

2,100
COMPANIES

30K
PEOPLE

\$4.77
BILLION
IN GDP

\$6.5
BILLION
REVENUE
ANNUALLY

\$9.22
BILLION
TOTAL
OUTPUT



Alberta's Life Sciences Sector

A Growing Hub for Health Innovation in Western Canada

Alberta, a province in Western Canada, is home to a dynamic and expanding life sciences sector. While traditionally known for its energy industry, Alberta has been steadily building a reputation as a center for health innovation — supported by strong research institutions, a highly educated workforce, and a collaborative business environment.

Sector Overview

SCOPE: Alberta's life sciences sector includes companies working in biotechnology, medical technology, and diagnostics — serving both human and animal health needs.

SIZE: The sector comprises an estimated 1,600 to 2,100 companies, employing 22,000 to 30,000 people.

ECONOMIC CONTRIBUTION:

It generates between \$4.8 and \$6.5 billion in annual revenue, with a broader economic impact of \$9.22 billion in total output, \$4.77 billion in GDP, and \$1.012 billion in government revenue.



Why It Matters

Alberta's life sciences sector offers a compelling mix of research strength, entrepreneurial energy, and economic potential. For global investors, collaborators, and policy leaders, Alberta represents an opportunity to engage early in a region that is poised for significant growth in health innovation.

For more information, visit us at: bioalberta.com

Sector Characteristics and Trends

STAGE OF DEVELOPMENT:

Most companies are in the emerging or growth phase, indicating a sector that is still maturing but showing strong momentum.

REVENUE SOURCES:

While many firms generate revenue locally, there is growing engagement with national and U.S. markets — suggesting potential for international expansion.

WORKFORCE:

The sector benefits from a highly educated talent pool, with most employees holding at least a bachelor's degree.

Innovation and Investment Landscape

R&D AND FUNDING:

Companies typically have about 12 months of funding runway for research and development, relying heavily on government programs, founder equity, and angel investors.

TECHNOLOGY FOCUS:

There is a strong emphasis on digital transformation and AI-driven product development, reflecting global trends in life sciences innovation.

GROWTH ENABLERS:

Access to skilled talent, sustainable funding, and a supportive regulatory environment are seen as essential for continued growth.

Learn more at bioalberta.com