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# CATALONIA

European hub of the  
pharmaceutical industry

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# Executive summary

# Catalonia, hub for pharmaceutical innovation and production in Europe

**Catalonia is one of the most industrialised, open, and innovative regions in Europe.** With a long-standing industrial tradition marked by the tight collaboration between pharmaceutical and chemical production, a broad healthcare network, and a notable research capacity, **Catalonia has consolidated itself as one of the most strategic territories for the pharmaceutical industry at a national and European level.**

**An industry driving Catalonia's economy. The manufacturing of pharmaceutical products** generates in Catalonia a direct value added of more than 3.5 billion euros, **which rises to over 7.8 billion (2.7% of the regional GDP) if we consider the indirect and induced effect throughout its value chain.** This multiplier effect reflects the sector's capacity to stimulate economic activity and drive the demand for complementary goods and services in other sectors, strengthening the competitiveness of Catalonia's overall its productive fabric.

**Leader in medicine production. Catalonia accounts for 44% of Spain's pharmaceutical manufacturing plants —79 out of the 181 national production facilities— and stands out for its strong focus on innovation and specialisation.** This leadership is supported by an integrated ecosystem of design, research, development, and manufacturing of medicines, where prestigious universities, world-class research institutes, and institutions that promote competitiveness and attracting high-impact investments converge.

**Strongly export-oriented.** Over the past decade, **Catalonia's pharmaceutical industry has doubled its exports, reaching €8 billion in 2024, a figure that represents 47% of the industry's national exports** and 8% of Catalonia's overall exports. This growth, significantly higher than that of the Catalan economy as a whole, highlights the role of foreign markets and internationalisation in the competitiveness of the pharmaceutical industry.

**The second-largest region in Europe for employment in the pharmaceutical industry.** The industry's activity **supports more than 87,000 jobs in the region**, through direct, indirect, and induced employment. **But it is not just a matter of quantity, but also about quality:** at least 51% of workers hold university degrees, the average annual salary significantly exceeds the industrial average, and rates of temporary and part-time employment are well below the national average. Workers in the industry benefit from a highly skilled, stable, and competitively paid environment, achieving an average productivity of over €140,000 per year.

**Infrastructure that fosters R&D and innovation.** Catalonia stands out for **having a value chain specialised in basic research, design, and production of medicines.** Added to this is a high digital connectivity and efficient regulation, which promote collaboration between industry, research centres, and universities. In 2023, the autonomous community ranked among the top three in the country for R&D expenditure per capita, with the pharmaceutical sector contributing €415 million—29% of the national total.

**In the current geopolitical context, the pharmaceutical industry is positioned as a key sector for strengthening Europe's strategic autonomy.** With annual production exceeding €300 billion, Europe remains a global powerhouse in the manufacturing of medicines. However, growing competition from other markets makes a firm commitment necessary to consolidate its leadership and ensure its future sustainability.

**Catalonia, a pharmaceutical benchmark in Europe.** In summary, **Catalonia is home to subsidiaries of more than 9,000 international companies from 90 countries**—clear evidence of its ability to compete in the most demanding markets and attract foreign investment and innovative projects. Its culture, internationally recognised quality of life, and strategic position within global pharmaceutical value chains make the region one of the best places to drive advanced biomedical solutions and produce innovative medicines on an international scale.

# Catalonia's pharmaceutical industry in numbers

Considering both its direct activity and its spillover effects along its value chain, the pharmaceutical industry contributes more than

**€7.8 billion**

to Catalonia's GDP (2.7% of the total) and supports **over 87,000 jobs annually** in the region (2.3% of total employment).

THE INDUSTRY: A FUNDAMENTAL PILLAR OF CATALONIA'S ECONOMIC OFFERING

The region has 79 pharmaceutical manufacturing plants (44% of all production facilities in Spain), which together account for

**50% of the industry's total turnover.**

CATALONIA, THE MAIN HUB OF SPAIN'S PHARMACEUTICAL INDUSTRY

With more than

**28,000 direct jobs,**

Catalonia is the Spanish autonomous community with the highest number of workers in the pharmaceutical industry, **and the second region in the European Union,** only behind Copenhagen, and ahead of Lombardy or Frankfurt.

LEADER IN PHARMACEUTICAL INDUSTRIAL EMPLOYMENT IN SPAIN AND EUROPE

**Half of the sector's workforce in Catalonia holds a university degree.**

The average productivity per employee in Catalonia's pharmaceutical industry exceeds

**€143,000 per year.**

TALENT AND HIGH-QUALITY EMPLOYMENT

Between 1993 and 2025, multinational pharmaceutical companies invested more than

**€3 billion**

in their subsidiaries and new projects in Catalonia—representing around

**60% of the total stock of foreign direct investment**

in Spain's pharmaceutical industry.

A PREFERRED DESTINATION FOR FOREIGN DIRECT INVESTMENT IN PHARMACEUTICALS IN SPAIN

Catalan pharmaceutical laboratories invested over

**€400 million**

in R&D in 2023, both internally and through projects in collaboration with other healthcare centres.

This represents

**7.5% of the total R&D**

investment made in Catalonia during that year.

A BENCHMARK IN R&D INVESTMENT

Catalonia concentrates **55%** of Spain's active pharmaceutical ingredient (API) **production plants** and **35%** of the country's medicine **manufacturing plants for human use,** clearly leading these activity segments and playing a key role at the European level.

A BENCHMARK IN THE MANUFACTURING OF ACTIVE INGREDIENTS AND MEDICINES FOR HUMAN USE

# 01

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**For people**  
A consolidated  
and booming  
industry

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A consolidated,  
dynamic, and  
structurally robust  
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Catalonia, a key  
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An industry with a  
skilled and productive  
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An exporting industry

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# A consolidated, dynamic, and structurally robust industry

Catalonia is a benchmark region in Spain thanks to its openness to the outside world, its bridging role with the rest of Europe, and its capacity to develop one of the country's strongest industrial bases. In this context, the pharmaceutical products industry stands out due to its synergies with the chemical industry and the region's scientific network, making it a key pillar of Catalonia's industrial fabric.

## 1 | Catalonia: an economic engine with European reach

Catalonia's significant weight within Spain, along with its high dynamism and per capita income, make it one of the most attractive regions internationally. Catalonia is characterised by a strong, diversified economic structure and by standing as one of Europe's leading industrial hubs.

## 2 | Driven by the growth of the pharmaceutical industry

Between 2000 and 2022, the pharmaceutical industry's contribution to Catalonia's economy nearly tripled, going from €1.3 billion to over €3.5 billion annually. This real growth of more than 170% makes it the most dynamic industrial sector in recent decades, exerting a strong pull effect on other regional activities.

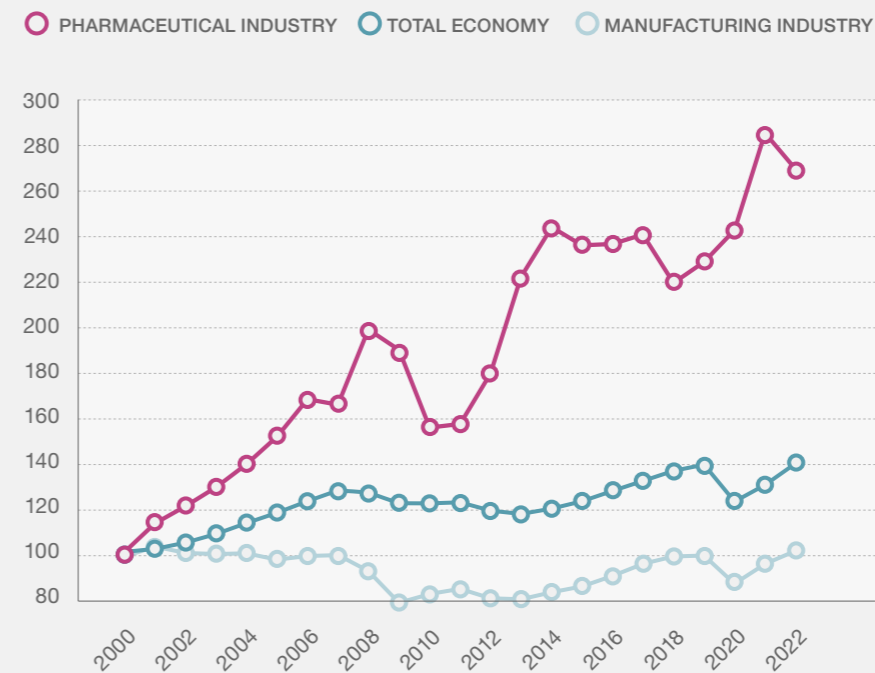
## 3 | With a consolidated and large-scale business network

The average size of pharmaceutical companies in Catalonia is notably high, reflecting their specialisation and productivity: 44% of pharmaceutical firms based in Catalonia are medium or large-sized, and 23% have more than 250 employees.

## ECONOMIC GROWTH IN CATALONIA

Real gross value added growth (Base 100=2000)

Source: Afi based on Catalonia's Statistics Institute (Idescat) and National Statistics Institute (INE).

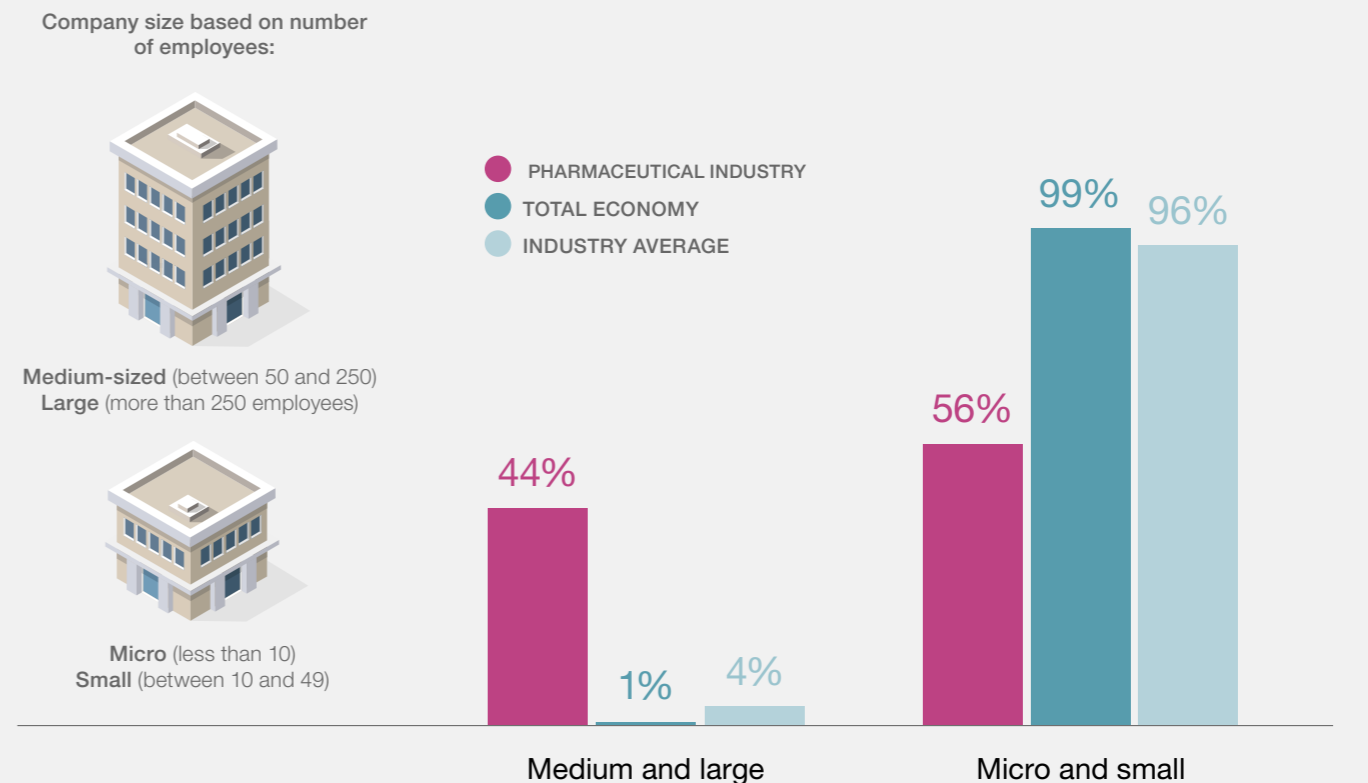


Between the year 2000 and 2022, the contribution of the pharmaceutical industry to the Catalan economy has almost tripled.

## BUSINESS SIZE IN CATALONIA

Percentage of total firms; 2024

Source: Afi based on Catalonia's Statistics Institute (Idescat) and National Statistics Institute (INE).



# Catalonia, a key driver of pharmaceutical employment in Europe

**Catalonia is the leading region for pharmaceutical employment in Spain and the second in Europe.** With more than 28,000 sustained direct jobs, Catalonia's pharmaceutical industry ranks as the Spanish region with the highest number of workers in the sector and the second in the European Union, only behind Copenhagen, and ahead of dynamic areas such as Lombardy or Frankfurt.

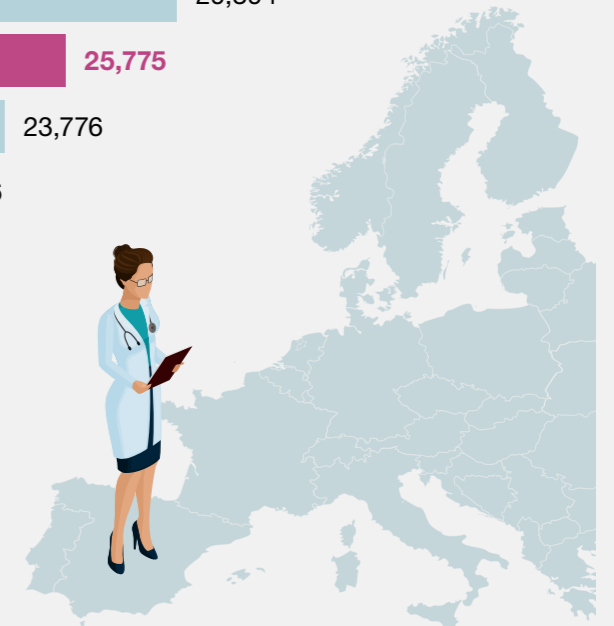
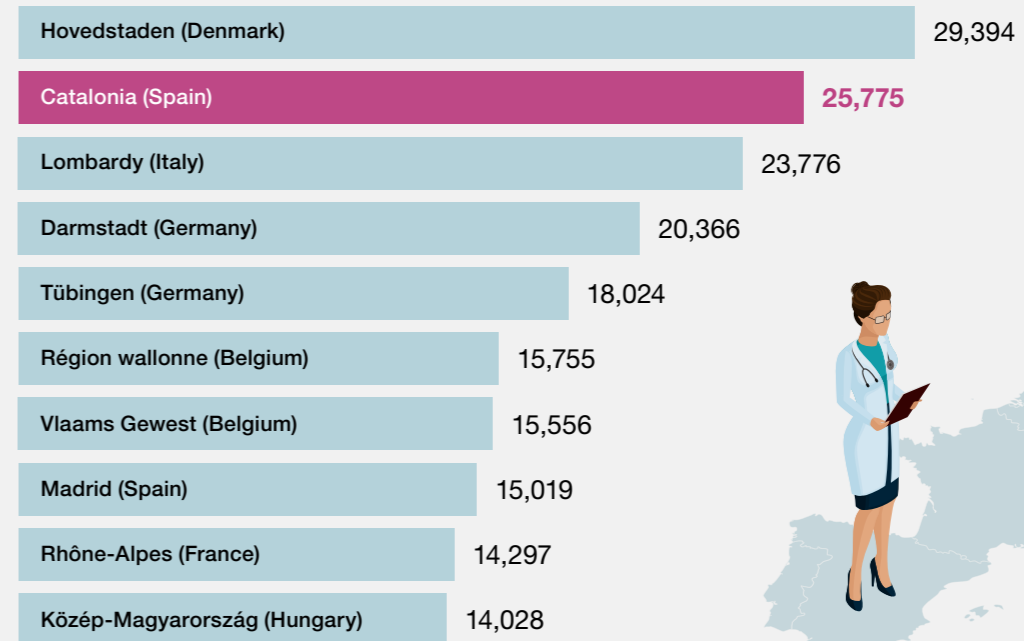
**A growing activity within Catalonia's industrial fabric.** Over the past 15 years, employment in the pharmaceutical industry has shown far greater dynamism than other sectors: between 2009 and 2024, it has expanded by more than 35%, while overall industrial employment in Catalonia contracted by 4%. This behaviour reflects the competitiveness gains of the industry in international markets and an investment effort in production and talent over time, enabling it to climb positions and establishing it as a global pharmaceutical benchmark.

Catalonia is the leading region for pharmaceutical employment in Spain and the second in Europe



## TOP 10 EUROPEAN REGIONS WITH THE HIGHEST EMPLOYMENT IN THE PHARMACEUTICAL INDUSTRY 2023

Source: Afi based on Eurostat

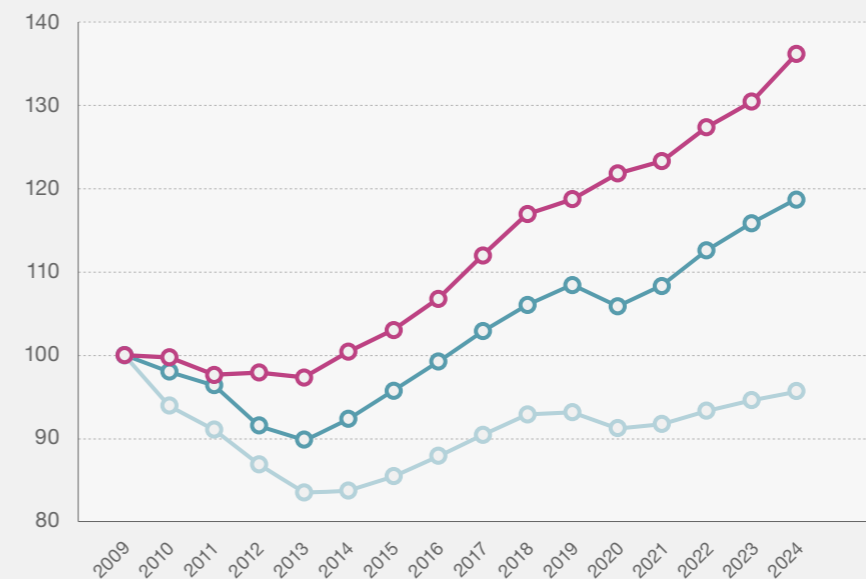


## EMPLOYMENT GROWTH IN CATALONIA

Base 100=2009

Source: Afi based on Ministry of Inclusion, Social Security, and Migrations

○ PHARMACEUTICAL INDUSTRY ○ MANUFACTURING INDUSTRY ○ TOTAL ECONOMY



**+35%**

Expansion of employment in the pharmaceutical industry between 2009 and 2024.

**28,000+**

Direct jobs sustained. The region with the highest number of workers in the sector.

# An industry with a skilled and productive workforce

**Catalonia stands out for offering a highly qualified and productive workforce together with competitive salary packages.**

The pharmaceutical industry has been able to sustain, over the long term, significant productivity gains thanks to its efforts in innovation, digitalisation, and process improvement. **Each job in Catalonia's industry is capable of generating more than €140,000 in value added per year**, a figure that has multiplied by 2.4 over the last two decades.

In addition, the sector is supplied by a highly qualified workforce that makes it possible to leverage business improvements. **The majority of workers in the industry have a high level of education, the result of an activity oriented towards the development and production of medicines, considered high-technology products.** In 2024, more than half had, at least, a university degree, and one third held a master's degree or a doctorate, tripling the average of the Catalan economy.

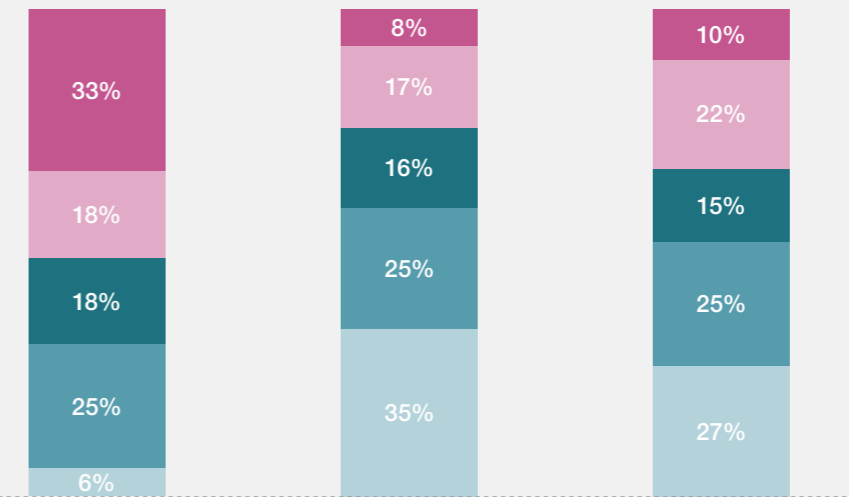
The labour composition of the industry in Catalonia guarantees compliance with the **demands of a highly specialised sector: knowledge, management, and operational capacity.** With a significant proportion of professionals in managerial, scientific, and technical positions, and a particularly prominent weight of operational profiles, the Catalan model places **production as a key core of its competitiveness**, an ideal structure for the integral development of pharmaceutical projects.

This environment of **high qualification, training, job stability, and competitive remuneration reinforces the positioning of the pharmaceutical industry** as one of the most attractive professional options for scientific, technical, and industrial talent in Catalonia.

## EMPLOYMENT COMPOSITION BY LEVEL OF EDUCATION % of total workforce; 2024

Source: Afi based on INE

● MASTER'S DEGREE AND PHD
 ● UNIVERSITY DEGREE
 ● HIGHER VOCATIONAL TRAINING
 ● BACCALAUREATE, BASIC AND INTERMEDIATE VOCATIONAL TRAINING
 ● SECONDARY EDUCATION



1/3

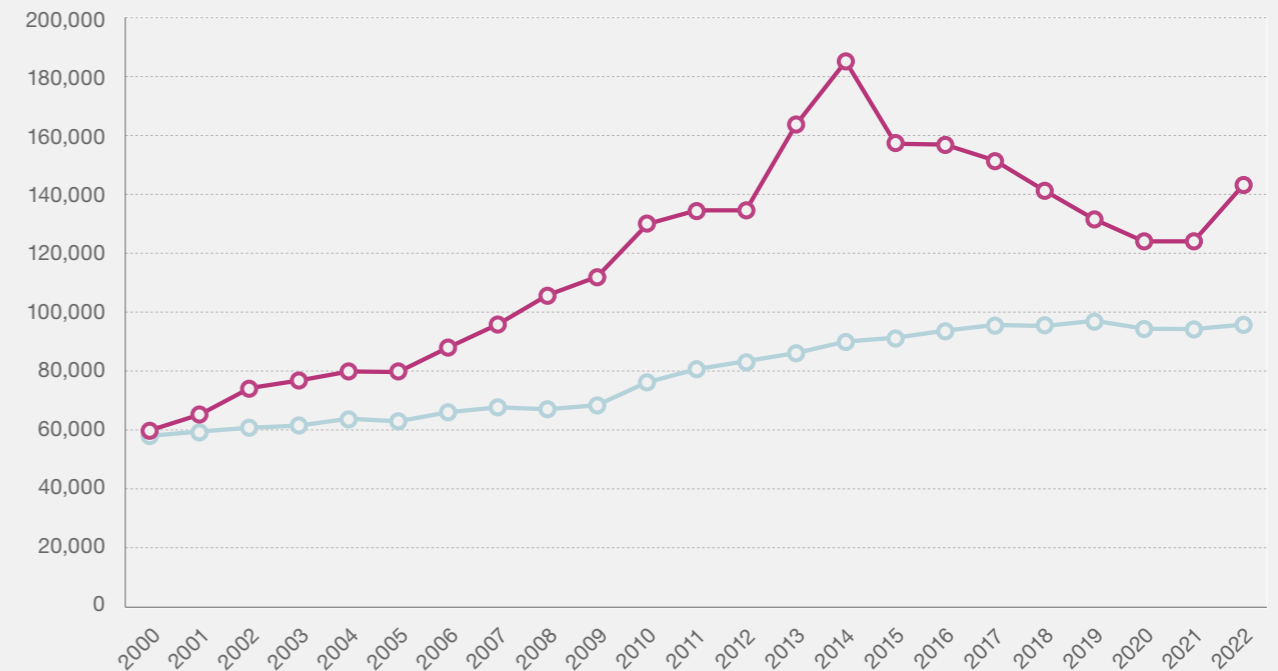
Proportion of workers with a Master's degree or doctorate, tripling the average of the Catalan economy and industry.



## REAL PRODUCTIVITY PER WORKER IN CATALONIA'S INDUSTRY 2000-2022 (€)

Source: Afi based on INE

○ PHARMACEUTICAL INDUSTRY
 ○ TOTAL INDUSTRY



# An exporting industry

## The Catalan pharmaceutical industry is fully integrated into international medicine value chains.

The presence of numerous subsidiaries of multinational laboratories, the concentration of production, and a modern infrastructure network foster the pharmaceutical industry's openness to international markets, which is reflected in both product exports and foreign direct investment.

### 1 | A sector with a strong export-oriented vocation

Between 2014 and 2024, Catalonia's pharmaceutical exports nearly doubled in real terms, rising from €4.7 billion to over €8.3 billion. This growth rate far exceeds that of the Catalan economy as a whole and accounts for nearly half of total medicine exports of Spain, particularly standing out in comparison to other industrial sectors.

### 2 | Internationalisation: a fundamental pillar of its competitiveness

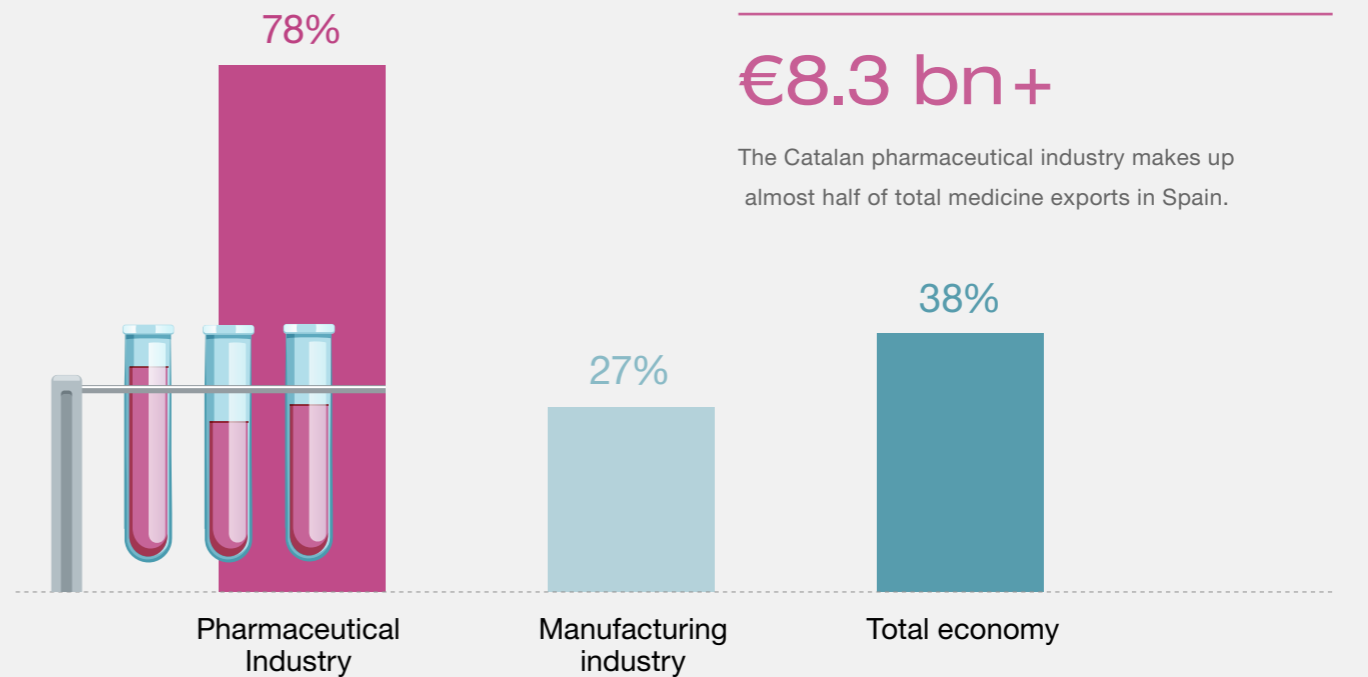
The export structure of Catalonia's pharmaceutical sector shows a clear concentration in high value-added destinations. Countries such as Switzerland, Germany, France, and the United States are the main markets, highlighting the sector's strong links to production and distribution chains that demand high standards of quality and regulatory compliance.

### 3 | A strategic sector with strong capacity for adaptation and global reach

The export growth of Catalonia's pharmaceutical industry has been accompanied by an expansion in its production and technological capacity. Catalonia has successfully consolidated a pharmaceutical ecosystem that combines research, advanced manufacturing, and a global outlook.

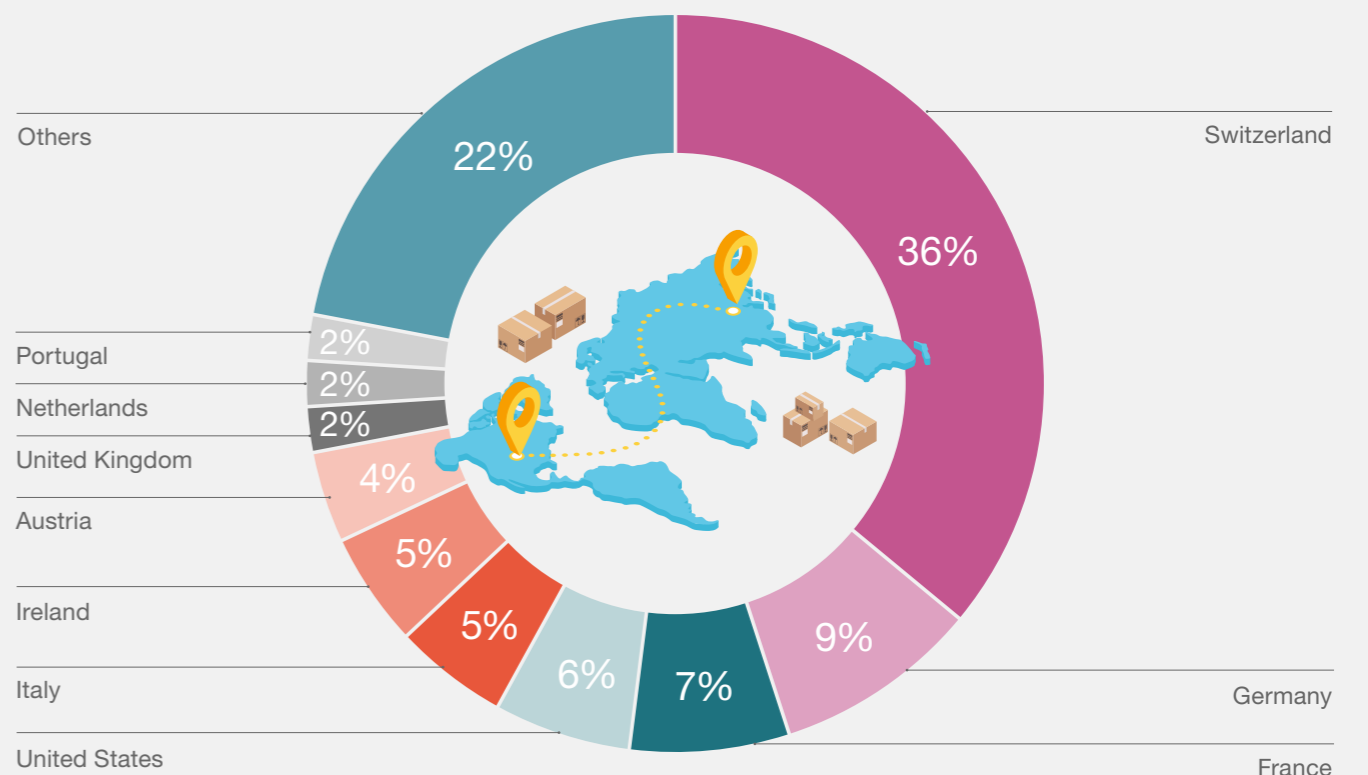
## REAL GROWTH OF CATALAN EXPORTS 2014-2024 %

Source: Afi based on the Ministry of Economy, Business, and Trade



## DESTINATION OF CATALAN PHARMACEUTICAL EXPORTS Percentage of total; 2014-2024

Source: Afi based on the Ministry of Economy, Business, and Trade



# 02

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## For the economy

### A high economic and productive impact

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The key role of the pharmaceutical production platform

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An economic footprint equivalent to 2.7% of Catalan GDP, 7.8 billion euros

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Which helps sustain more than 87,000 jobs in Catalonia, 2.3% of total employment

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Open to foreign investment

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Owing to firm institutional support

# The key role of the pharmaceutical production platform

**Catalonia is the region with the largest concentration of pharmaceutical production in Spain, hosting 79 out of the 181 manufacturing facilities.** Pharmaceutical activity in the region must be considered from the perspective of the medicine value chain, which is strongly oriented towards the manufacturing of active ingredients and medicines for human and veterinary use:

**27 of Spain's 49 API production plants operate in Catalonia; 37 of the 99 plants manufacturing chemically synthesized medicines for human use; 2 of the 12 biotechnological medicine plants for human use; and 13 of the 21 veterinary medicine plants. A reflection of its productive leadership.**

**It employs 33% of the workers involved in the production of basic inorganic chemical products (such as excipients), as well as 44% of the workforce dedicated to the manufacture of perfumes and cosmetics.**



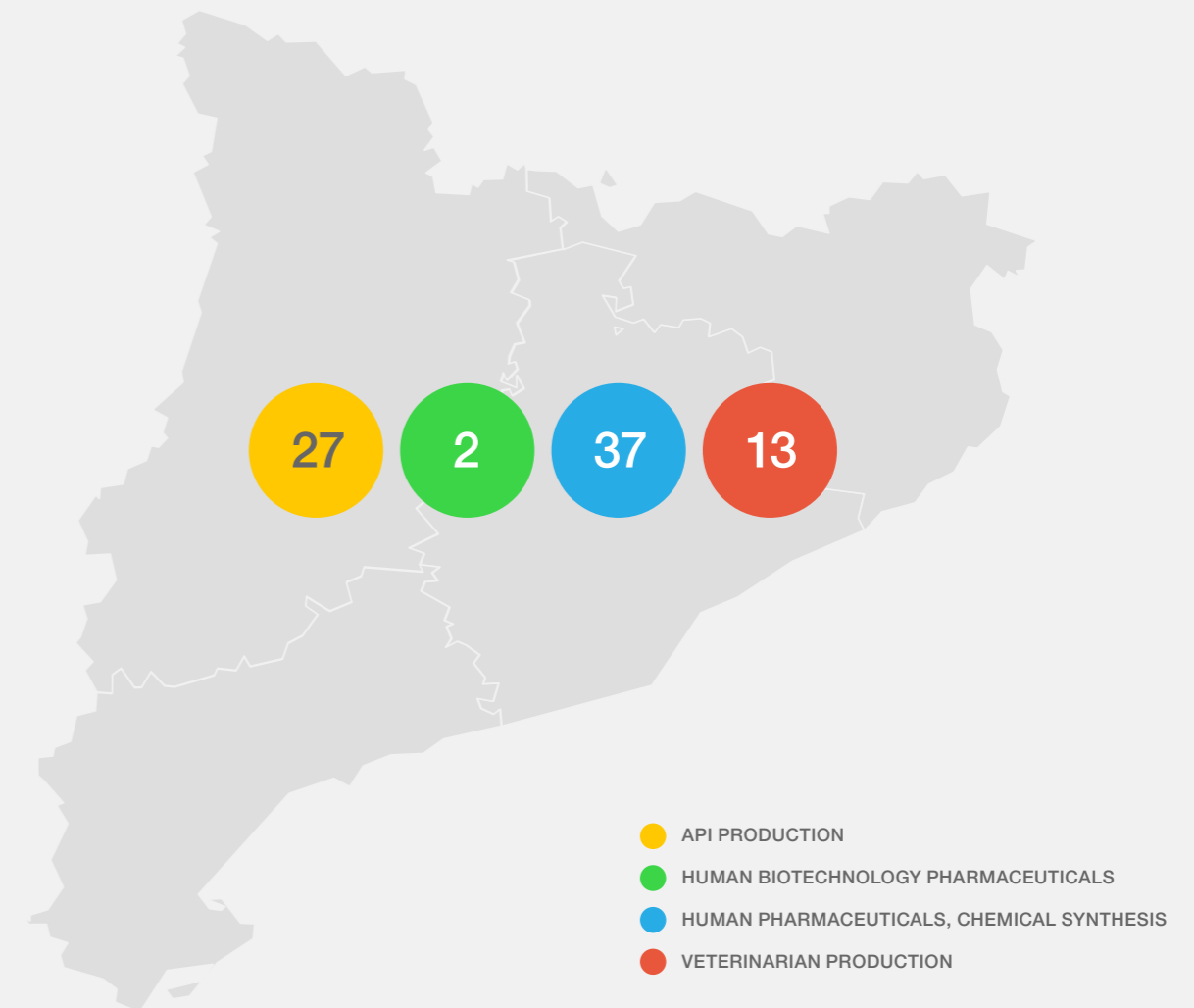
**30% of Spain's workforce engaged in the production of sanitary and hygiene-related paper and cardboard items** —essential for medicine packaging and leaflets—**operates in Catalonia.**

The location of these important manufacturing centres in the metropolitan area of Barcelona and in regions such as Vallès Occidental and Baix Llobregat also facilitates the interconnections and logistics associated to the commercialisation of products.



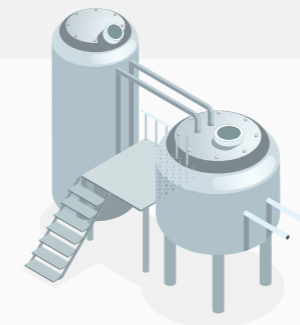
## PHARMACEUTICAL MANUFACTURING PLANTS IN CATALONIA

Source:  
Afi based on  
Farmaindustria



● API PRODUCTION  
● HUMAN BIOTECHNOLOGY PHARMACEUTICALS  
● HUMAN PHARMACEUTICALS, CHEMICAL SYNTHESIS  
● VETERINARIAN PRODUCTION

# 79



Catalonia is the region with the highest concentration of pharmaceutical production in Spain: 79 of the 181 existing plants in the country.

# 35%



Catalonia hosts 39 of the 111 (35%) plants manufacturing medicines for human use.

# An economic footprint equivalent to 2.7% of Catalan GDP, 7.8 billion euros

## The relevance of the pharmaceutical industry reaches €7.8 billion, 2.7% of Catalonia's GDP.

The sector's economic footprint goes beyond the 3.8 billion direct impact on gross value added generated by medicine production. When indirect effects—stemming from the purchase of intermediate inputs from suppliers within the pharmaceutical value chain—and induced effects—linked to the spending of wages by workers employed in the process—are considered, the industry's total economic impact doubles, exceeding €7.8 billion.

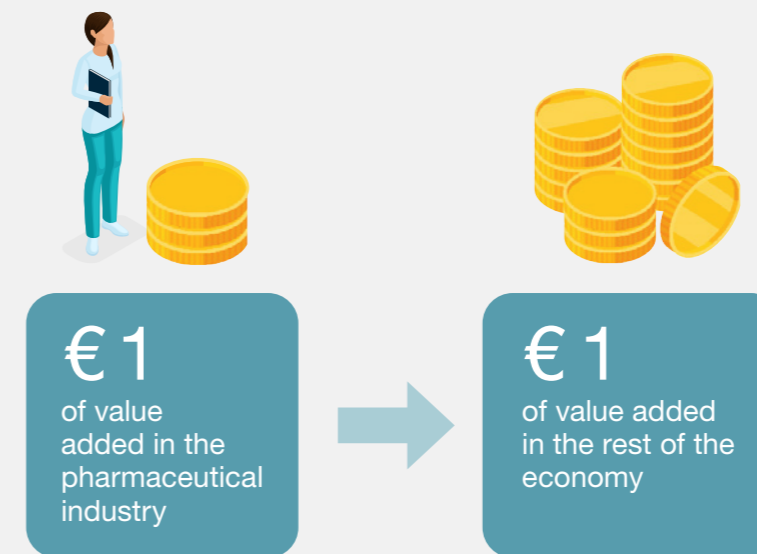
### Catalonia: production and biotechnology.

The pharmaceutical industry's value chain in Catalonia is specialised in the manufacturing of active ingredients and chemical and biological formulations, supported by basic and

biotechnological research in its R&D centres. Hospitals in the region promote early-stage clinical trials, while the startup ecosystem fosters initial innovation.

The impact of the pharmaceutical industry in Catalonia doubles when indirect and induced effects are added, reaching €7.2 billion, 2.7% of Catalonia's GDP

The spillover effects of the pharmaceutical industry along its value chain generate a multiplier effect on economic activity in Catalonia:



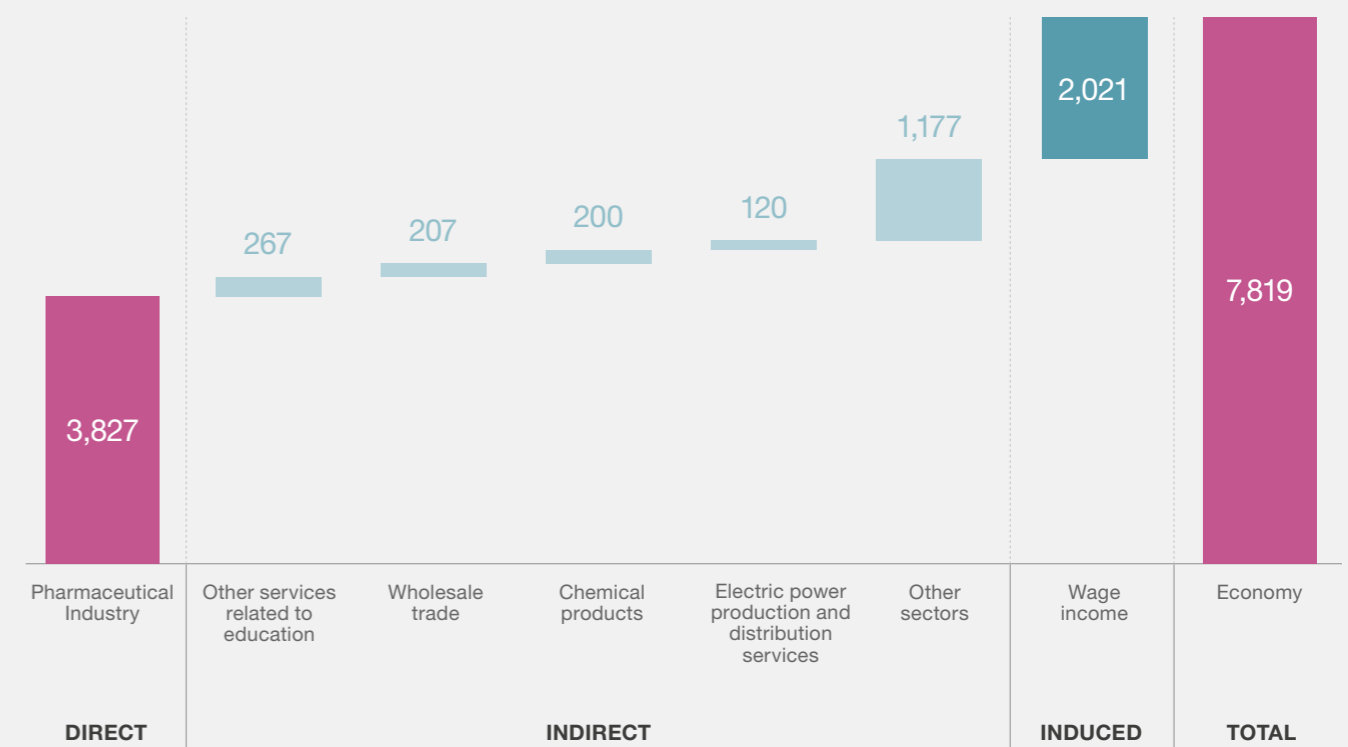
Source: Afi based on the National Statistics Institute (INE)

For each euro of direct value added generated by the pharmaceutical industry, an additional euro is generated in the overall Catalan economy indirectly and through induced effects.

## ECONOMIC IMPACT OF THE PHARMACEUTICAL INDUSTRY IN CATALONIA

Gross value added, millions of euros, 2023

Source: Afi based on the National Statistics Institute (INE) and Catalan Statistics Institute (Idescat)



# Which helps sustain more than 87,000 jobs in Catalonia, 2.3% of total employment

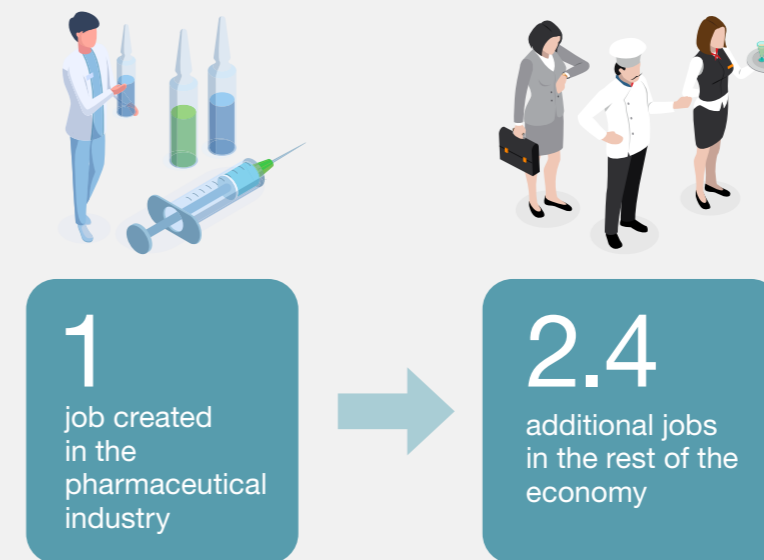
## Catalonia's pharmaceutical industry supports over 87,000 jobs - 2.3% of total employment in the region.

In addition to the 26,000 direct jobs generated by pharmaceutical manufacturing companies, 32,000 workers in the region depend indirectly on the sector, since they are employed in companies integrated into the pharmaceutical value chain. This is the case for industries such as chemicals, marketing services, and education, which are closely linked to research.

Furthermore, the **induced effect contributes to maintaining thousands of additional jobs.** The increase in economic activity caused by the wage spending of workers in the sector **helps sustain 29,000 additional jobs.**

The pharmaceutical sector is key in the Catalan labour market: it sustains more than 87,000 jobs, 2.3% of the regional total, 29,000 of which are generated thanks to the income effect of its workers

The Catalan labour market benefits from the significant spillover effects of the pharmaceutical industry.



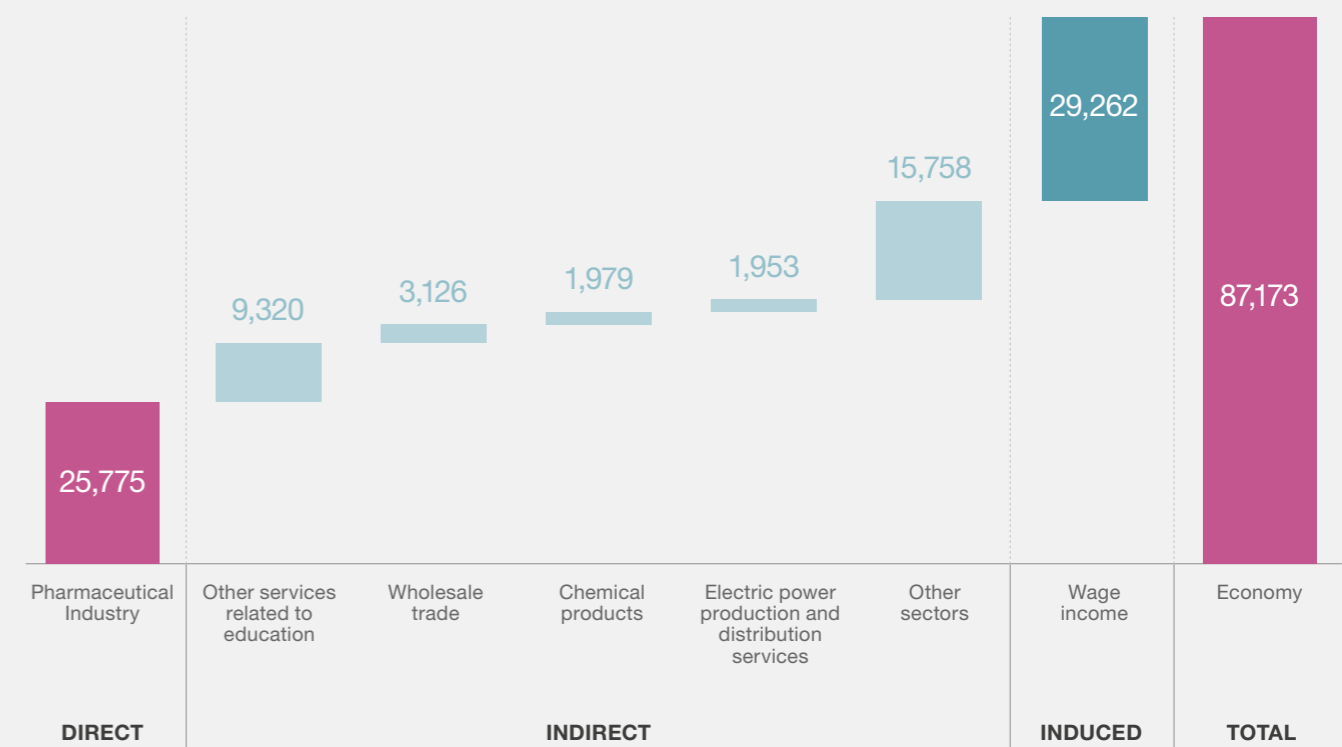
For each direct job generated in the pharmaceutical industry, 2.4 additional jobs are created in the Catalan labour market (indirect and induced)

Source: Afi based on the National Statistics Institute (INE)

## IMPACT ON EMPLOYMENT OF THE PHARMACEUTICAL INDUSTRY IN CATALONIA

Full-time equivalent jobs, EJC; 2023

Source: Afi based on the National Statistics Institute (INE) and Catalan Statistics Institute (Idescat)



# Open to foreign investment: concentrating 60% of Spanish FDI in pharma

Catalonia has positioned itself as the leading recipient of Foreign Direct Investment (FDI) in the pharmaceutical sector in Spain, consolidating its central role in Southern Europe's biotechnology ecosystem.

The presence of multinational pharmaceutical laboratories attracts both investment flows from parent companies and greenfield projects being established in the region for the first time.

## 1 | High-impact and long-term investment

Catalonia's pharmaceutical industry has historically captured the majority of foreign investment in the sector within Spain. Up until the first half of 2025, it accumulated over 3 billion in investment stock, which represents around 60% of the national total and clearly demonstrates the potential of Spain's pharmaceutical market.

## 2 | Competitiveness in quality and costs

Catalonia benefits from a more competitive labour and energy cost structure than other European regions. Its strategic location, strong commitment to renewable energy, and top-tier transport and communications infrastructure facilitate access to international markets, enabling the export of products manufactured in Catalonia.

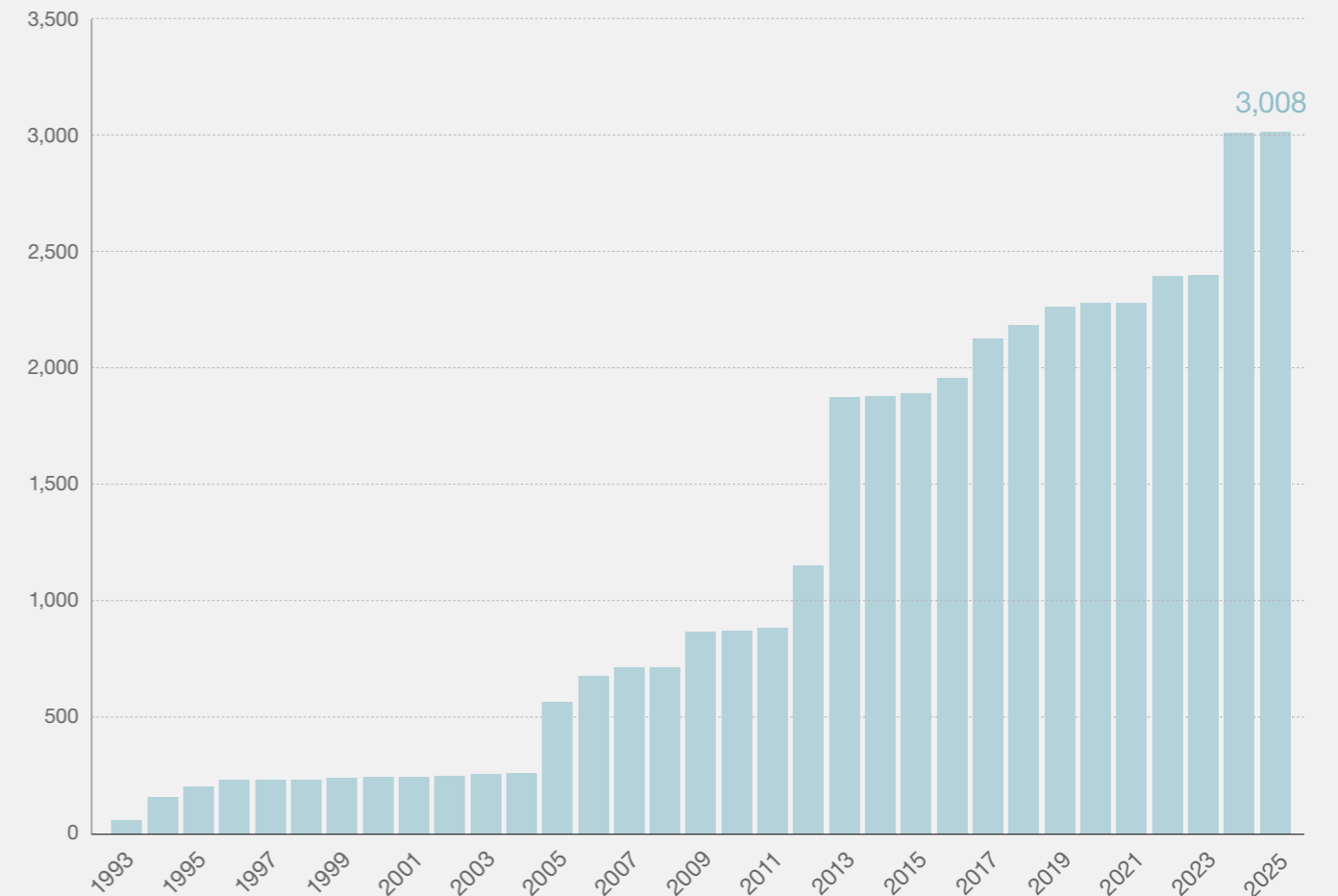
## 3 | A consolidated strategy with visible results

Catalonia's success in attracting investment is reflected each year in new projects. The region offers one of Europe's most dynamic environments for the creation of companies, start-ups, and scale-ups thanks to its network of business accelerators and a regulation designed to support their emergence and growth.

## STOCK OF FOREIGN DIRECT INVESTMENT IN THE CATALAN PHARMACEUTICAL INDUSTRY

Millions of euros; 1993-2025

Source: Afi based on the Ministry of Economy, Business and Trade.  
Note: data for 2025 corresponds to the first half of the year.



Catalonia leads the foreign pharmaceutical investment in Spain, having attracted over 3 billion in the last 30 years



# Owing to firm institutional support

Catalonia is one of the industrial powers of Europe, positioned as a global benchmark in fields such as biotechnology, pharmaceutical products, and the chemical industry.

Thousands of multinational companies have established subsidiaries in the region, thanks to a clear institutional commitment to openness, foreign investment attraction, and innovation. ACCIÓ, the Agency for Business Competitiveness, has 40 years of experience and is the best evidence of an oriented towards internationalisation and scalability.

## 1 | International synergies and economies of scale

Catalonia is a highly attractive destination for multinational companies in high-tech sectors. According to ACCIÓ, the region hosts subsidiaries of more than 9,000 foreign-owned companies from 90 different countries, with notable investment coming from the United States, France, Germany, and the United Kingdom.

## 2 | A competitive environment for businesses

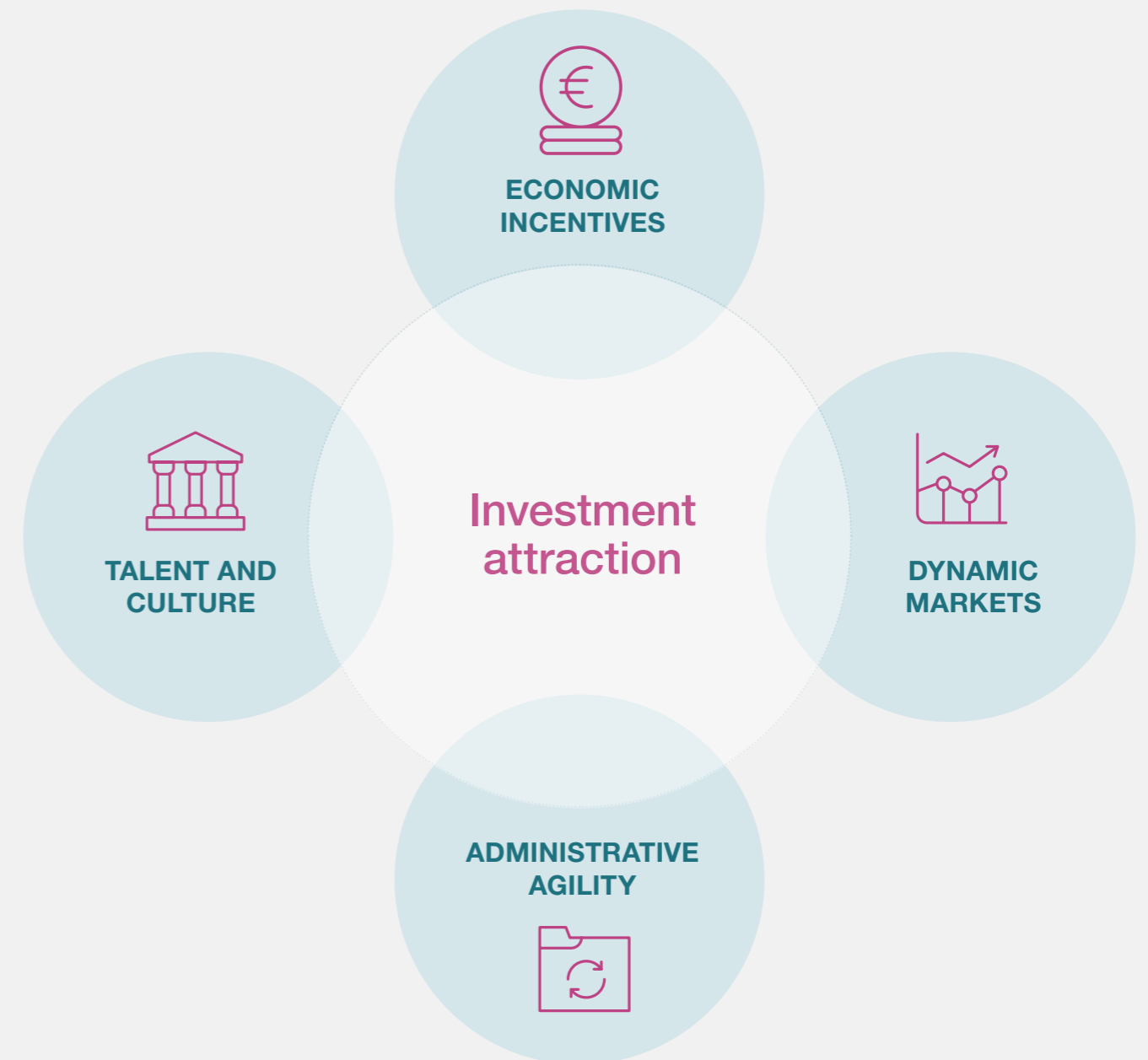
Companies also benefit from significant tax incentives and administrative support, such as R&D tax deductions, Social Security tax rebates for technical research staff, or technical assistance from ACCIÓ at every stage of their business strategy.

## 3 | And highly attractive for workers

Both Catalonia and Barcelona are renowned for their quality of life and for being some of the most sought-after destinations globally. This is complemented by the presence of some of the most prestigious universities and business schools at an international level.

## 4 | Connectivity for export

Catalonia has the Port of Barcelona, one of the main ports in the Mediterranean, and three of the most nationally important commercial airports (Barcelona–El Prat, Girona, and Reus), with direct routes to Europe, the Americas, and Asia. This infrastructure, together with its prominent position in the Mediterranean Corridor and a first-class logistics network, facilitates pharmaceutical export activity and rapid access to global markets.



Catalonia, a European industrial powerhouse and a global benchmark in biotechnology, chemistry, and the production of medicines.

# 03

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## For institutions Innovation and collaboration

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Driver of R&D  
and Innovation

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Contributing to  
infrastructure and  
public health quality

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**38**

Cooperative  
and attractive for  
research talent

# Driver of R&D and innovation

Catalonia has been able to build an ecosystem where knowledge flows between research centres, the healthcare system, universities, and companies, generating a fertile environment for the development of new treatments. This synergy has positioned the region as a European benchmark in both basic and clinical research, with an increasingly prominent role in early-stage trials.

## 1 | Catalonia's pharmaceutical industry invested over €415 million in R&D in 2023—29% of the national total

Catalonia offers ideal conditions for the development of new medicines, supported by a world-class cutting-edge basic research network and strong production capabilities. This combination drives annual R&D investment in the industry to over €415 million, making the region one of Europe's most important biomedical innovation hubs. In addition, the Catalan pharmaceutical ecosystem participated in 26% of the clinical trials conducted in Spain in 2024, according to the Spanish Clinical Trials Registry.

## 2 | An ideal environment for R&D and innovation

The combination of expanding transport infrastructure and high digital connectivity creates a favourable environment for research and development in the pharmaceutical sector, facilitating collaboration between companies, universities, and research centres. This connectivity stands out especially in the Barcelona area, the main hub of activity. Catalonia is a national and international reference in the secondary use of health data and in the deployment and use of artificial intelligence applied to industry.

## 3 | Driven by an increasingly skilled and numerous research workforce

One of the sector's defining features is the quality of its R&D personnel, 90% of whom hold a university degree. The industry's commitment to research is clearly reflected in the continuous growth of this workforce, which in 2023 exceeded 6,000 people in Spain—a 20% increase compared to 2019.

# 29%

of national R&D investment corresponds to the Catalan pharmaceutical industry.



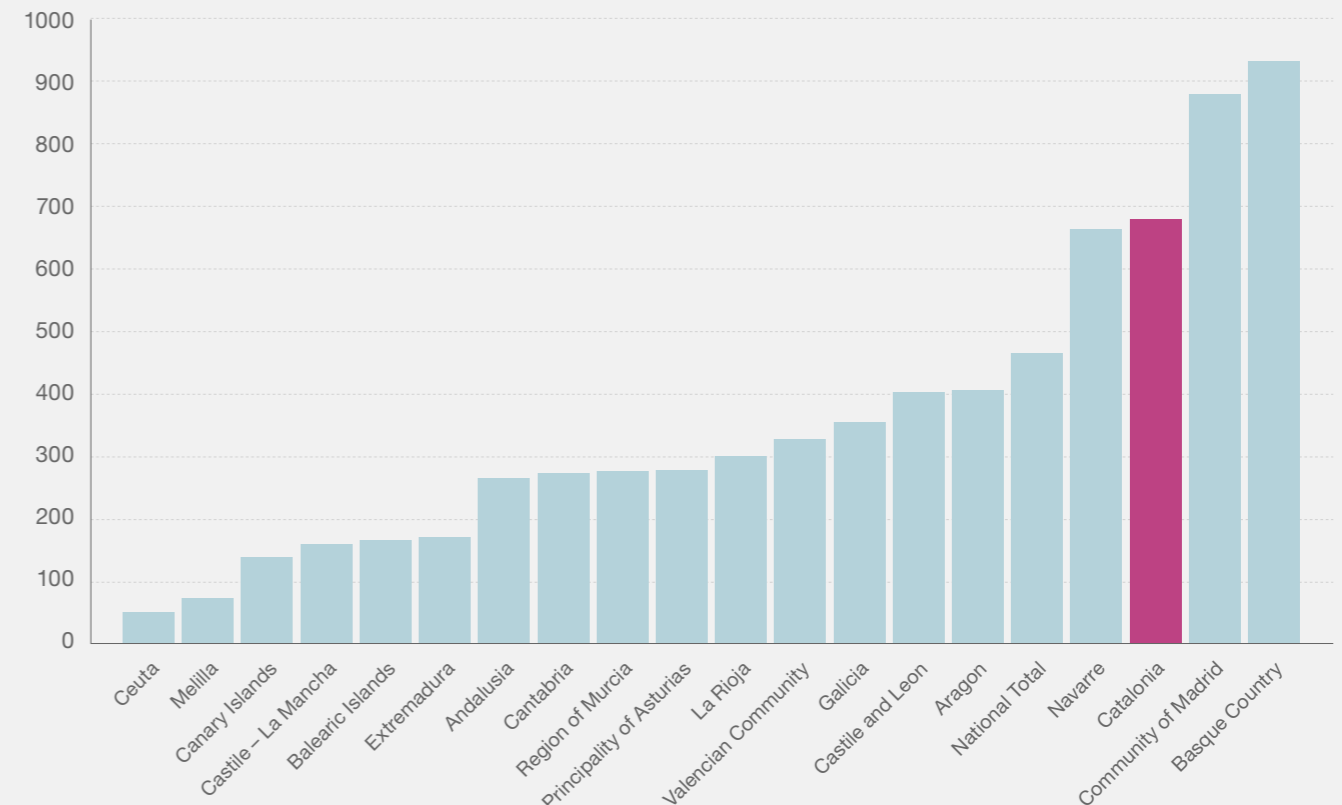
# 20%

growth of research personnel in 2023 with respect to 2019.



## TOTAL EXPENDITURE ON INTERNAL R&D PER CAPITA Euros; 2023

Source:  
Afi based on the National  
Statistics Institute (INE)



# Contributing to infrastructure and public health quality

**Catalonia has consolidated itself as one of the largest benchmarks of the health system in Spain.** This leadership is driven not only because of the scale and quality of its hospital network, but also by its pioneering approach to outcome evaluation and the continuous improvement of medical attention. The region is at the forefront of public health management due to a solid institutional base, a culture oriented towards quality, a tight collaboration between administrations, professionals, and researchers, and a **governance based on data and transparency.**

## 1 | Dense healthcare infrastructure

Catalonia is the autonomous community with the highest concentration of hospitals in Spain, hosting nearly 25% of the total (199 out of 840). Some, such as Hospital Clínic de Barcelona and Vall d'Hebron University Hospital, have been recognised in national and international rankings for their excellence.

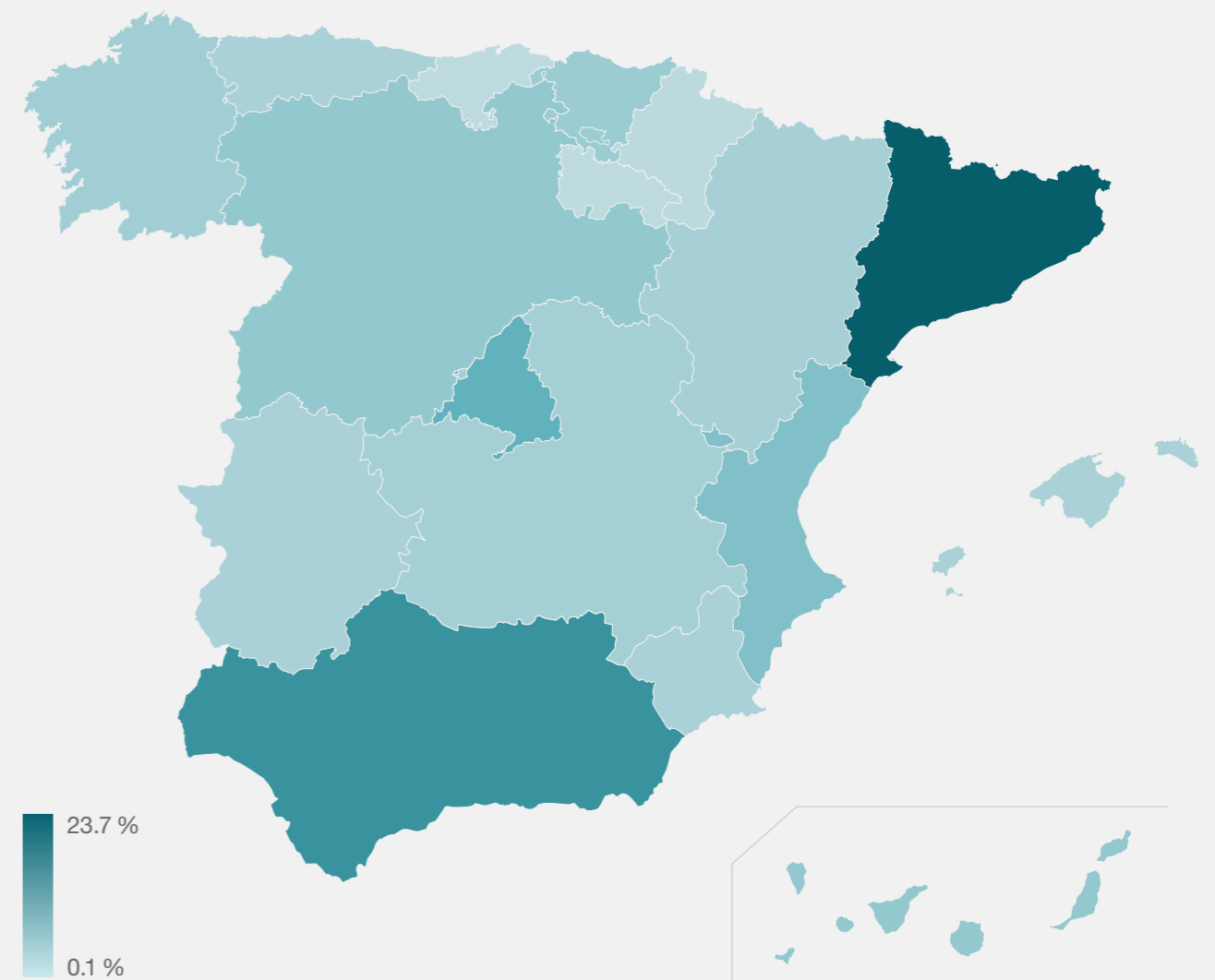
## 2 | Leaders in transparency and healthcare evaluation

The region stands out for its commitment to measuring and continuously improving health outcomes. This approach has made Catalonia a national and international point of reference in transparency, healthcare benchmarking, and quality culture, with strong involvement from the academic and clinical sectors in generating and analysing useful information for decision-making.

Catalonia concentrates more than 180 hospitals, almost 25% of Spain's total

## DISTRIBUTION OF HOSPITALS IN SPAIN BY AUTONOMOUS COMMUNITIES 2023

Source: Afi based on the National Hospital Catalogue (Ministry of Health, December 31st, 2023)



Catalonia is a healthcare benchmark in Spain and Europe, with hospital excellence and data-driven, transparent management

# Cooperative and attractive for research talent

## Catalonia, one of Europe's main hubs of knowledge, training, and innovation in health.

Catalonia stands out for having built a dense, high-quality, and internationally recognised health research and innovation ecosystem. The region combines an extensive network of health research institutes linked to university hospitals with a strong scientific and technological infrastructure. This is further complemented by a prestigious university network and a strong commitment to public-private collaboration, exemplified by initiatives such as the Barcelona Science Park.

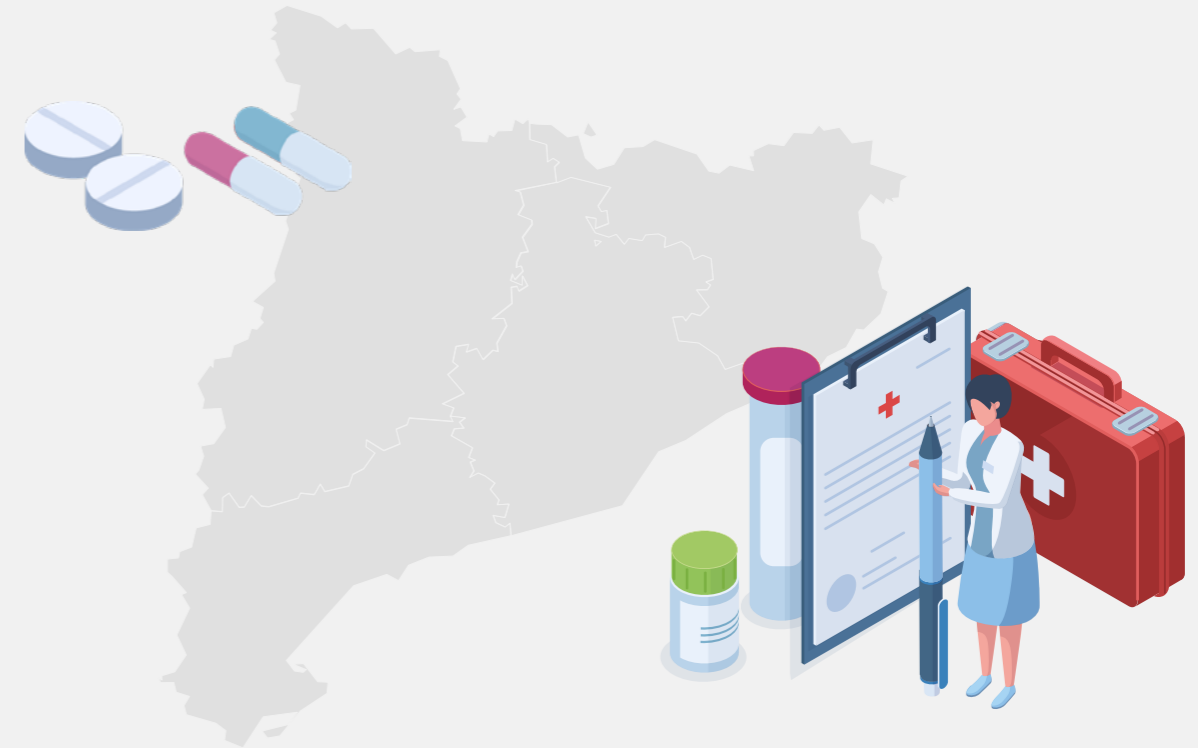
### Leading research institutes

Catalonia is home to eight health research institutes accredited by the Carlos III Health Institute, all part of the *Instituts de Recerca i Innovació en Salut de Catalunya* (IRISCAT) alliance. These

centres are affiliated with university hospitals and are known for their scientific output and participation in clinical trials. They include:

August Pi i Sunyer Biomedical Research Institute (IDIBAPS), Vall d'Hebron Research Institute (VHIR), Bellvitge Biomedical Research Institute (IDIBELL), Germans Trias i Pujol Health Sciences Research Institute (IGTP), Sant Pau Biomedical Research Institute (IIB Sant Pau), Hospital del Mar Medical Research Institute (IMIM), Lleida Biomedical Research Institute (IRBLleida), Parc Taulí Research and Innovation Institute

Also noteworthy is the Dr. Josep Trueta Biomedical Research Institute of Girona (IDIBGI), which coordinates research in the Girona region.



### A community driving public-private collaboration

The Barcelona Science Park (PCB) promotes public-private collaboration by bringing together internationally renowned biomedical research centres, such as The Centre for Genomic Regulation (CRG), Institute for Bioengineering of Catalonia (IBEC), Institute for Research in Biomedicine (IRB Barcelona), National Centre for Genomic Analysis (CNAG), or IrsiCaixa AIDS Research Institute.



### Highly prestigious universities

Catalonia has a crucial university network for training professionals and conducting health research, including The University of Barcelona, Autonomous University of Barcelona, Pompeu Fabra University, University of Lleida, or University of Girona.

Catalonia has a health research ecosystem with international projection, based on reference institutes, universities, and close public-private collaboration.

Report prepared for:

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