



Maryland

2023 LIFE SCIENCES WORKFORCE TRENDS REPORT:
A RAPIDLY EVOLVING INDUSTRY AND ITS IMPACT ON TALENT DYNAMICS



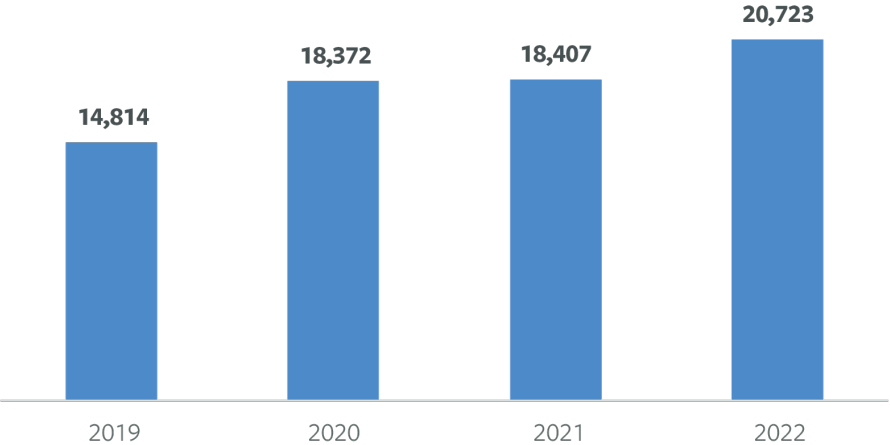
Life Sciences Industry Job Postings Data for Maryland

This fact sheet represents a state-specific supplement to the national CSBI/TEconomy Life Sciences Workforce Trends report and presents summary information on industry job postings for Maryland. The data represent the latest four years of unique (non-duplicative) job postings across the life sciences industry and its five major subsectors—agricultural feedstock and industrial biosciences; bioscience-related distribution; drugs and pharmaceuticals; medical devices and equipment; research, testing, and medical laboratories. From January 2019 through December 2022, Maryland life sciences companies posted a total of 65,473 unique job opportunities.

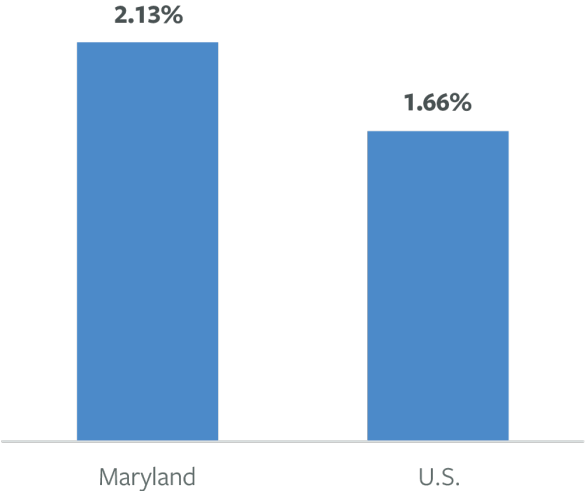


MD Life Sciences Industry: Total Job Postings & Recent Trends, 2019-2022

Trend in Total Unique Job Postings, 2019-2022

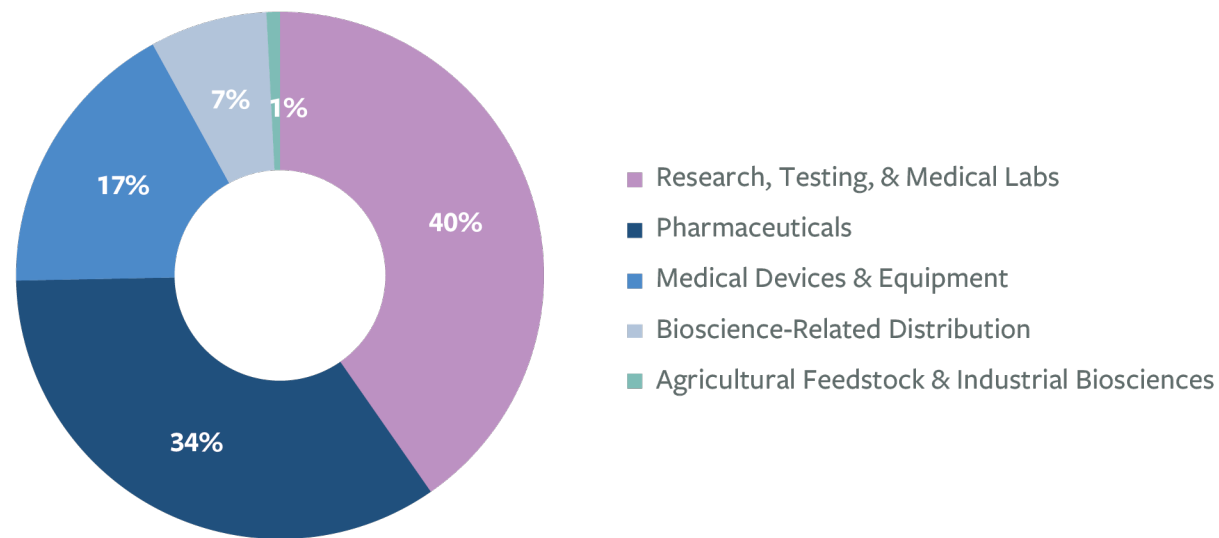


Life Sciences' Share of Total Unique Job Postings, 2019-2022



Note: the individual years in trend analysis will not sum to cumulative totals due to unique postings that span across individual years.

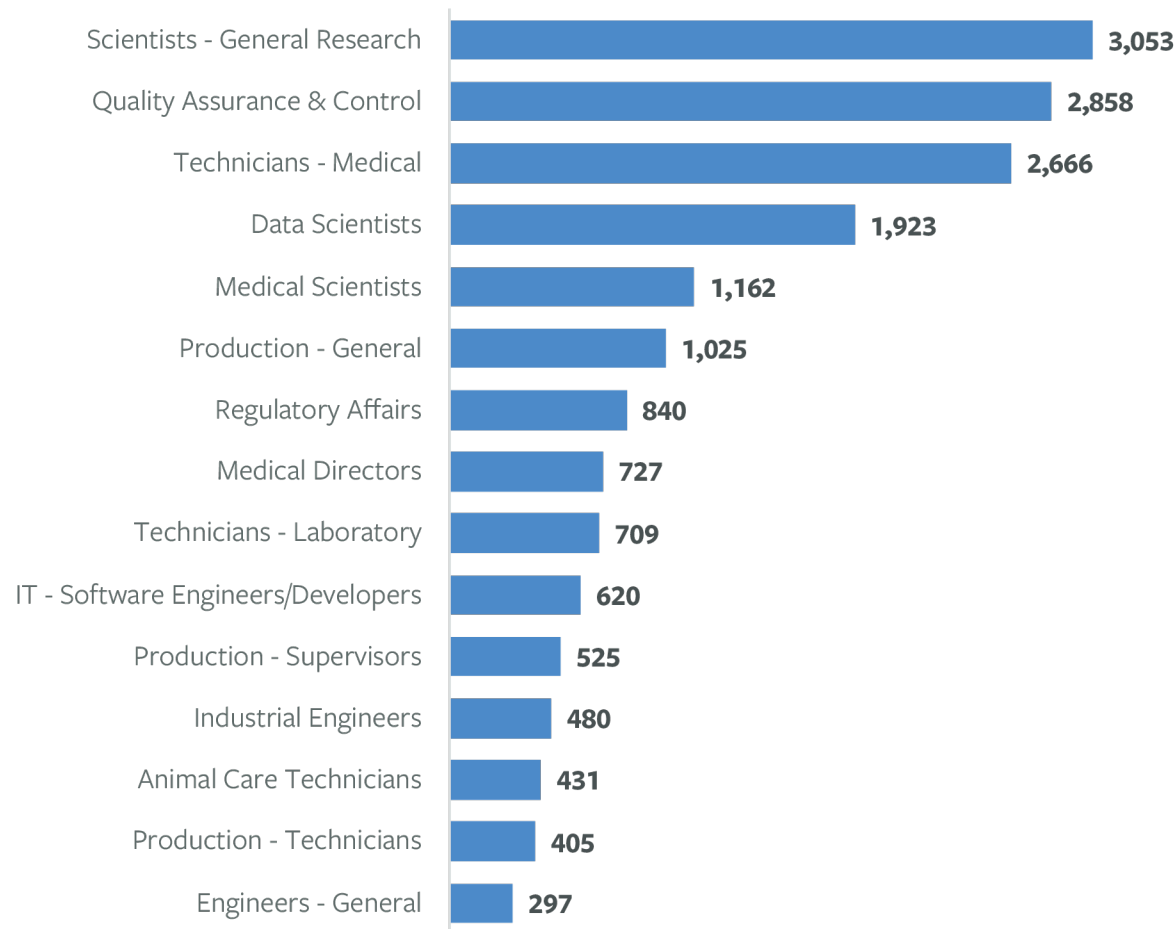
Share of Industry Job Postings in MD by Major Life Sciences Subsector, 2019-2022



Leading MD Companies in Life Sciences Job Postings, 2019-2022

- AstraZeneca
- Thermo Fisher Scientific
- BD
- Emergent BioSolutions
- Catalent
- Quest Diagnostics
- Novavax
- Charles River Laboratories
- GlaxoSmithKline
- Labcorp Drug Development
- Meso Scale Diagnostics, LLC.
- IQVIA
- W.L. Gore & Associates
- Bayer
- Supernus Pharmaceuticals

Leading Technical & Production-Related Job Titles/Groupings for MD Life Sciences Hiring Over Last Four Years

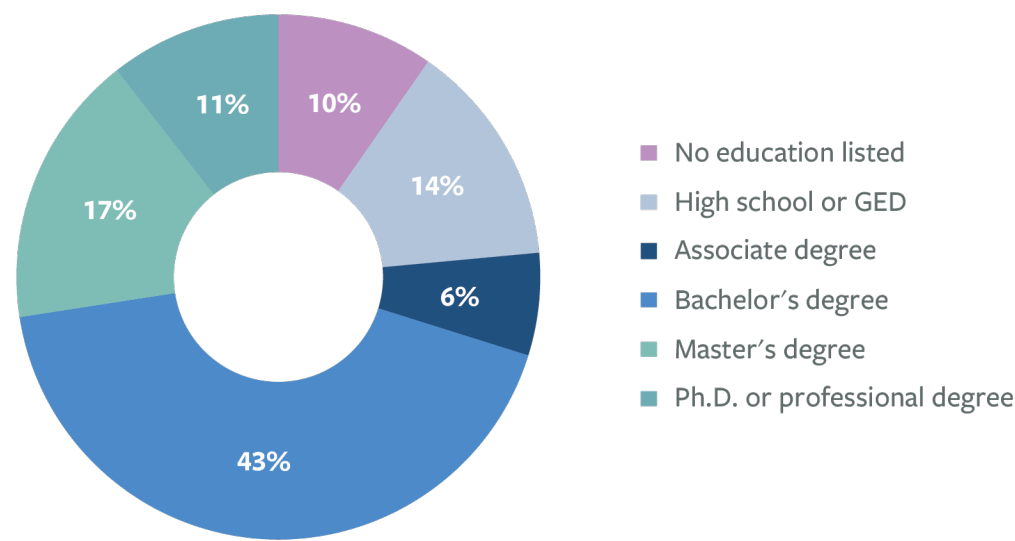


Note: Lightcast limits information on job titles and corresponding numbers of postings to the top 1,000, limiting the ability to provide comprehensive totals by categories.

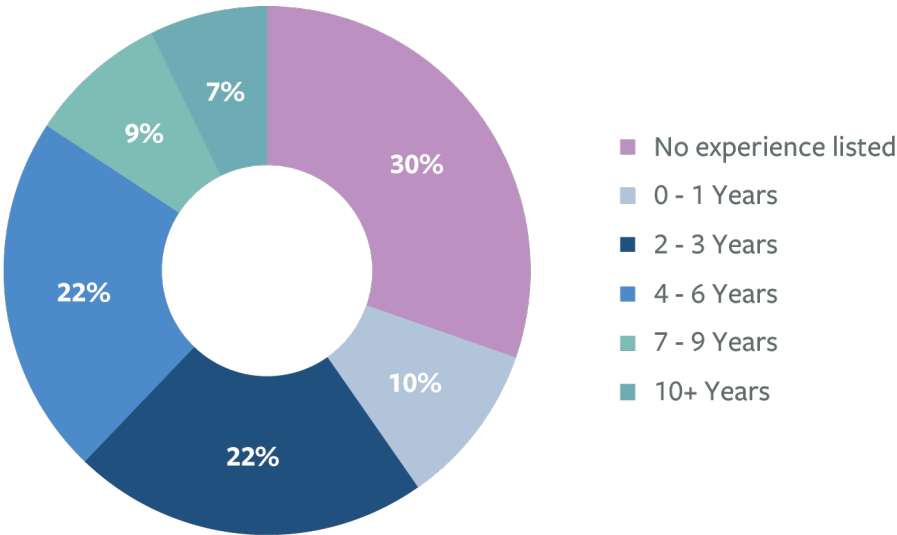
Note: This figure reflects leading job titles in technical and production roles in the life sciences job postings, it excludes large segments of the industry workforce in managerial, sales, and other business functions to focus on more actionable intelligence for life sciences-specific education and workforce development.

Education & Experience Requirements in MD Life Sciences Industry Job Postings

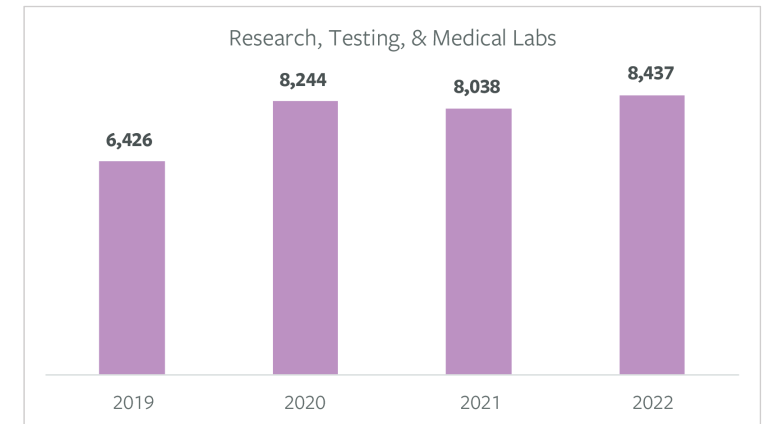
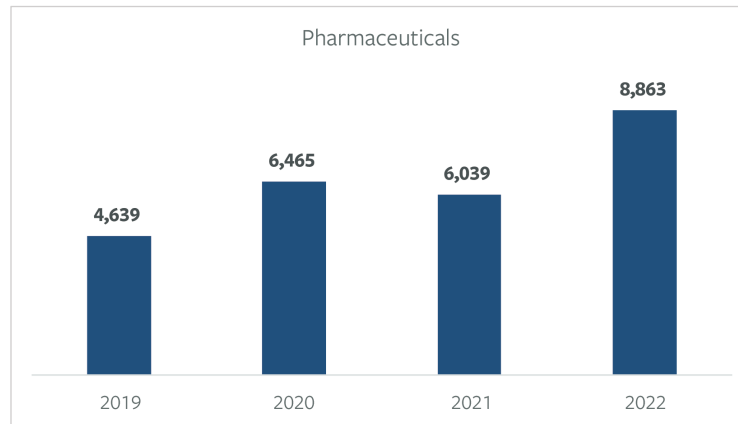
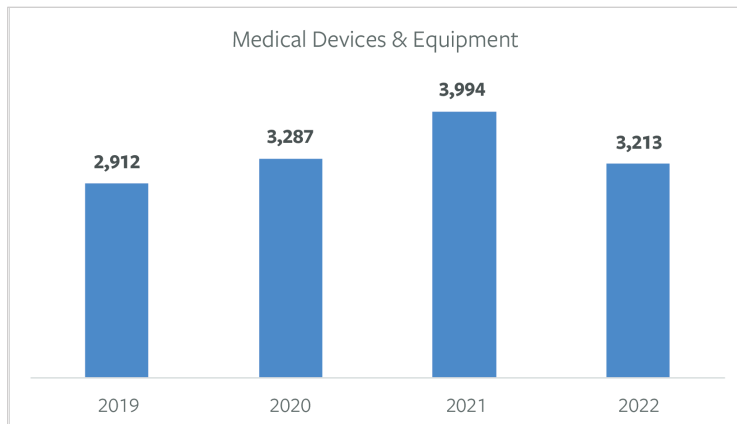
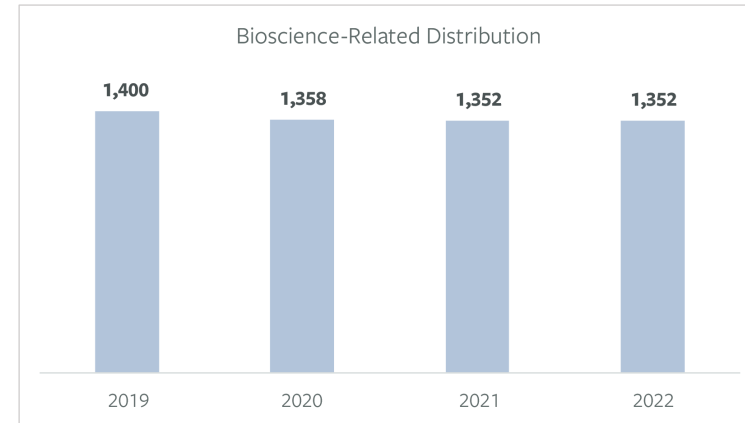
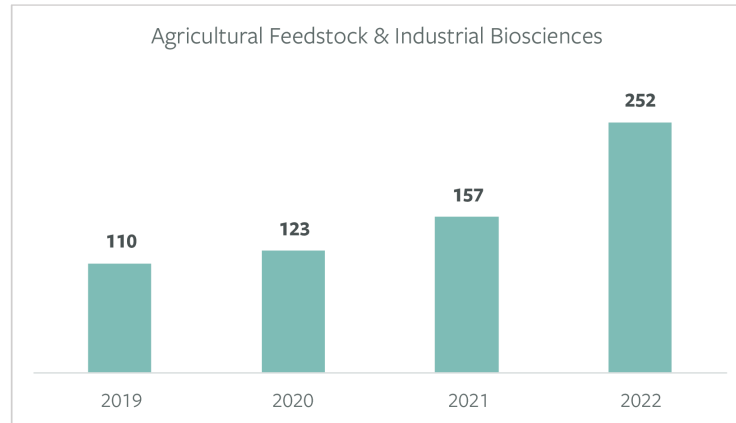
Degree Requirements



Experience Requirements



MD Life Sciences Industry Subsectors: Job Posting Trends, 2019-22



This report is organized across the following trends and themes emerging from the assessment:



Rapid growth and hiring continues, fueling intense competition for talent with implications for corporate costs, recruitment and hiring.



High-demand skills and subject matter expertise continue to evolve—strong growth in production, technician and key STEM roles increasingly driven by industrial automation, AI, data sciences, other technology investments.



A strong commitment to advancing DEI remains and is maturing.



Industry-Academic partnerships remain a cornerstone of targeted talent solutions but must evolve and deepen to tackle outsized demand.



Remote and hybrid work here to stay—creating a “push-pull” dynamic between employers and employees

To access the complete national report, visit <https://www.csbioinstitutes.org>

Source Notes: For a detailed definition of the industries included in each of the major life sciences industry subsectors, see the Appendix to the full national report. The data presented in this state fact sheet represent TEconomy Partners' analysis of the Lightcast Job Posting Analytics database in Q1 of 2023 for the detailed industries included in TEconomy's NAICS-based definition of the life sciences industry.

