth	5.8%

Source: CBRE Labor Analytics, CBRE Research.

COST OF LIVING	
Costs of Living (2021)	
Yearly Cost of Living	\$56,538
Median Household Income Value	\$78,432
Median Home Value	\$437,985
Average Apartment Rent/1BR/MO	\$1,461

Source: CBRE Labor Analytics, CBRE EA Q4 2022

TOP LIFE SCIENCES COLLEGES & UNIVERSITIES				
School	Bachelors	Masters	Doctorate	Total
Portland State University	232	16	5	253
University of Western States	124	-	-	124
University of Portland	114	2	-	116
Oregon Health & Science University	-	27	39	66
Pacific University	58	2	2	62

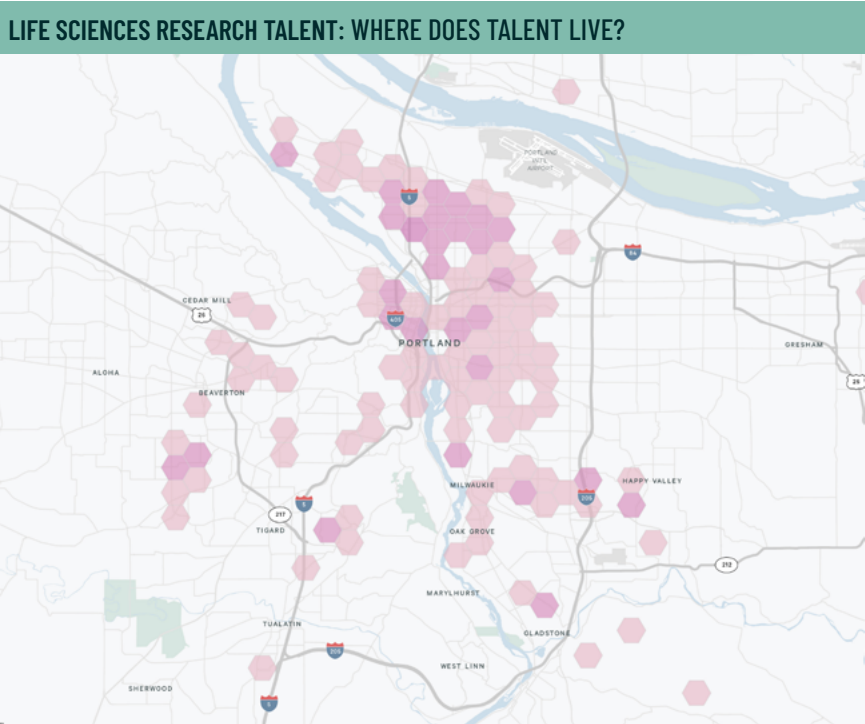
Source: IPEDS, CBRE Research

EMPLOYMENT	
	Employed (2022)
Total Life Sciences Occupations	5,590
Biochemists and biophysicists	0
Biological scientists, all other	280
Medical scientists, except epidemiologists	1400
Bioengineers and Biomedical Engineers	50
Chemists	530
Microbiologists	80
Biological technicians	1950
Epidemiologists	70
Life scientists, all other	180
Data Scientists & Math Science	1050

Source: CBRE Labor Analytics, CBRE Research.

TALENT PIPELINE		
Degree Completions (2021)	Total Degrees	% of Top 25 Markets
Biological and Biomedical Sciences	796	5.8%
Total Bachelor, Masters, Doctorate degrees (all subjects)		
13,641		
Degree Completions in the Biological and Biomedical Sciences	Total Degrees	% of Total Degrees
Bachelor's Degree	703	88%
Master's Degree	47	6%
Doctorate	46	6%

Source: CBRE Labor Analytics, CBRE Research.



Source: CBRE Location Intelligence.



23

Pittsburgh

SCORE

100.1

WAGES	
	Average Wage
Biochemists	\$104,086
Biomedical Engineers	\$92,687
Biophysicists	\$103,846
Chemists	\$82,264

Source: CBRE Labor Analytics, CBRE Research.

POPULATION & LABOR FORCE	
Labor Force (2022)	1,225,253
% of Laborers in Professional, Scientific & Tech Services	-0.4%
% of Laborers in Health care Services	8.6%
5-Year Projected Population Growth	18.3%

Source: CBRE Labor Analytics, CBRE Research.

COST OF LIVING	
Costs of Living (2021)	
Yearly Cost of Living	\$49,275
Median Household Income Value	\$62,319
Median Home Value	\$181,306
Average Apartment Rent/1BR/MO	\$1,144

Source: CBRE Labor Analytics, CBRE EA Q4 2022

TOP LIFE SCIENCES COLLEGES & UNIVERSITIES				
School	Bachelors	Masters	Doctorate	Total
University of Pittsburgh – Pittsburgh Campus	694	131	91	916
Carnegie Mellon University	118	69	24	211
Duquesne University	157	18	6	181
Chatham University	53	30	-	83
Slippery Rock University of Pennsylvania	53	-	-	53

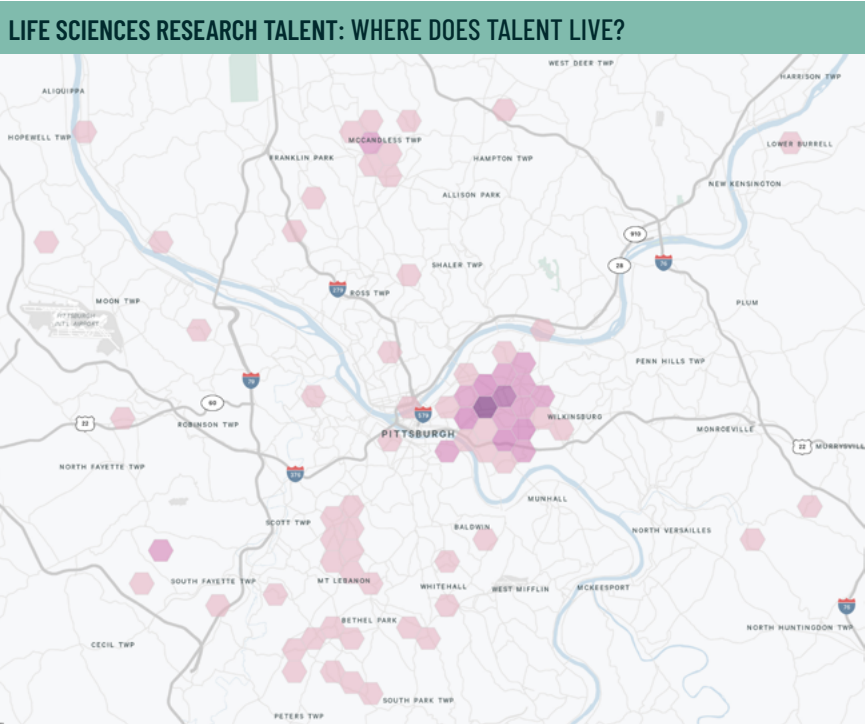
Source: IPEDS, CBRE Research

EMPLOYMENT	
	Employed (2022)
Total Life Sciences Occupations	4,680
Biochemists and biophysicists	-
Biological scientists, all other	230
Medical scientists, except epidemiologists	1,120
Bioengineers and Biomedical Engineers	100
Chemists	930
Microbiologists	40
Biological technicians	1,270
Epidemiologists	-
Life scientists, all other	80
Data Scientists & Math Science	910

Source: CBRE Labor Analytics, CBRE Research.

TALENT PIPELINE		
Degree Completions (2021)	Total Degrees	% of Top 25 Markets
Biological and Biomedical Sciences	1,771	6.9%
Total Bachelor, Masters, Doctorate degrees (all subjects)	25,542	
Degree Completions in the Biological and Biomedical Sciences	Total Degrees	% of Total Degrees
Bachelor's Degree	1,402	79%
Master's Degree	248	14%
Doctorate	121	7%

Source: CBRE Labor Analytics, CBRE Research.



Source: CBRE Location Intelligence.

# 24 New Haven

SCORE  
99.6

WAGES	
	Average Wage
Biochemists	\$126,586
Biomedical Engineers	\$100,536
Biophysicists	\$126,318
Chemists	\$96,683

Source: CBRE Labor Analytics, CBRE Research.

POPULATION & LABOR FORCE	
Labor Force (2022)	457,637
% of Laborers in Professional, Scientific & Tech Services	6.8%
% of Laborers in Health care Services	19.4%
5-Year Projected Population Growth	-0.2%

Source: CBRE Labor Analytics, CBRE Research.

COST OF LIVING	
Costs of Living (2021)	
Yearly Cost of Living	\$60,681
Median Household Income Value	\$68,471
Median Home Value	\$264,109

Source: CBRE Labor Analytics, CBRE EA Q4 2022

TOP LIFE SCIENCES COLLEGES & UNIVERSITIES				
School	Bachelors	Masters	Doctorate	Total
Yale University	180	255	105	540
Quinnipiac University	107	75	-	182
University of New Haven	73	57	-	130
Southern Connecticut State University	62	7	-	69
Post University	16	-	-	16

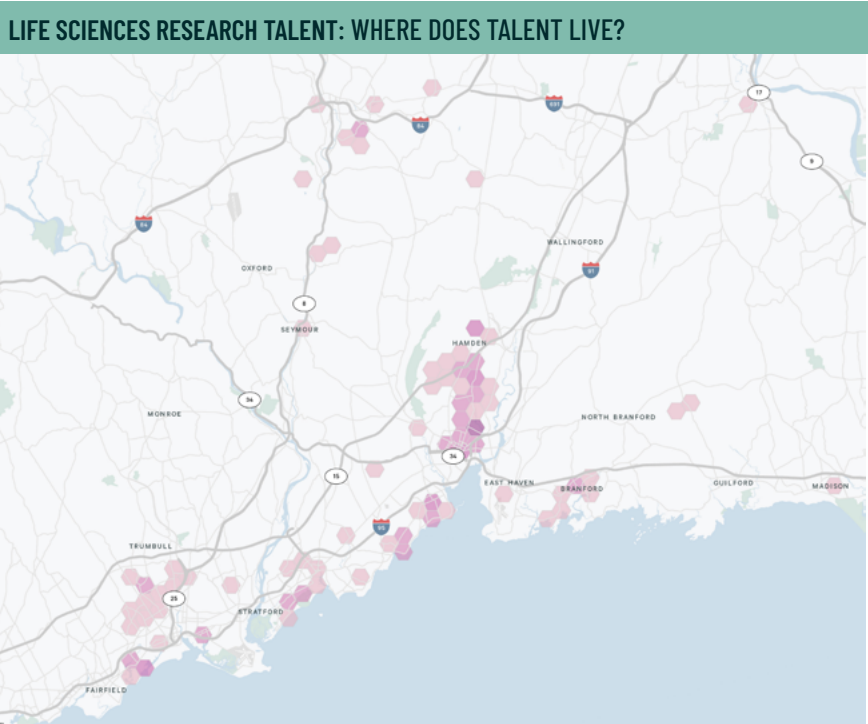
Source: IPEDS, CBRE Research

EMPLOYMENT	
	Employed (2022)
Total Life Sciences Occupations	1,120
Biochemists and biophysicists	-
Biological scientists, all other	110
Medical scientists, except epidemiologists	370
Bioengineers and Biomedical Engineers	40
Chemists	310
Microbiologists	-
Biological technicians	210
Epidemiologists	-
Life scientists, all other	-
Data Scientists & Math Science	80

Source: CBRE Labor Analytics, CBRE Research.

TALENT PIPELINE		
Degree Completions (2021)	Total Degrees	% of Top 25 Markets
Biological and Biomedical Sciences	940	6.8%
Total Bachelor, Masters, Doctorate degrees (all subjects)	13,909	
Degree Completions in the Biological and Biomedical Sciences	Total Degrees	% of Total Degrees
Bachelor's Degree	441	47%
Master's Degree	394	42%
Doctorate	105	11%

Source: CBRE Labor Analytics, CBRE Research.



Source: CBRE Location Intelligence.

# 25 Nashville

SCORE  
98.5

WAGES	
	Average Wage
Biochemists	\$101,579
Biomedical Engineers	\$88,766
Biophysicists	\$101,345
Chemists	\$77,465

Source: CBRE Labor Analytics, CBRE Research.

POPULATION & LABOR FORCE	
Labor Force (2022)	1,083,969
% of Laborers in Professional, Scientific & Tech Services	7.8%
% of Laborers in Health care Services	15.0%
5-Year Projected Population Growth	8.4%

Source: CBRE Labor Analytics, CBRE Research.

COST OF LIVING	
Costs of Living (2021)	
Yearly Cost of Living	\$46,894
Median Household Income Value	\$69,663
Median Home Value	\$287,644
Average Apartment Rent/1BR/MO	\$1,345

Source: CBRE Labor Analytics, CBRE EA Q4 2022

TOP 5 LIFE SCIENCES COLLEGES & UNIVERSITIES				
School	Bachelors	Masters	Doctorate	Total
Vanderbilt University	256	38	91	385
Middle Tennessee State University	215	54	5	274
Lipscomb University	86	33	-	119
Tennessee State University	45	11	12	68
Belmont University	46	-	-	46

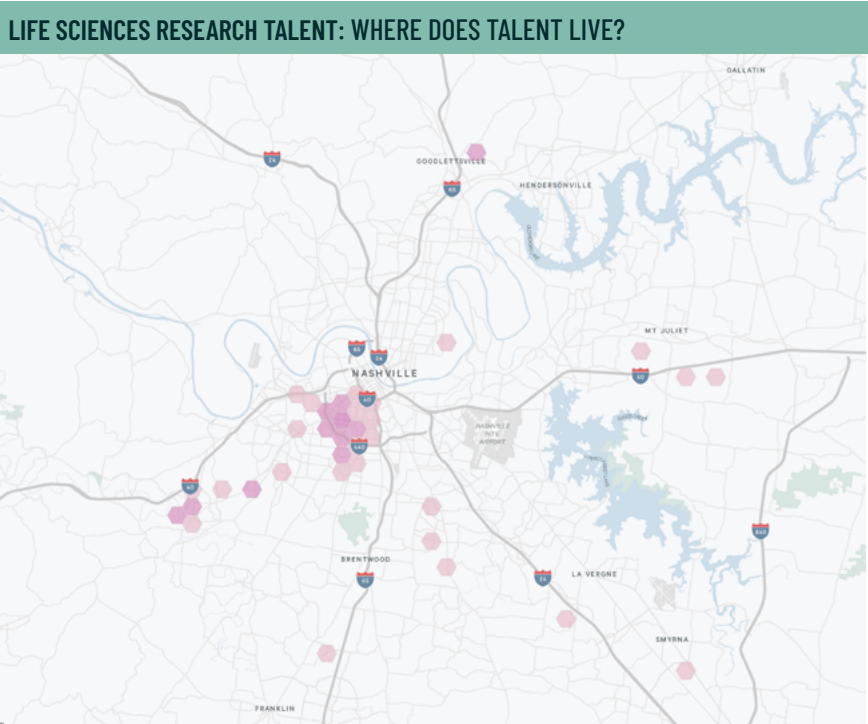
Source: IPEDS, CBRE Research

EMPLOYMENT	
	Employed (2022)
Total Life Sciences Occupations	2,990
Biochemists and biophysicists	190
Biological scientists, all other	190
Medical scientists, except epidemiologists	660
Bioengineers and Biomedical Engineers	60
Chemists	280
Microbiologists	80
Biological technicians	790
Epidemiologists	130
Life scientists, all other	-
Data Scientists & Math Science	610

Source: CBRE Labor Analytics, CBRE Research.

TALENT PIPELINE		
Degree Completions (2021)	Total Degrees	% of Top 25 Markets
Biological and Biomedical Sciences	958	6.1%
Total Bachelor, Masters, Doctorate degrees (all subjects)		
15,710		
Degree Completions in the Biological and Biomedical Sciences		
	Total Degrees	% of Total Degrees
Bachelor's Degree	710	74%
Master's Degree	136	14%
Doctorate	112	12%

Source: CBRE Labor Analytics, CBRE Research.



Source: CBRE Location Intelligence.



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