

The Ohio Life Sciences Report

Report Highlights

Ohio's life sciences industry continues its strong history of innovation and discovery, with over 4,260 organizations manufacturing & distributing products, providing essential services, or researching the next breakthrough at more than 5,120 facilities in the state.

Life Sciences Subsectors in Ohio

- Agricultural Biotechnology
- Medical and Testing Laboratories
- Medical Devices & Equipment
- Medical Product Distribution
- Pharmaceuticals & Therapeutics
- Research & Development

Life sciences employs nearly 83,700 people in Ohio at companies ranging from well known brands such as Abbott, AstraZeneca, Battelle, Cardinal Health, Johnson & Johnson, NuVasive, and Quidel, to new and growing companies including Alkermes, AmplifyBio, Andelyn Biosciences, AtriCure, Axogen, Clarametix Biosciences, Enable Injections, Forge Biologics, and Lazurite.

Life sciences sector jobs in Ohio pay an average wage of \$84,600, encompassing a wide variety of occupations. In comparison, the average wage for all industries in Ohio in 2019 was \$50,502.

The industry's economic impact is felt throughout the state, with life sciences-related companies found in 83 of 88 Ohio counties.

Life sciences companies continue to expand operations and announce new facilities in the state. From 2020 through May of 2022, companies announced 77 projects expected to create over 7,350 jobs with capital expenditures of \$2 billion.

American Nitrile, Amgen, AmerisourceBergen, Axuall, Charles River Laboratories, Expression Therapeutics, GOJO, McKesson, Sarepta Therapeutics, SPR Therapeutics, and STAQ Pharma are all among the many companies growing in Ohio.


Ohio's life sciences companies attracted \$3.5 billion in funding in 2021, from sources including venture capital & angel investment, exits, federal research grants, and state initiatives.



Ohio Life Sciences
Foundation

Life Sciences Economic Impact

83,693
EMPLOYEES




4,262
COMPANIES




5,124
LOCATIONS



AVERAGE WAGE
\$84,600



ANNUAL PAYROLL
\$7.1B





Ohio life sciences-related companies announced \$1.3 billion in private investment in 2021. This is the highest amount recorded since OLSF began tracking deals in 2004. Exit activity in the state remained strong in 2021, totaling \$1.1 billion.

Ohio-based institutions and companies received \$965 million from the National Institutes of Health in 2021, well ahead of the U.S. average of \$718 million.

Life sciences education continues to thrive in our state. In 2020, 11,179 life sciences-related degrees and certificates were awarded to students in Ohio, an increase of 65% since OLSF began tracking in 2006.

Beyond the Numbers

Data presented in this report, including venture investment, wages, research funding, business expansions, graduation statistics, and new company growth, serve as a gauge of the industry. These figures, however, simply illustrate the mechanisms behind the companies and organizations. The work being done by Ohio's life sciences community is so much more important than any of these metrics can convey.

Ohioans are fighting COVID-19, curing debilitating pediatric diseases, creating less invasive surgical tools, formulating cleaner biofuels, programming highly accurate diagnostic imaging techniques, improving the quality and yield of crops, streamlining healthcare provider processes to reduce patient costs, and personalizing medication delivery for individual patients.

These are just a few examples of what Ohio's life sciences community is doing each day across the state.

Want to learn more?

Contact OLSF to connect with resources and subject matter experts.

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Download the full report at [OhioLifeSciences.org](https://www.ohiolifesciences.org)

Ohio Life Sciences Fact Sheet

Direct Employment Economic Indicators (2019)

83,693 Employees

4,262 Companies

5,124 Locations

\$84,600 Average Wage

\$7.1 B Annual Payroll

New Facilities & Expansions (2020 - Present)

7,350 Projected New Jobs

\$2 B Planned Investment

Life Sciences Funding (2021)

\$965 M National Institutes of Health

\$78 M National Science Foundation BIO Awards

\$11 M Small Business Innovation Research & Tech Transfer

\$33 M Congressionally Directed Medical Research Program (2020)

\$22 M Ohio Third Frontier

\$1.3 B Private Investment

\$1.1 B Exits (Acquisitions, Licensing, Public Offerings)

Research & Education

5,429 Clinical Trials active or recruiting in Ohio in 2022

11,179 Life Sciences Degrees & Certificates awarded in 2020