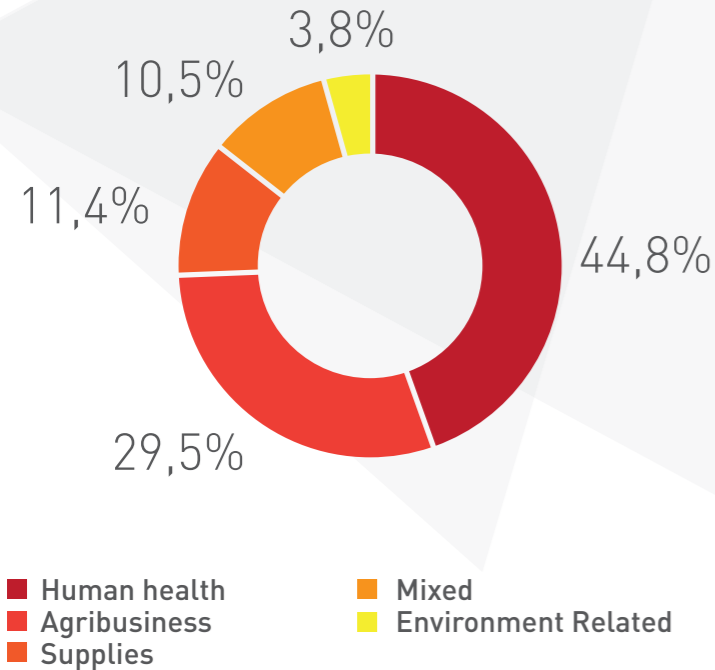


Bioscience companies by operational area (%)

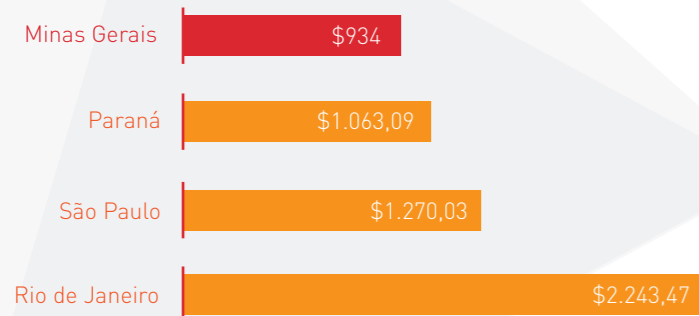
40% has at least one product or service with biotechnological source associated:



In Minas Gerais, biotechnology companies are more focused on Agribusiness, with emphasis on Animal Health, followed by Human Health.

Source: Diagnostic of Minas Gerais Bioscience Sector by Biominas Brasil, 2014.

Average monthly salary for selected jobs* (US\$)



Source: RAIS/MT, 2015

*Job positions considered: Biomedical staff, Chemical Engineers, Pharmacists, Chemist, Technicians in Support of Bioengineering, Technicians in Support of Biotechnology




For nearly 50 years INDI is a key player in the economic development of Minas Gerais. Over 3000 companies were supported, which brought jobs and income to the state. They saw their business grow, along with the state economy.

Our Services:

INVESTMENT PROMOTION: INDI supports companies that want to invest in Minas Gerais. We offer a complete guidance through all the investment phases.

TRADE PROMOTION: We encourage companies from Minas Gerais to export. Training courses, hosted buyers projects and export missions are some of our activities.

INTELLIGENCE: DataViva is an open research platform of socioeconomic data. INDI develops analyses from its database in order to support economic development policies.

-  indi.mg.gov.br
-  [indi.minasgerais](https://www.facebook.com/indi.minasgerais)
-  [company/indi.minasgerais](https://www.linkedin.com/company/indi.minasgerais)



Minas Gerais Investment and Trade Promotion Agency

MINAS GERAIS: LIFE SCIENCES



Strategically located in Southeastern Brazil, Minas Gerais is a reference in the life sciences sector with diverse investment opportunities.



MINAS GERAIS
GOVERNO DE TODOS

MINAS GERAIS

Minas Gerais is located in the Southeast Region of Brazil (the most developed region in the country) with easy access to consumer markets and a privileged location. Neighbor to states such as São Paulo and Rio de Janeiro and the Center-West and Northeastern Regions, the state of Minas Gerais is the main business corridor in Brazil.



It is a large Brazilian state...

- ▶ **587,000 km²** (Larger than France and Spain)
- ▶ **21 million people** (2nd largest resident population in Brazil)
- ▶ **Third largest Brazilian economy** (US\$ 158.8 billion GDP in 2015)
- ▶ **Second largest exporting state in Brazil** (US\$ 21.9 billion in 2016)
- ▶ **The second largest consumer market in Brazil** (10.4% of the share)

INFRASTRUCTURE AND LOGISTICS

- Largest paved roads network in Brazil
 - More than 28,000 km (18,000 miles) - 14,17% of Brazil
- 2nd largest railway network in the country
 - More than 4,800 km (3,000 miles)
- Easy access to the main seaports and 5 dry ports
- One of the top five airports in Brazil with international flights
 - 2nd largest domestic flights connections

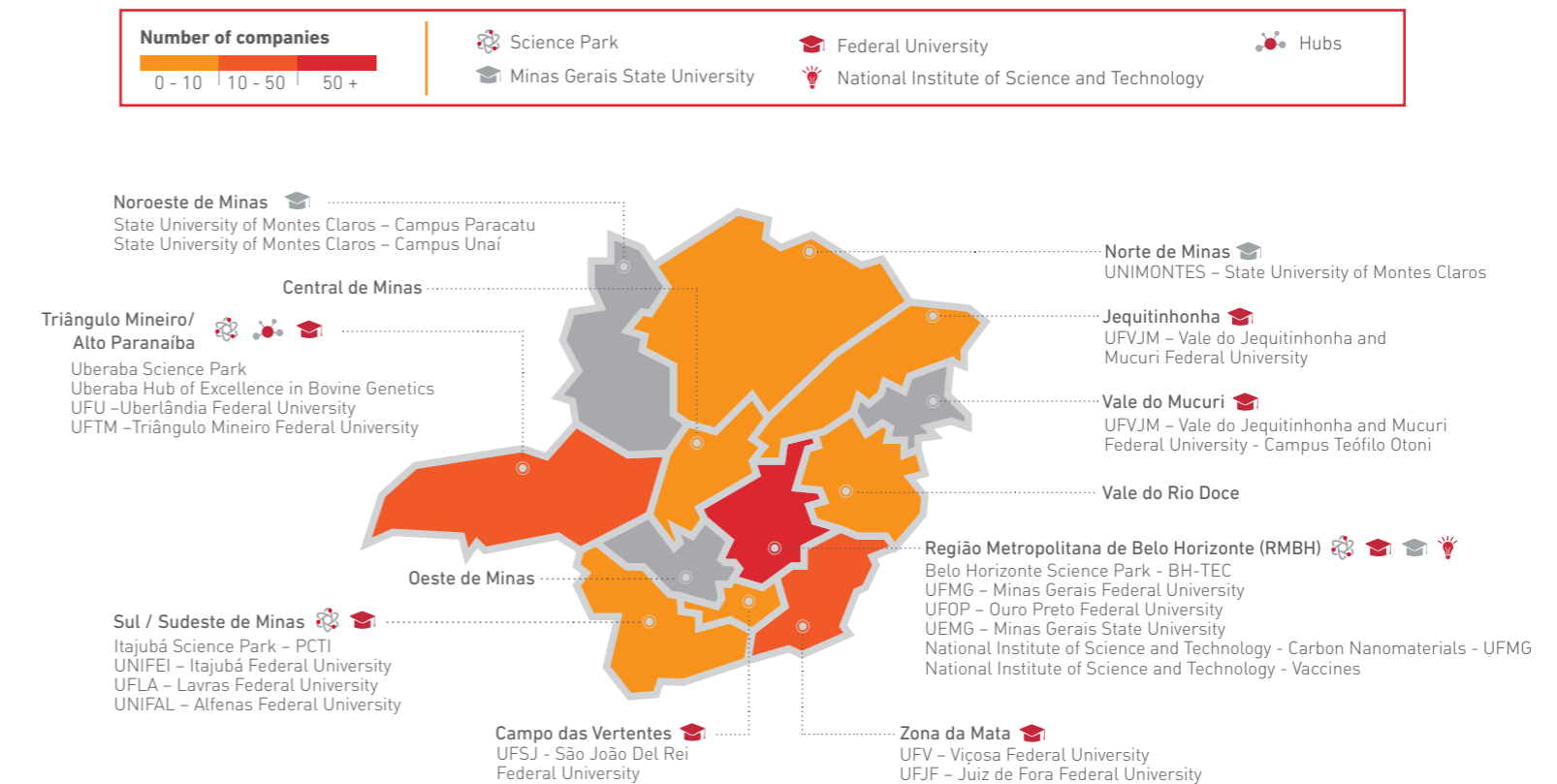
ANEEL; EPE; FJP; CEI-FJP/IBGE/UBM/OAG; SETOP-MG

WHY INVEST IN LIFE SCIENCES IN MINAS GERAIS?

- ▶ **Presence of several institutions for research and development** in the segment, such as FUNED, with experience in the production of medicines, immunobiologicals and technology transfer for biopharmaceuticals
- ▶ **Second place in Brazil by the number of Biotechnology companies** installed. **First place**, if considered **life science** companies
- ▶ **Organizations for the promotion and integration** within the segment, such as Biominas Brazil and ANBIOTEC (Brazilian Biotechnology and Life Sciences Companies Association)
- ▶ **Specific lines of credit for innovation** projects through BDMG, FAPEMIG and CODEMIG venture capital
- ▶ **9 National Institutes of Science and Technology**, in areas such as Carbon Nanomaterials and Vaccines
- ▶ **A international level hub of excellence in bovine genetics**, in the "Triangulo Mineiro"
- ▶ **3 Science Parks** in operation, and 3 being implemented

Share of Biotechnology in Minas Gerais

Source: Own Elaboration based in Data from Biominas Brasil (2016) and Minas Inova (2016)



Education			
▶ Best brazilian public universities ▶ 3 among the top 10			
▶ Number of courses in the life sciences sector:			
Agronomy	36	11	9
Biology	80	8	3
Biotechnology	5	5	2
Biomedicine	38	1	1
Pharmacy	63	8	5
Chemistry	37	7	5

■ Undergraduate level
 ■ Master's degree
 ■ Doctorate degree

Source: e-MEC and Geocapes, 2015

Some Life Sciences Companies in Minas Gerais		
ABBOTT	Alta Genetics	BIOMM
Ceva Hertape	Convidien	GE Healthcare
Hermes Pardini	Labtest	Microvet
Novo Nordisk	Philips Healthcare	Visiontech