



Hosting nearly a third of French production sites, health is a cutting-edge sector in Auvergne-Rhône-Alpes. Proof of this can be seen by the leading players located throughout the territory and their strong presence in every health field.

SPECIFIC FEATURES AND STRENGTHS OF THE SECTOR

With **900 companies based in the region**, the health sector is represented in every area of the sector and throughout the territory.

The manufacture of pharmaceuticals alone employs almost **17,000 people in the region**, in 100 companies, in other words nearly half of all jobs in the sector. More generally, the health industry has **150 manufacturing sites in the region**, that is to say **a third of French sites!**

Auvergne-Rhône-Alpes is the birthplace of life sciences and has an ecosystem comprising key players, among which feature big names in the sector.

This attractiveness is due to the presence of an **environment conducive to sector growth**: professional networks, laboratories and research and training centres. The region's 11 CHU teaching hospitals help to boost research and training.

The presence of **research facilities with international reach** contributes to the territory's appeal. For example, the region has one of the very few Biosafety level 4 laboratories investigating infectious diseases.

These facilities have enabled the development of targeted regional expertise, such as **vaccinology**, for which **Lyon is world renowned**.

Other regional expertise has consequently sprung up in various business activity areas in the region: oncology, medtechs, nutrition, animal health, medical textiles.



KEY FIGURES

FOR THE SECTOR

- **Over 36,000 jobs**
- **900 companies**
- **10% growth in manpower in the region** (versus 1.3% on average in France)
- **#2 French region in terms of companies and jobs**



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MAIN AREAS OF ACTIVITY IN THE SECTOR

- Pharmaceutical industry
- Animal health
- Biotechnologies
- Medtech
- Medical textile

JOB AND TRAINING

THE REGIONAL WORKFORCE ACCOUNTS FOR

22,7%

OF NATIONAL LABOUR IN THE HEALTH INDUSTRY

There is a very broad choice of training courses, especially in life sciences:

- 5 universities have faculties dedicated to biology, medicine, pharmacy, and so forth
- 7 university establishments are specialised in biotechnologies (drug sciences, analysis and control, oncology, infectious diseases, etc.)
- 1 Ecole Normale Supérieure (ENS) offers a specialisation in biology
- 7 engineering "grandes écoles" offer specialisations in biochemistry and biotechnologies, animal health, plant health, healthcare engineering, biomedical instrumentation, medical imaging, bioinformatics.

A training ecosystem enhanced by the strong presence of the network of university hospitals.

THE SECTOR'S ECOSYSTEM



There are **many big national research organisations** (INSERM, CNRS and so forth), global-scale regional infrastructures and research centres such as European Molecular Biology Laboratory (EMBL, for structural biology), IRT Bioaster or indeed Laboratoire P4 Jean-Mérieux Inserm for infectious diseases, Cancéropole CLARA for cancer research, Neurodis for neuroscience and more.



The sector is organised around several clusters and centres of excellence: I-care, Institut Analgesia, MedicAlps, Lyon Biopôle, Techtera, Vegepolys Valley.



Local specialist associations add to the action carried out by clusters such as Cancéropole Lyon Auvergne-Rhône-Alpes, TASDA (Technopôle Alpes Santé à Domicile et Autonomie), etc.



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