LIFE SCIENCE TREND ANALYSIS

CANADA | 2025

BIOTECH GATE
BUSINESS DEVELOPMENT DATABASE

VENTURE VALUATION
GLOBAL VALUATION SERVICES

MONTRÉAL INVIVO

2024 ANALYSIS

ABOUT US

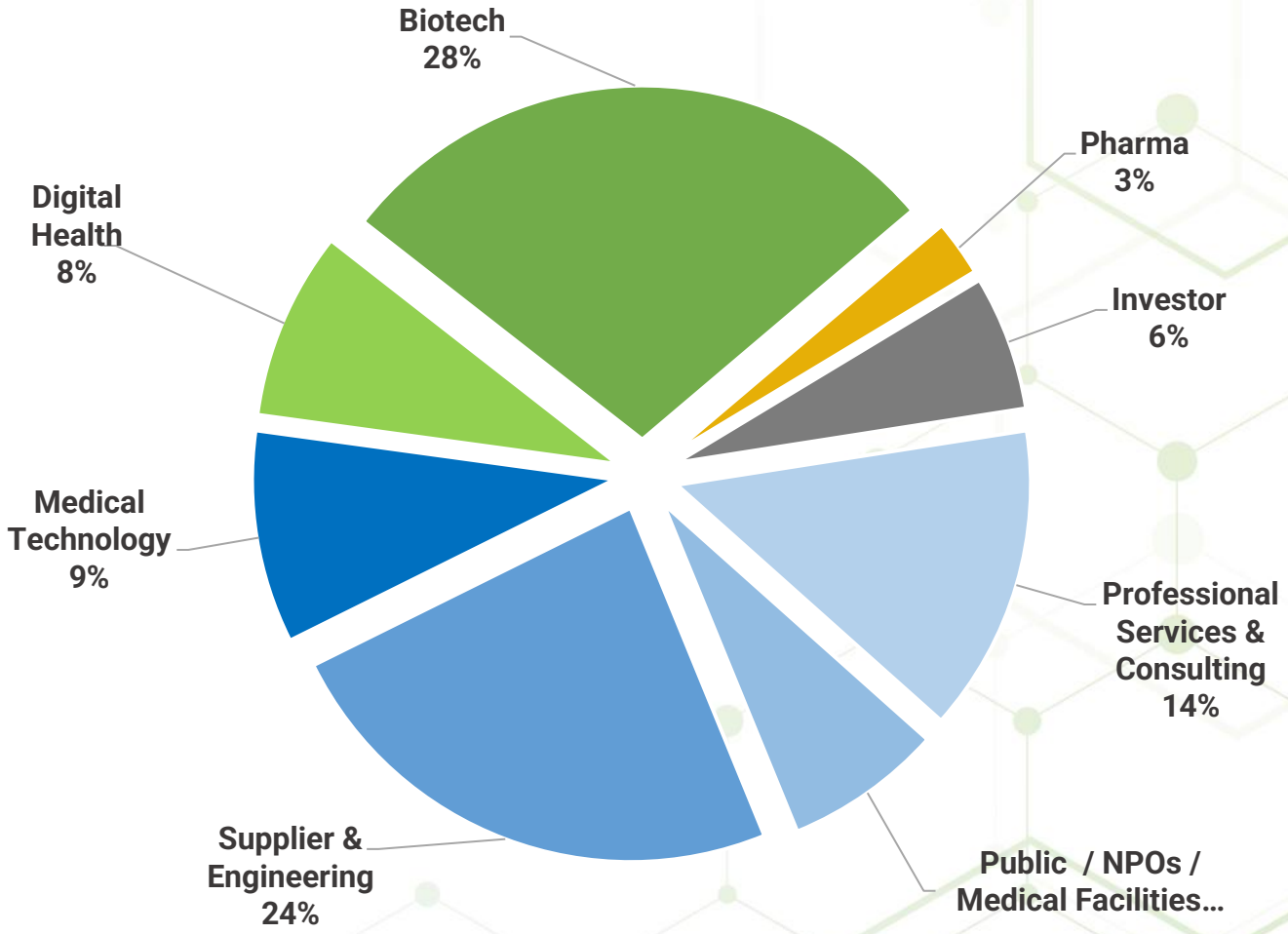
The following statistical information has been obtained from Biotechgate. Biotechgate is a global, comprehensive Life Sciences database encompassing the Biotechnology, Pharmaceutical and Medical Device industries.
www.biotechgate.com

The Canadian Life Sciences Database is a part of the global Biotechgate and is brought to you in partnership with Montréal InVivo.
www.canadianlifesciences.com

Biotechgate is owned and operated by Venture Valuation AG, a Zurich based company specializing in independent assessment and valuation of technology-driven companies in high growth industries, such as the Life Sciences (Biotech, Pharma, Medtech), ICT, high-tech, Nanotech, Cleantech and Renewable energy.
www.venturevaluation.com

OVERVIEW OF THE LIFE SCIENCE INDUSTRY

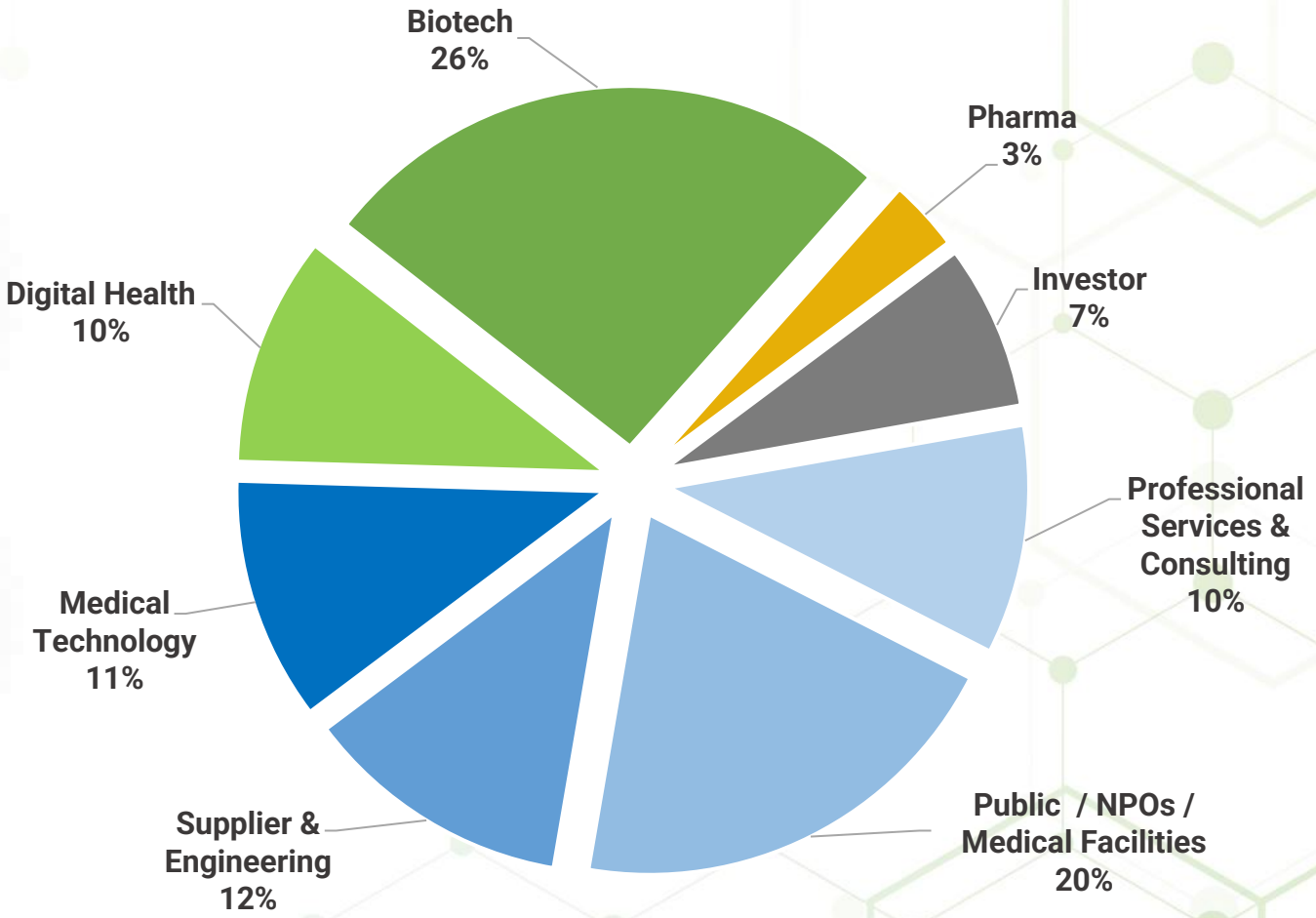
NUMBER OF COMPANIES BY SECTOR



For the definition of categories please visit www.biotechgate.com/web/cms/index.php/covered_industry_sectors.html. Biotech Companies include the following categories: Biotechnology – Therapeutics and Diagnostics; Biotechnology – R&D; Biotechnology – Other. *Other life science related companies include supplier & engineering, professional services & consulting, media and public / non-profit organizations / medical facilities. Professional services & consulting includes 10 companies of the category "Media". Percentage value is expressed as % of total number of companies. Information displayed may alter as new information is received continuously

OVERVIEW OF THE LIFE SCIENCE INDUSTRY

NUMBER OF COMPANIES IN **ONTARIO** BY SECTOR



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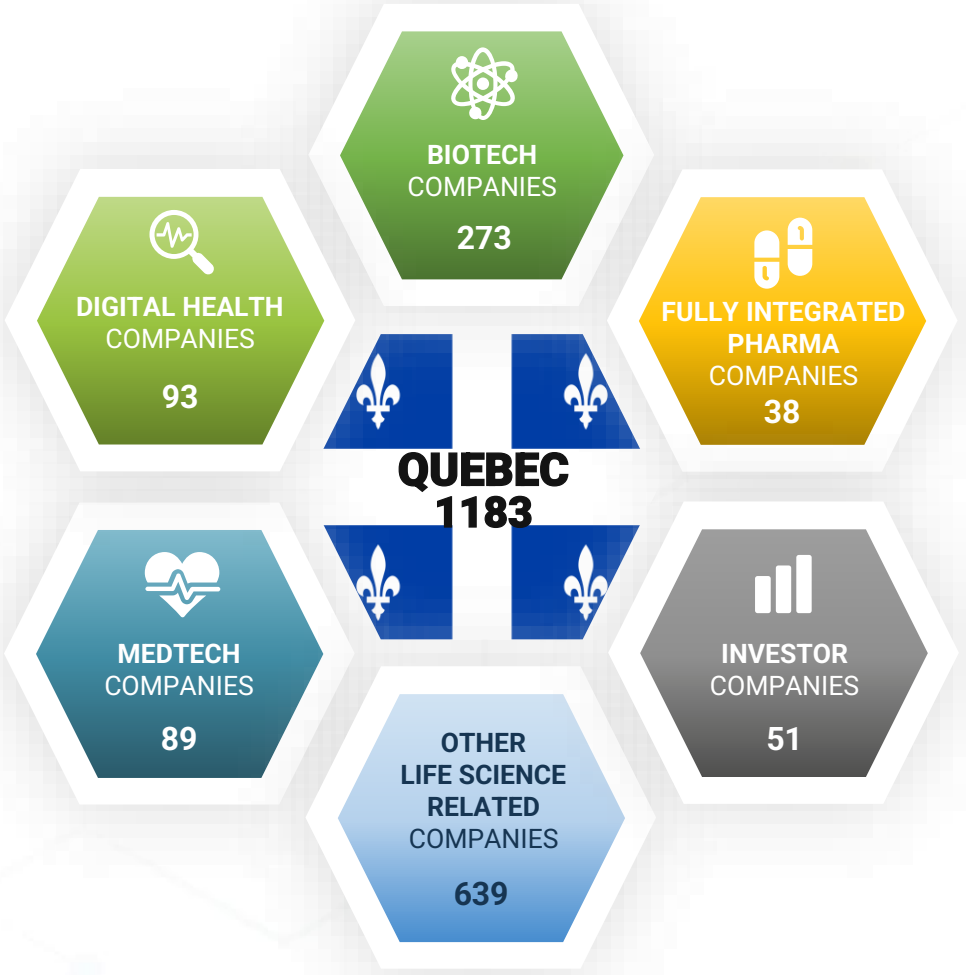
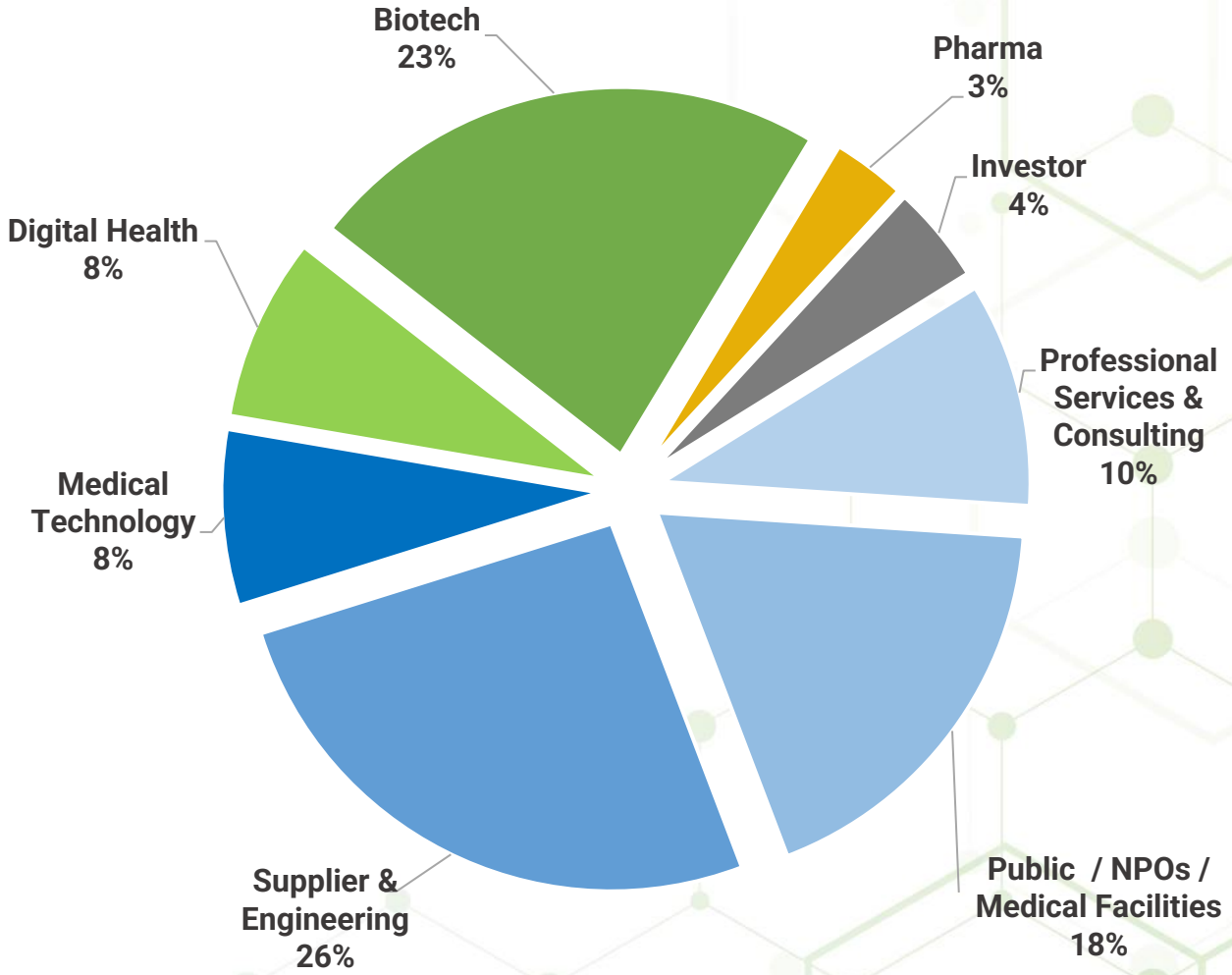
OVERVIEW OF THE LIFE SCIENCE INDUSTRY

NUMBER OF COMPANIES IN **QUEBEC** BY SECTOR





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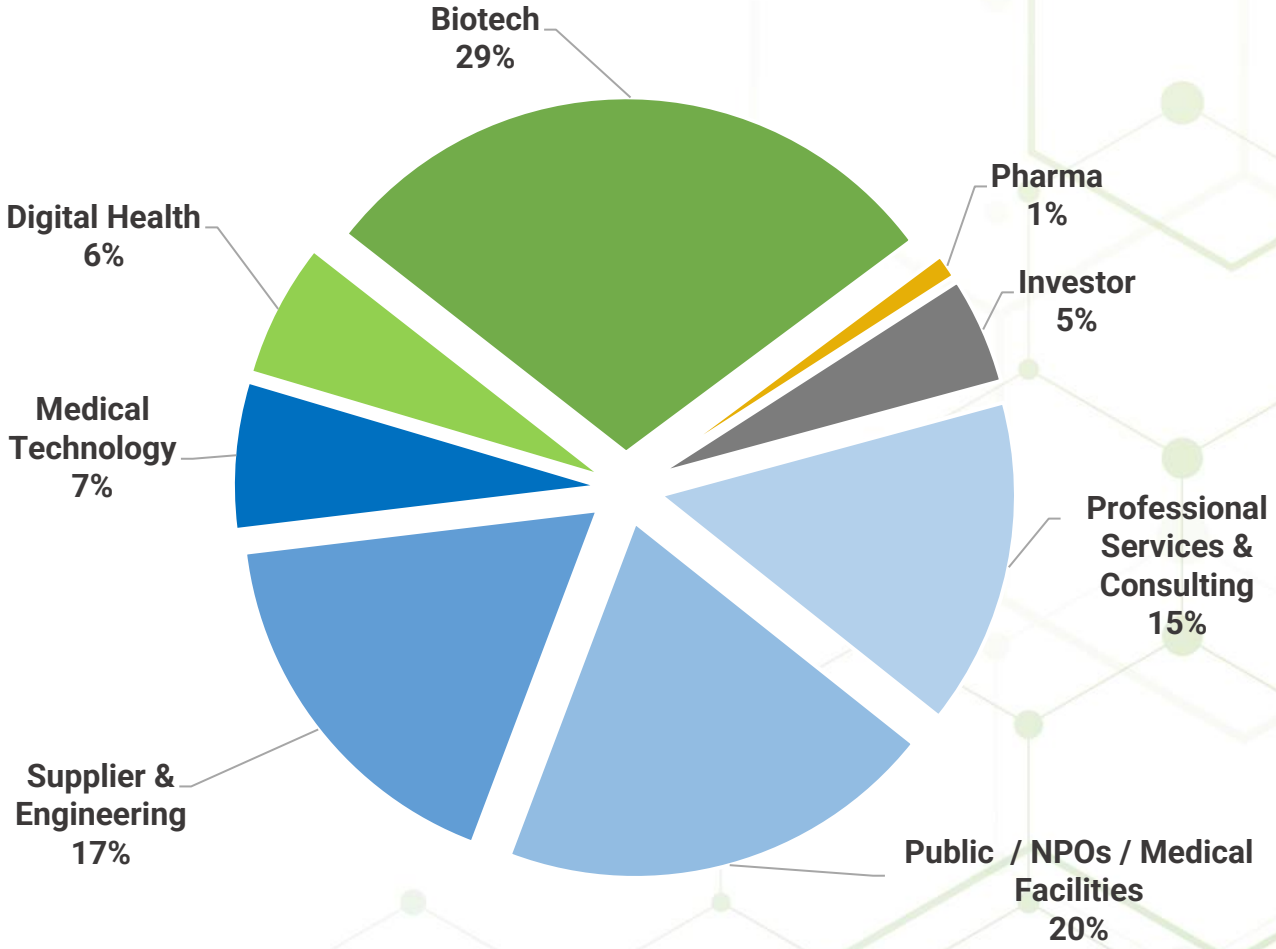
OVERVIEW OF THE LIFE SCIENCE INDUSTRY

NUMBER OF COMPANIES IN **ALBERTA** BY SECTOR



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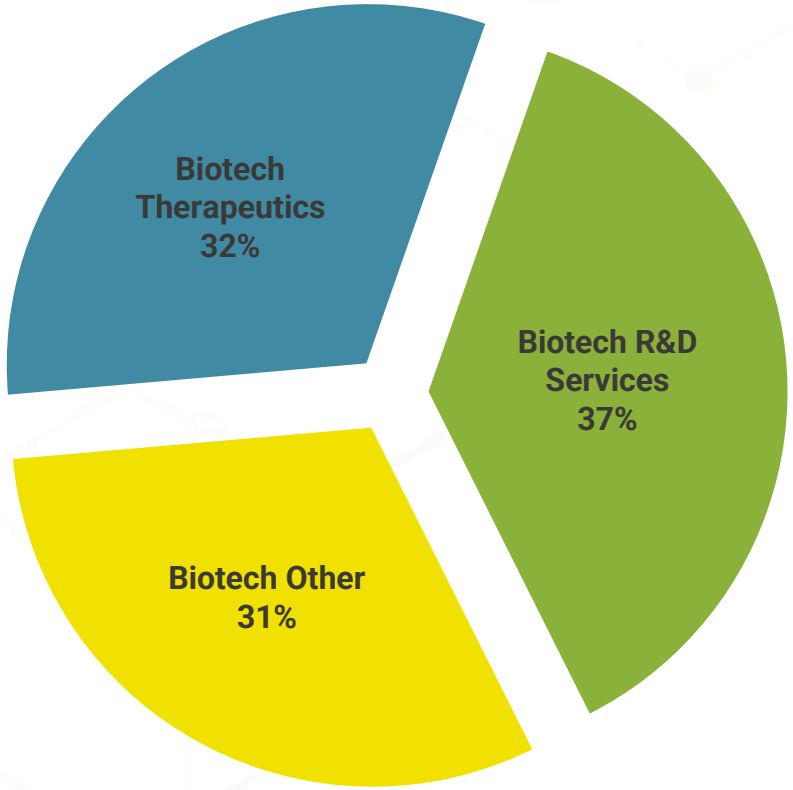
OVERVIEW OF BIOTECH COMPANIES

NUMBER OF COMPANIES BY SECTOR (CANADA)



• BIOTECH •
THERAPEUTICS
340

BIOTECH COMPANIES
1071

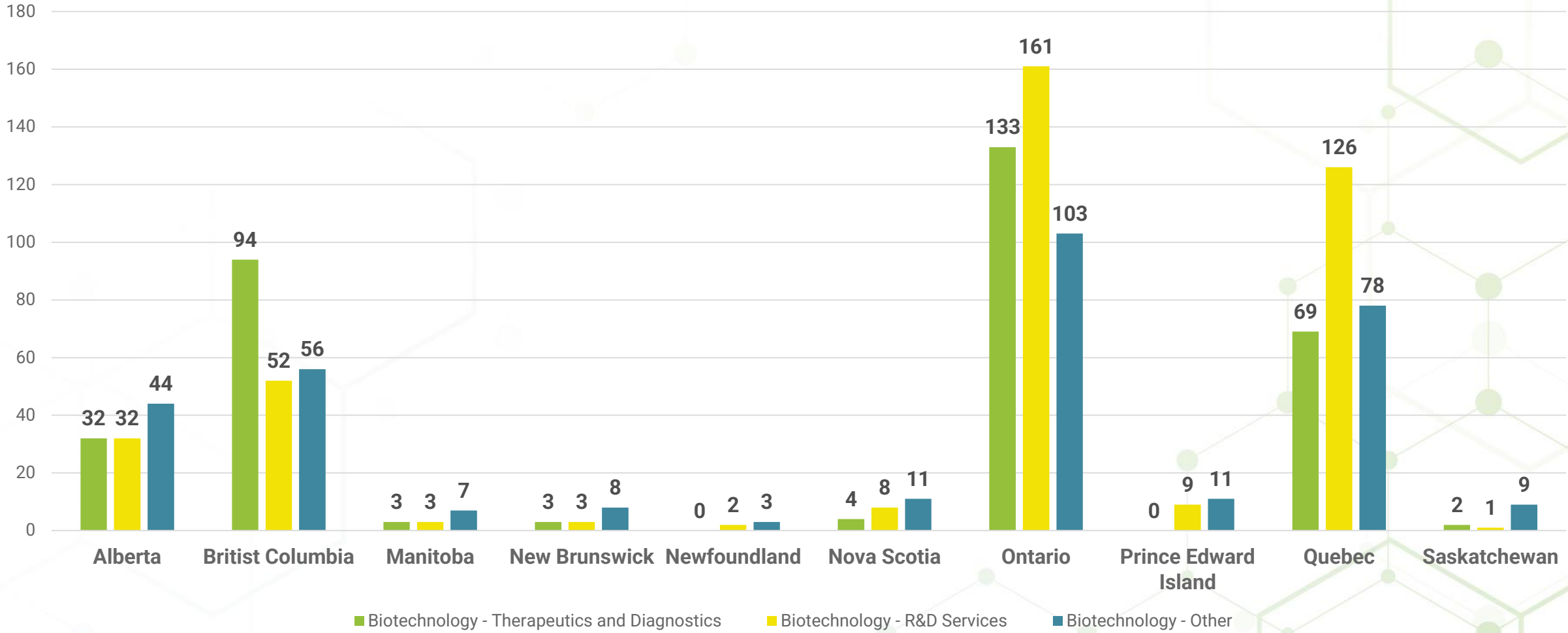
• BIOTECH •
R&D SERVICES
399

• BIOTECH •
OTHER
332

For the definition of categories please visit www.biotechgate.com/web/cms/index.php/covered_industry_sectors.html. Biotech Therapeutics category equals to Biotech Therapeutics and Diagnostics. Percentage value is expressed as % of total number of biotechnology companies including Biotech - Therapeutics and Diagnostics, Biotech - R&D Services and Biotech – Others. Information displayed may alter as new information is received continuously.

OVERVIEW OF BIOTECH COMPANIES

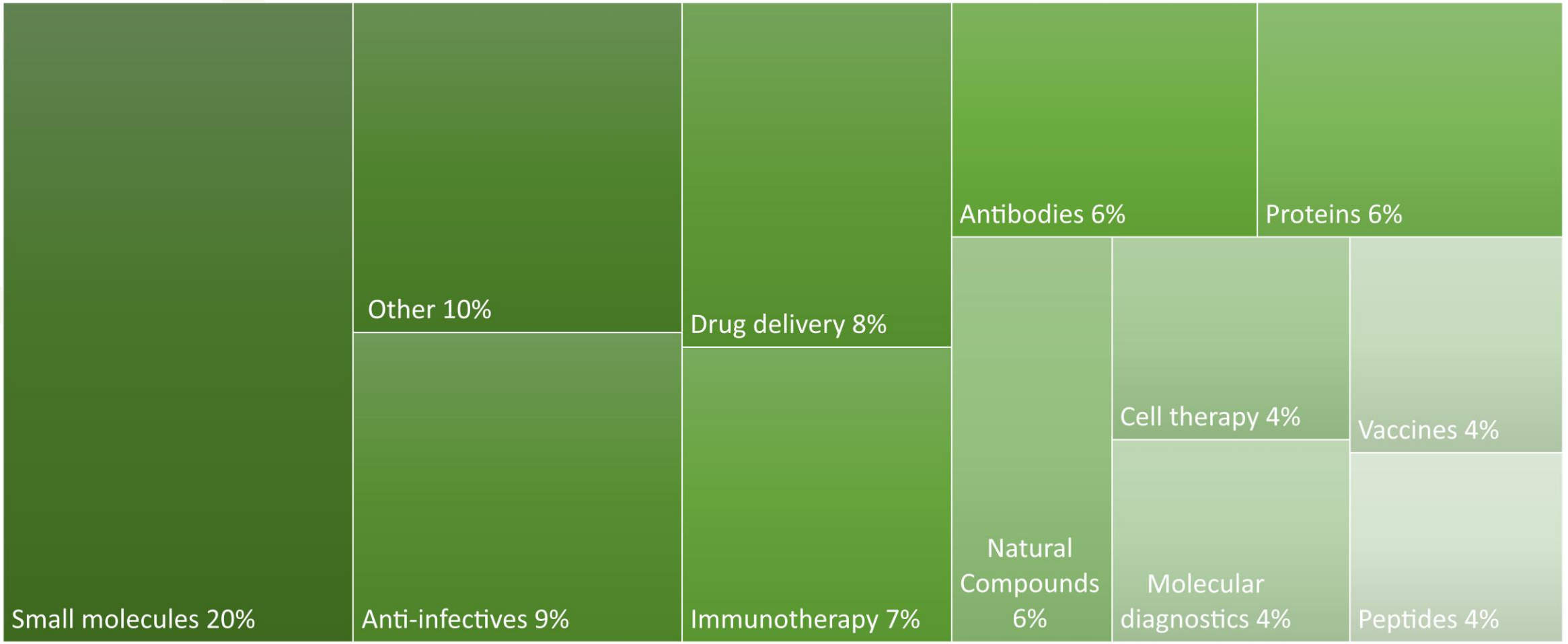
NUMBER OF COMPANIES FROM CANADIAN PROVINCES* BY SECTOR



For the definition of categories please visit www.biotechgate.com/web/cms/index.php/covered_industry_sectors.html. Percentage value is expressed as % of total number of biotechnology companies including Biotech - Therapeutics and Diagnostics, Biotech - R&D Services and Biotech – Others. Information displayed may alter as new information is received continuously. . *The provinces Northwest Territories, Nunavut, and Yukon are excluded from the graph as no companies are recorded there. Information displayed may alter as new information is received continuously.

BIOTECH - THERAPEUTICS COMPANIES BY KEY ACTIVITIES

AS PERCENTAGE OF TOTAL NUMBER OF BIOTECH - THERAPEUTICS COMPANIES

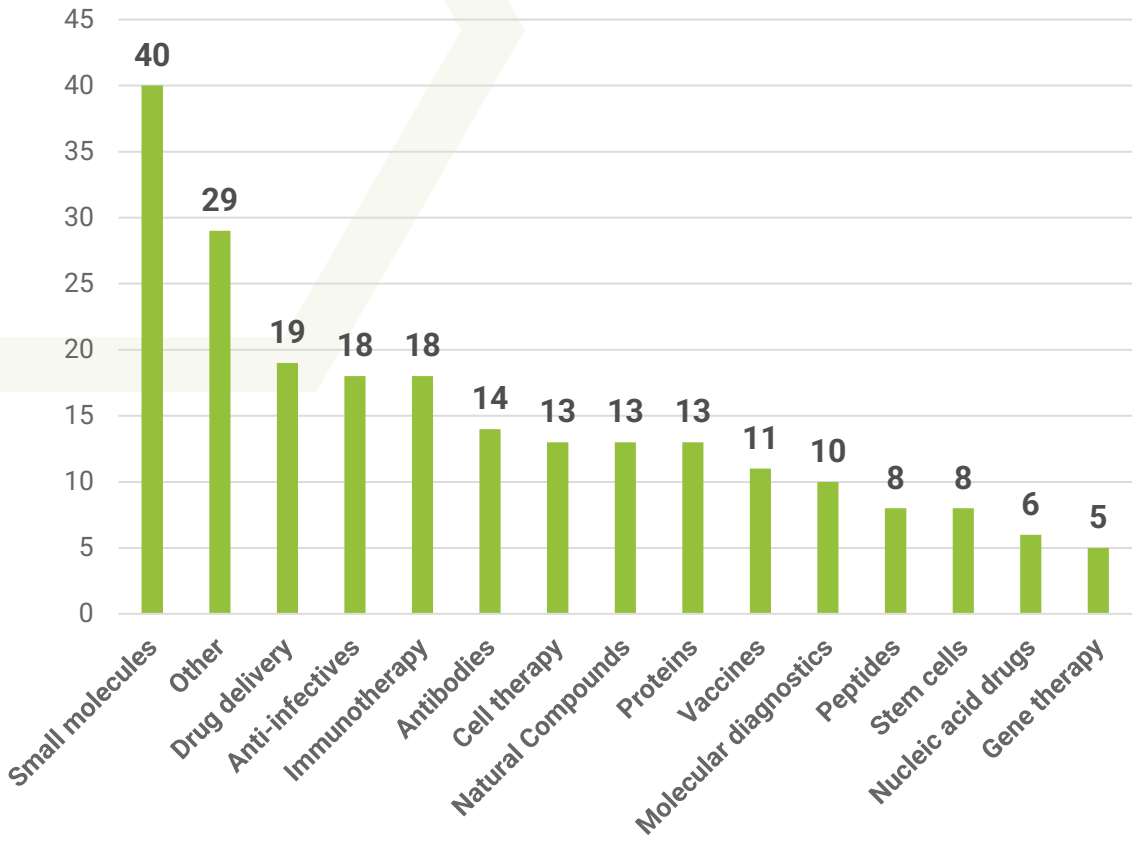


For **340** Biotech – Therapeutics and Diagnostics companies there were **606** subsectors (key activity areas) assigned (one biotech company can be active in multiple areas). The graph displays Biotech – Therapeutics and Diagnostics subsectors as the percentage of the total number of Biotech – Therapeutics and Diagnostics subsectors with exclusion of the category Others and subsectors with a percentage <2%. The company subsectors are regarded as the key activities of a company. For the definition of subsectors please visit www.biotechgate.com/web/cms/index.php/covered_industry_sectors.html. Information displayed may alter as new information is received continuously.

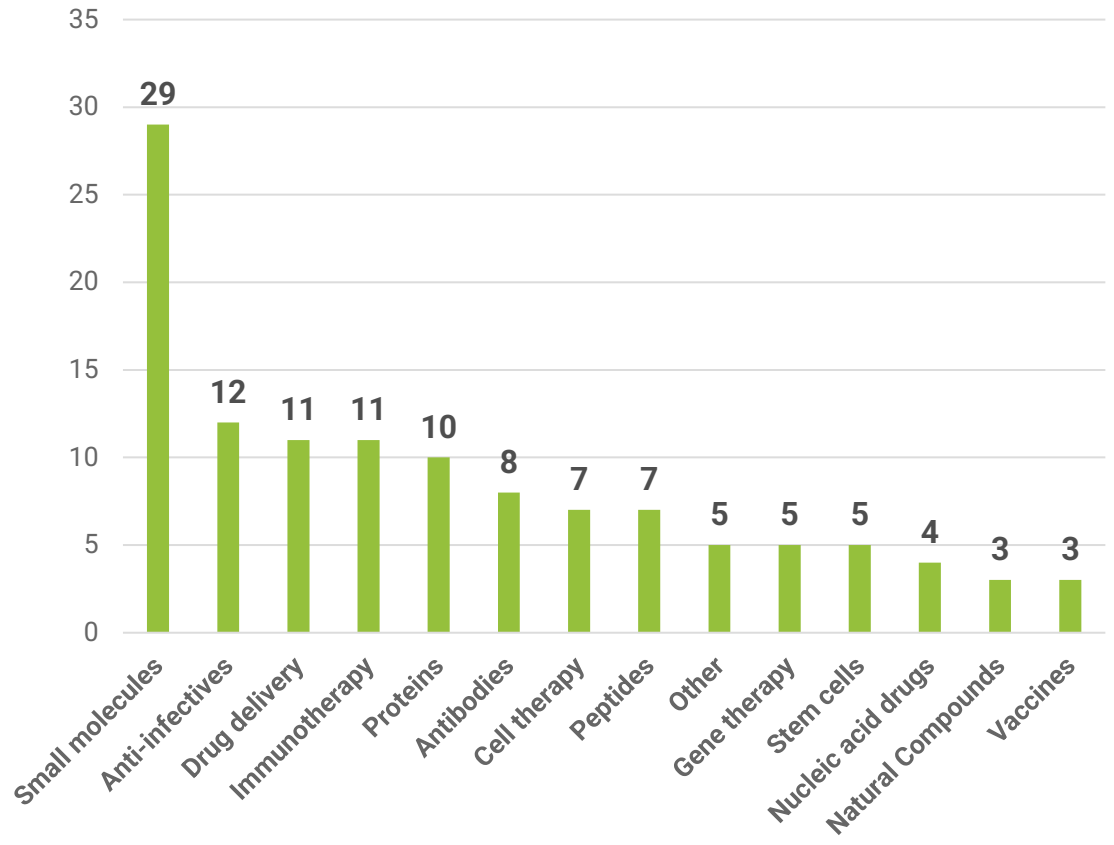
BIOTECH - THERAPEUTICS COMPANIES BY KEY ACTIVITIES

BY SELECTED PROVINCES

ONTARIO



QUEBEC

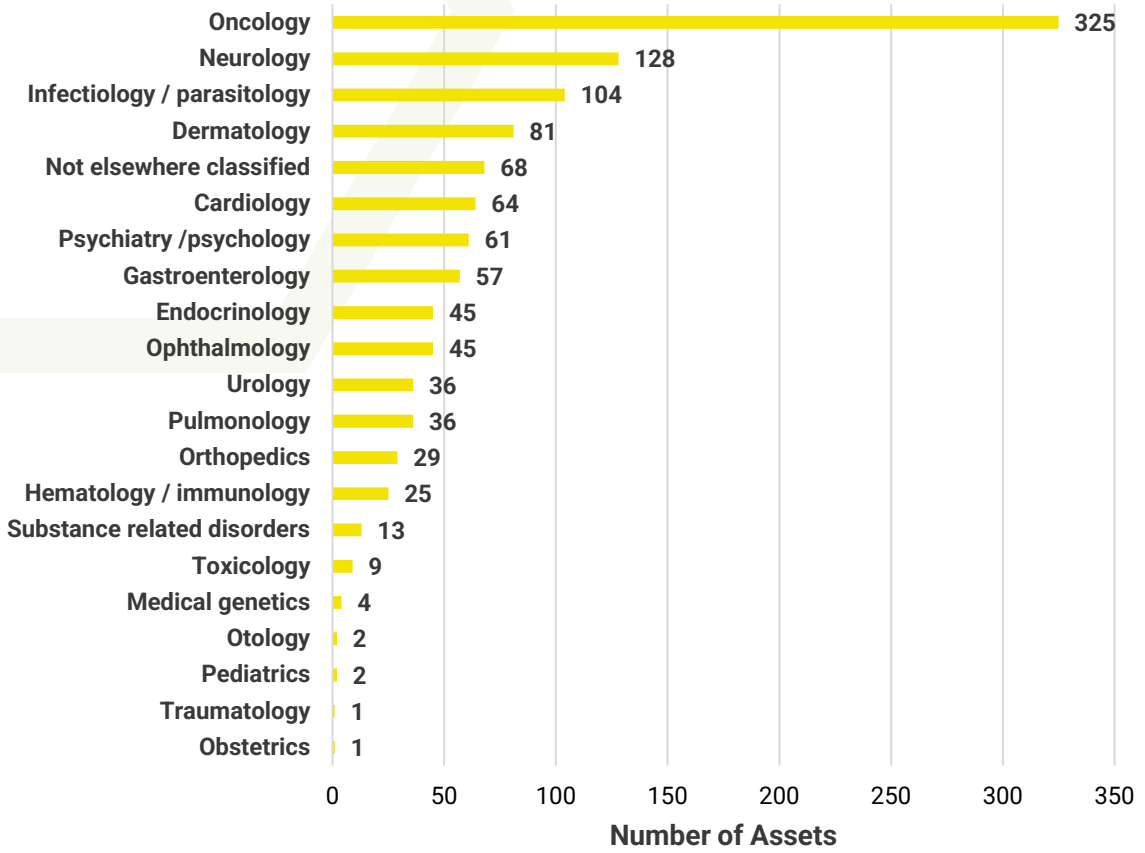


The graphs display the number of Biotech – Therapeutics and Diagnostics subsectors for each of the two selected provinces. The company subsectors are regarded as the key activities of a company. For the definition of subsectors please visit www.biotechgate.com/web/cms/index.php/covered_industry_sectors.html. Information displayed may alter as new information is received continuously.

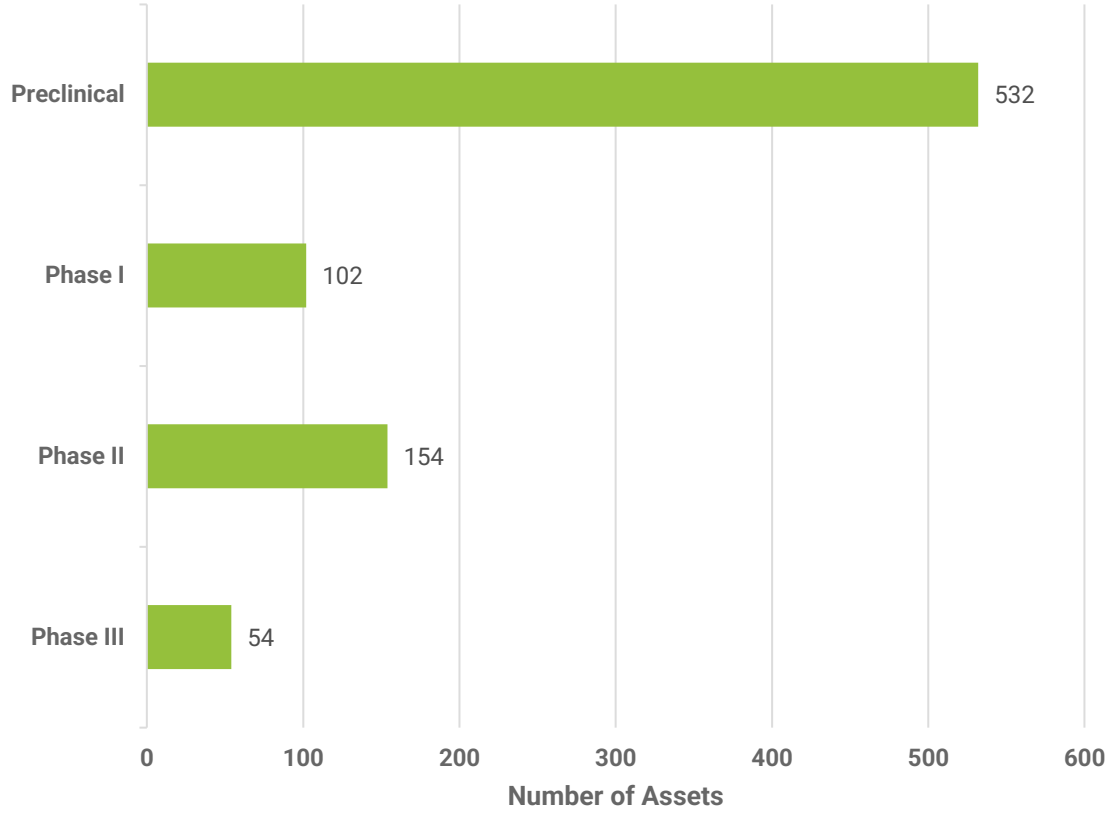
BIOTECH ASSETS IN CLINICAL DEVELOPMENT

BY INDICATION AND DEVELOPMENT PHASE

BREAKDOWN BY INDICATION



BREAKDOWN BY DEVELOPMENT PHASE

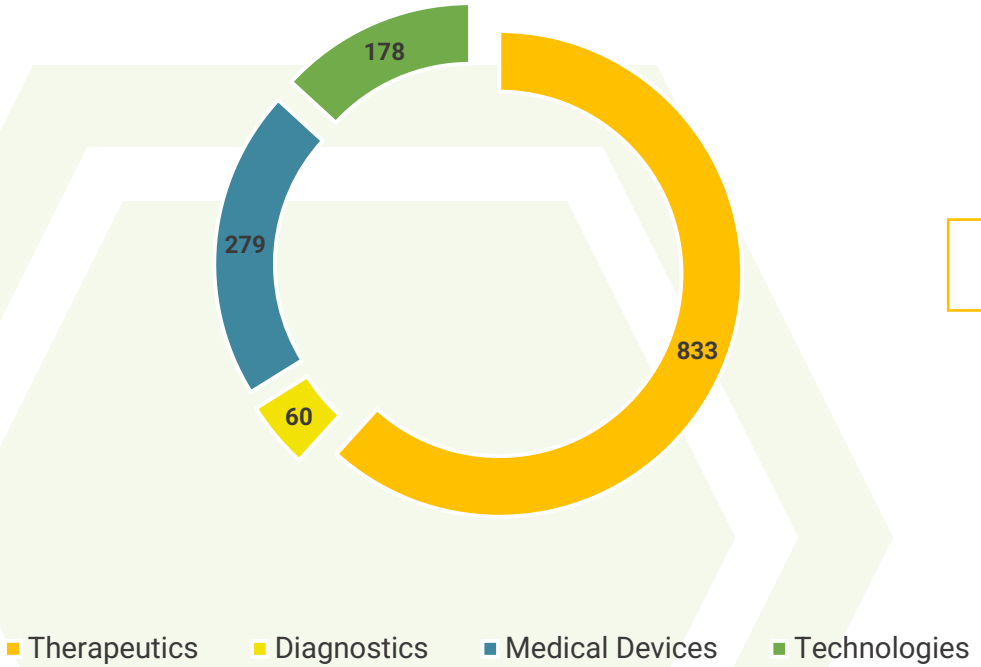


Both graphs contain the number of assets of Biotech – Therapeutics and Diagnostics companies (excl. of Pharma or Biotech – Others or Biotech R&D Services companies). Information displayed in the chart may alter as new information is received continuously

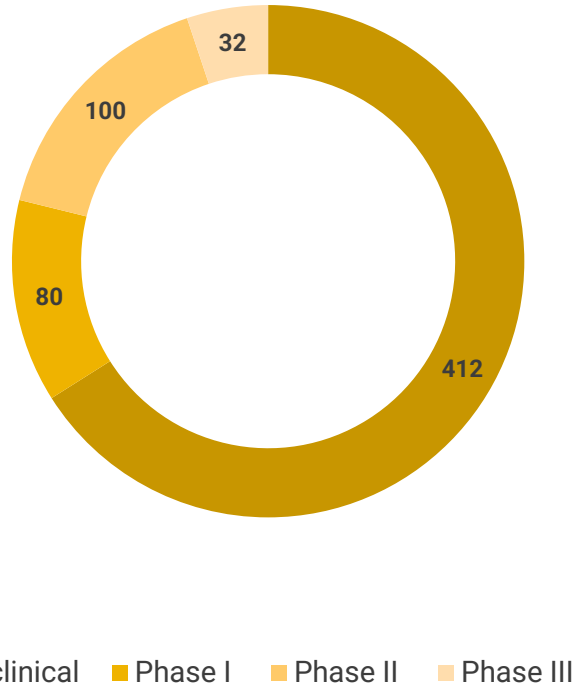
ASSETS AVAILABLE FOR OUT-LICENSING

NUMBER OF ASSETS

BY ASSET CLASS



THERAPEUTICS IN DEVELOPMENT BY DEVELOPMENT PHASE

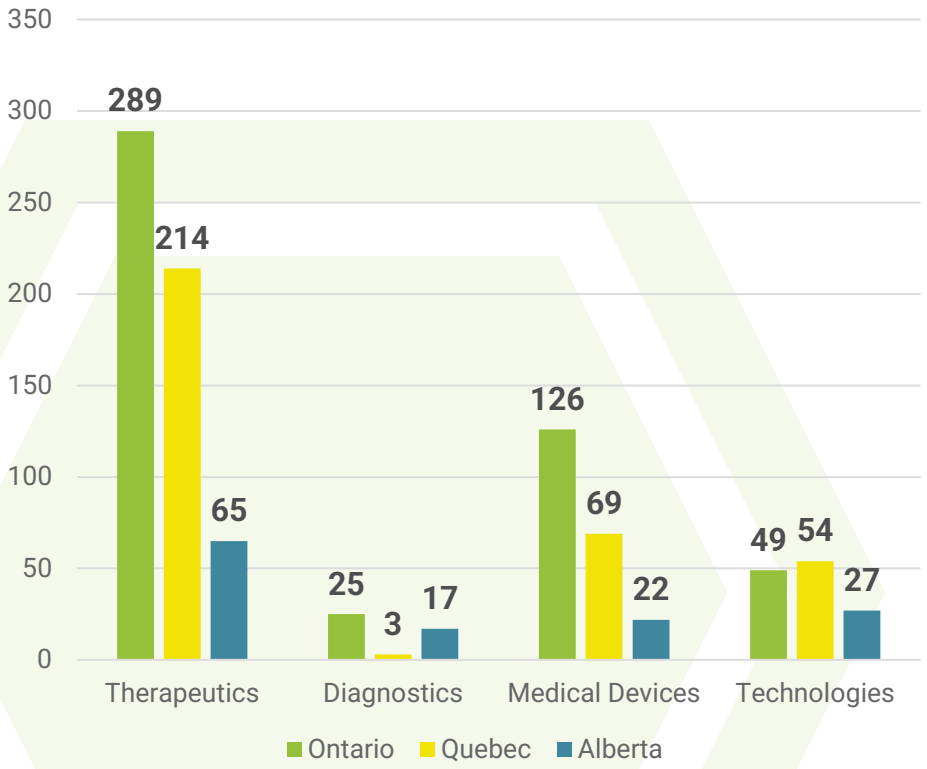


The graph titled Therapeutics in Development by Development Phase displays a subset of the asset class “Therapeutics”. Products in Discovery and Lead Optimization Phase are merged into Preclinical; Development Phase I/II trials are merged into Phase II and Phase II/III trials are merged into Phase III category.

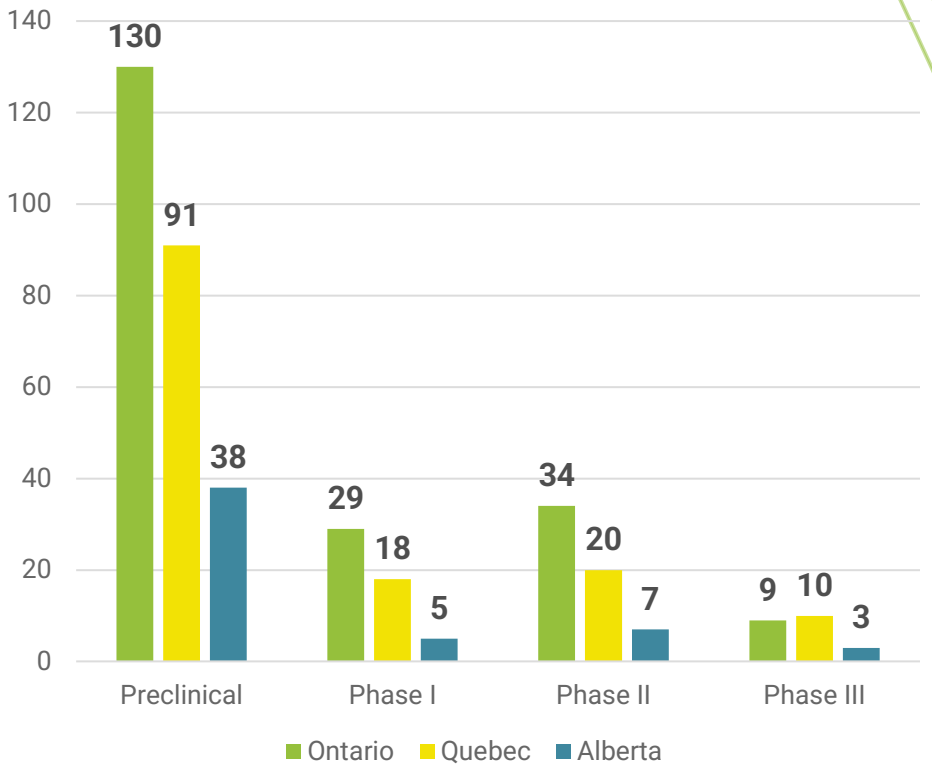
ASSETS AVAILABLE FOR OUT-LICENSING

NUMBER OF ASSETS BY SELECTED PROVINCES

BY ASSET CLASS



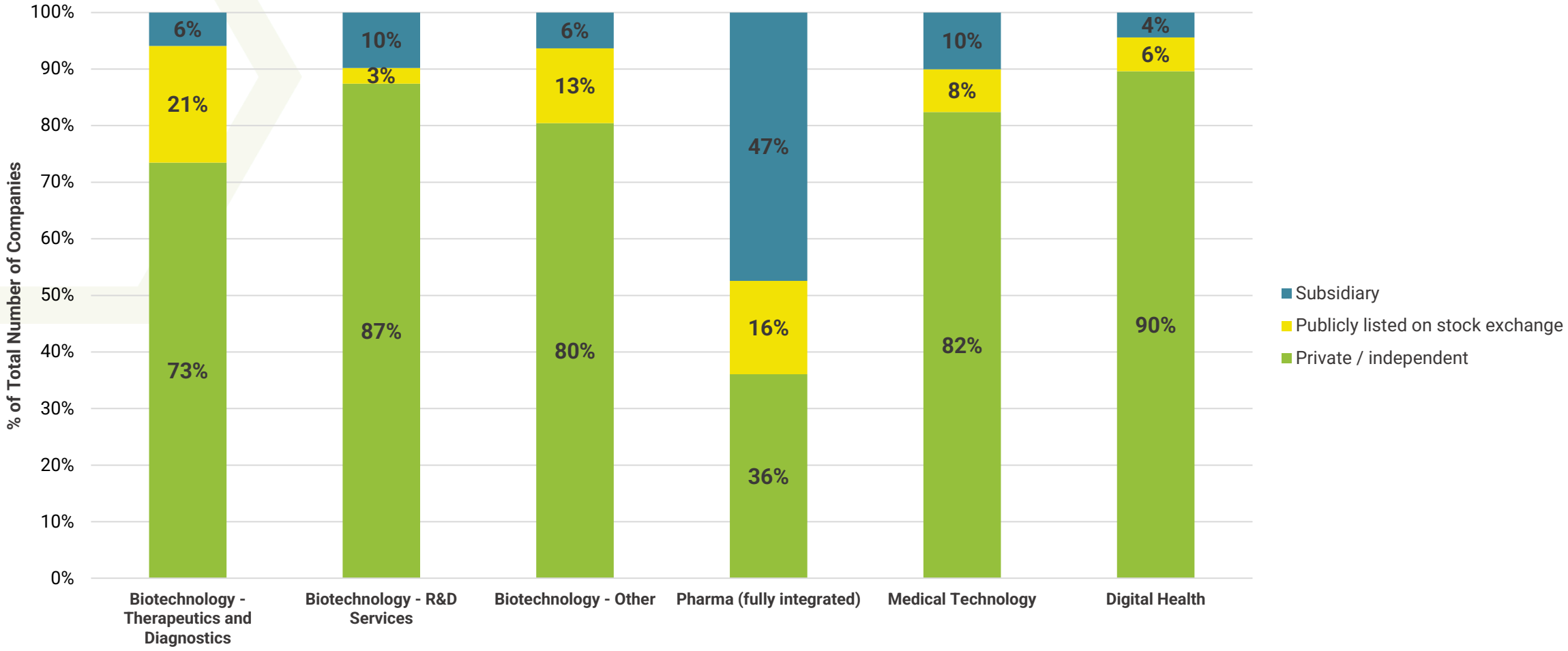
THERAPEUTICS IN DEVELOPMENT BY DEVELOPMENT PHASE



The graph titled Therapeutics in Development by Development Phase displays a subset of the asset class Therapeutics. Products in Discovery and Lead Optimization Phase are merged into Preclinical; Development Phase I/II trials are merged into Phase II and Phase II/III trials are merged into Phase III category.

OVERVIEW OF OWNERSHIP

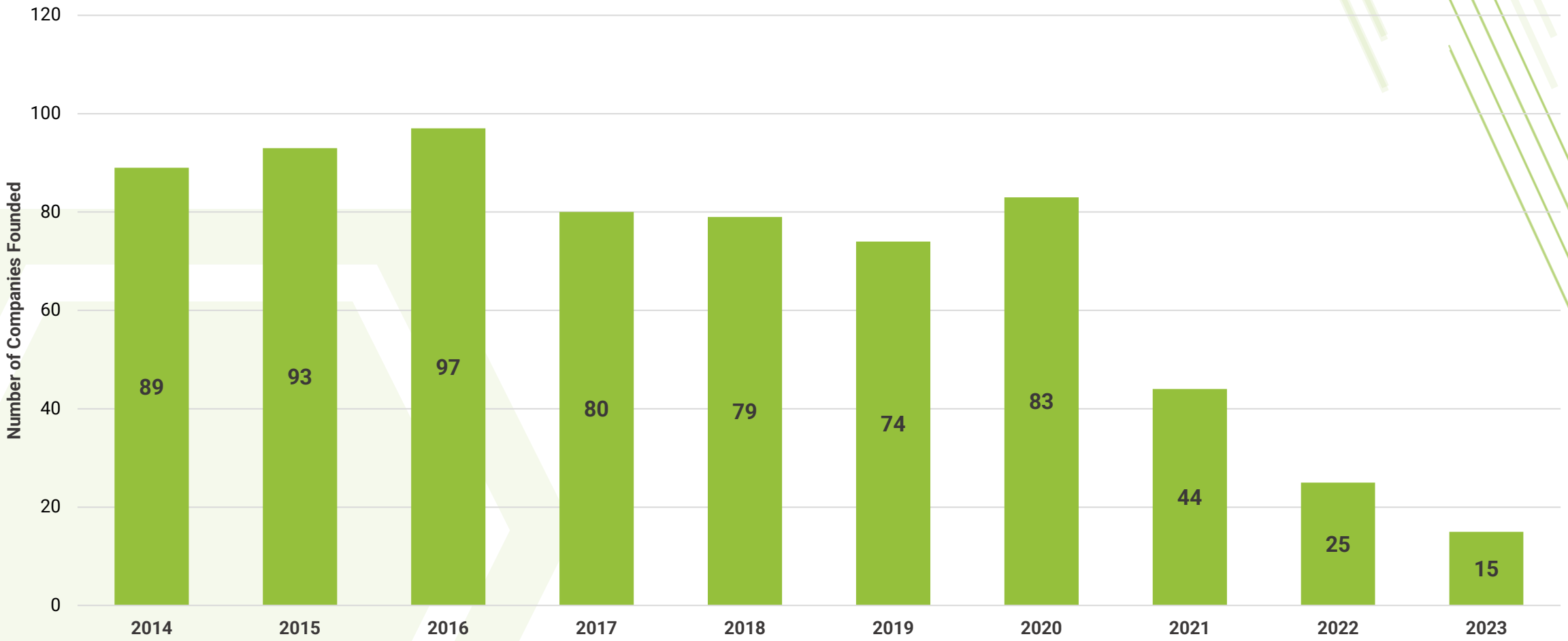
PERCENTAGE OF TOTAL NUMBER OF COMPANIES BY OWNERSHIP AND SECTOR



For the definition of categories please visit www.biotechgate.com/web/cms/index.php/covered_industry_sectors.html. Biotech T&D stands for Biotech Therapeutics and Diagnostics. Percentage value is expressed as % of total number of companies in the sector. Information displayed may alter as new information is received continuously.

COMPANY FOUNDATION TIMELINE

NUMBER OF LIFE SCIENCE COMPANIES FOUNDED BY YEAR | 2014-2023

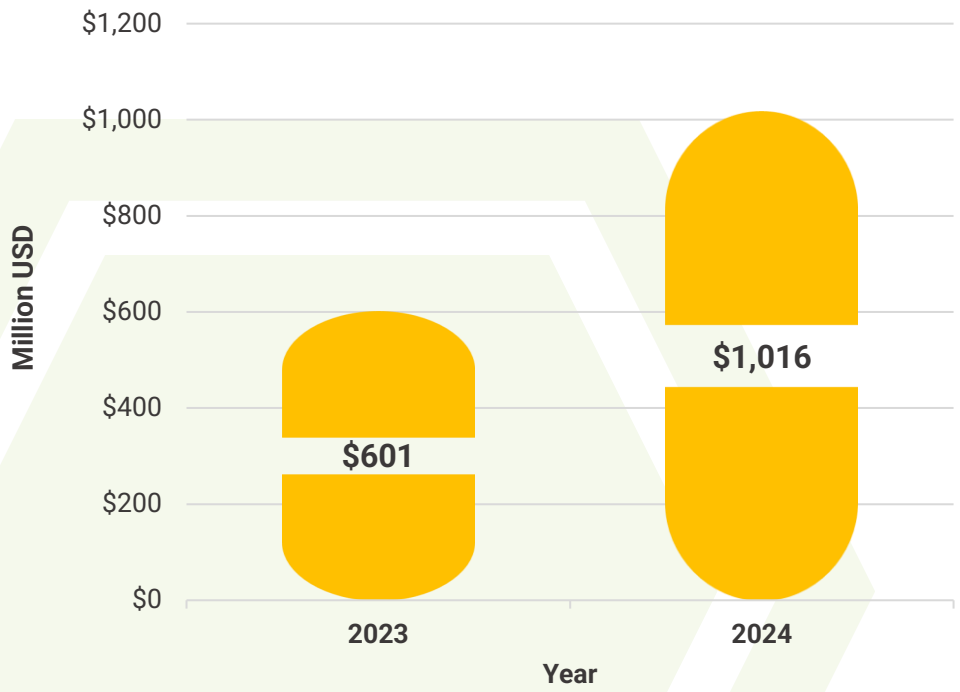


The graph contains the number of privately owned or publicly listed (no subsidiaries) life science companies founded by year including Biotech - Therapeutic and Diagnostic, Biotech - R&D Services, Biotech – Others, Pharma, Medical Technology and Digital Health companies. **Companies founded in 2024 were excluded** since newly founded companies often remain under the radar until their first financing round. Information displayed in the chart may alter as new information is received continuously.

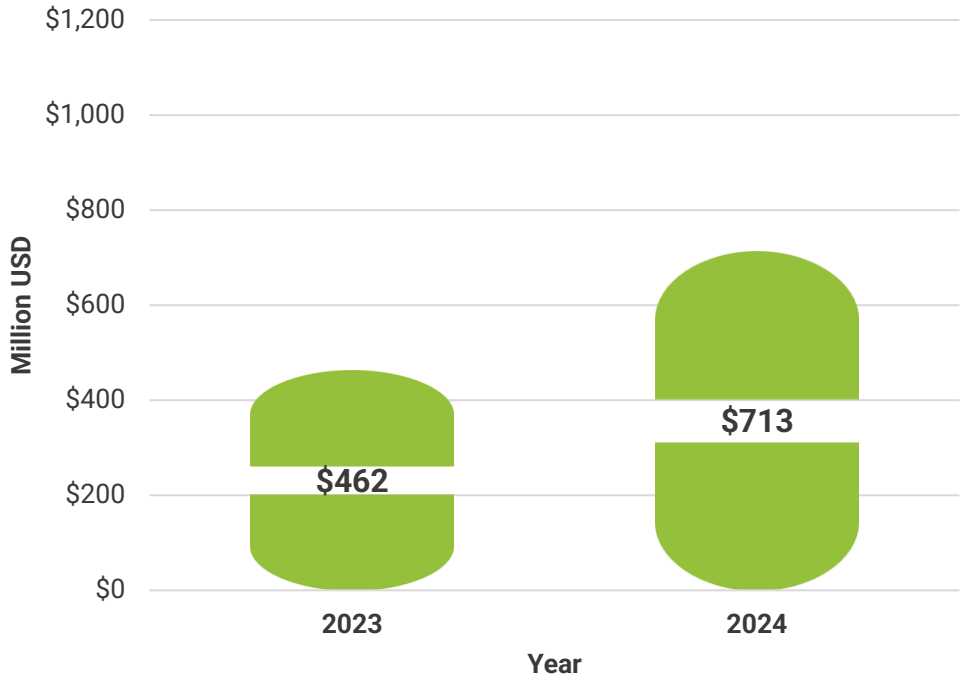
VENTURE FINANCING OF LIFE SCIENCE COMPANIES

PRIVATE EQUITY ROUNDS | 2023-2024

LIFE SCIENCE COMPANIES



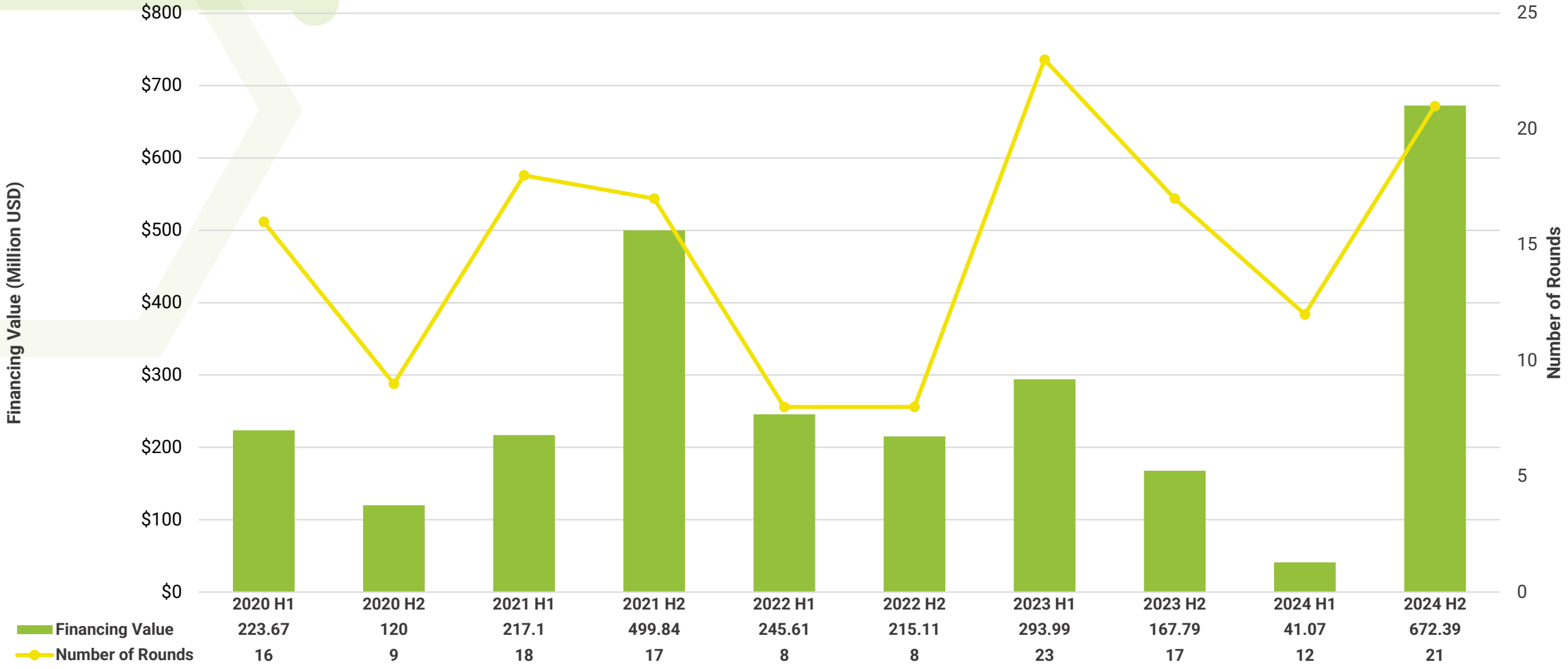
BIOTECH COMPANIES



Life Science companies include Biotech - Therapeutics and Diagnostics, Biotech - R&D Services, Biotech – Others, Pharma, Medical Technology and Digital Health companies. Biotech companies are a subset of Life Science companies and include: Biotech - Therapeutics and Diagnostics, Biotech - R&D Services, Biotech – Others. Financing data only includes private equity rounds (excl. private placements in public companies). Data may alter as new information is continuously received and/or new tranches to existing financing rounds are added.

BIOTECH VENTURE FINANCING

PRIVATE EQUITY ROUNDS – 5 YEAR REPORT



	2020 H1	2020 H2	2021 H1	2021 H2	2022 H1	2022 H2	2023 H1	2023 H2	2024 H1	2024 H2
Financing Value	223.67	120	217.1	499.84	245.61	215.11	293.99	167.79	41.07	672.39
Number of Rounds	16	9	18	17	8	8	23	17	12	21

Biotech companies are a subset of Life Science companies and include: Biotech - Therapeutic and Diagnostic, Biotech - R&D Services, Biotech – Others. Financing data only includes private equity rounds (excl. private placements in public companies) of biotech companies (incl. therapeutic and diagnostic, R&D services and others). Data may alter as new information is continuously received and/or new tranches to existing financing rounds are added.

LIFE SCIENCE IPOs

NUMBER OF LIFE SCIENCE COMPANIES THAT WENT PUBLIC | 2019-2023

Included are Biotech – Therapeutics and Diagnostics, Biotech – R&D Services, and Other Biotech companies, Pharma (fully integrated), Medical Technology, and Digital Health companies. **2024** is omitted as there is no IPO recorded in that year.

MAJOR BIOTECH VENTURE FINANCING ROUNDS (2024)

TOP 5 PRIVATE EQUITY FINANCING ROUNDS | 2024

Company	Most Advanced Asset	Type of Round	USD M
Alpha-9 Oncology, Inc.	Phase I	Series C	$175.00
Borealis Biosciences, Inc.	N/A	Series A	$150.00
Jade Biosciences, Inc.	Preclinical	Series A	$80.00
35Pharma Inc.	Phase I	Series C	$53.00
Borealis Biosciences, Inc.	N/A	Series A	$30

The table shows the five biggest private equity financing rounds (excl. IPOs, research grants, loans) of private and independent **Biotechnology – Therapeutics and Diagnostics companies in 2024** Information displayed in the table may alter as new information is continuously received and/or new tranches to existing financing rounds are added.

MAJOR BIOTECH M&A DEALS (2024)

TOP 5 M&A DEALS | 2024

Acquired Entity	Buyer	Acquisition Type	USD M
Fusion Pharmaceuticals Inc.	AstraZeneca PLC	Entire Company	$2400
BioVectra	Agilent Technologies Inc.	Entire Company	$925
IBEX Technologies Inc.	BBI Solutions OEM Ltd	Entire Company	$37.9
IMV Inc.	**BioVaxys Technology Corporation**	Entire Company	$1
CanAm Bioresearch Inc.	**Medicure Inc.**	Asset	N/A

The table shows the M&A deals of private and independent companies **in 2024**. Information displayed in the table may alter as new information is continuously received.

ABOUT BIOTECHGATE

BIOTECH GATE
BUSINESS DEVELOPMENT DATABASE

Biotechgate is a leading **business development and licensing database** for the entire life science industry, offering a wealth of information on over 60,000 life science company profiles. Thanks to its unique data sourcing process, the profiles include company descriptions, contact information, product pipeline information, financing rounds, and management details, making it an invaluable resource for big pharma, start-ups, investors, and other industry professionals. Biotechgate also features 44,000 **licensing deals** and a **clinical trials database** containing over 900,000 records from registries around the world.

To register for a free demo or to learn more about the different subscription options, please visit Biotechgate.

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