

Biotechnology Clusters in Germany

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Germany's biotech industry is thriving. Revenues more than tripled in 2021 compared to the previous record year 2020. The biotech sector workforce increased to 44,500 (2020: 38.500) over the same period. Funding reached EUR 2.4 billion – showing that the record figures of 2020 were not a one-off exception but part of a longer trend.

A major success factor continues to be the close cooperation between biotech companies, research institutes, technology parks, and their local communities – all effectively coordinated by Germany's biotech cluster organizations. In 2021, the number of biotechnology companies in Germany increased to over 774. Biotechnology companies generated a record EUR 26.3 billion in revenue while spending EUR 3.8 billion on research and development activities.

Germany's excellent R&D environment and increased public interest in innovative therapies during the Covid-19 pandemic contributed to the exceptional revenue growth. Every year companies participate in thousands of research projects with partners from industry and research institutes – the resulting scientific output supports Germany's reputation as one of the best ecosystems for biotechnology R&D worldwide.

The "BioRegions" are cluster initiatives for the advancement of modern biotechnology in Germany – ranging from local infrastructure including technology parks to statewide organizations. Over the past three decades, these clusters have become some of the world's leading R&D hubs. Each region is run by a dedicated cluster management and facilitates collaboration between universities, R&D institutes and companies.

Around 30 BioRegions are active members of AK BioRegio "Council of German BioRegions," whose goal is to advance the German biotechnology sector by coordinating and promoting local activities. AK BioRegio advances the exchange between regional initiatives and relays its expertise to political decision-makers.

Germany's Biotechnology Industry in Numbers

EUR 26.3 bn revenue

+279 percent compared to 2019

44,500 employees

+16 percent compared to pre-Corona period

EUR 3.8 bn R&D spending

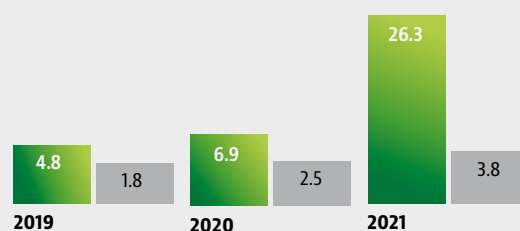
+54 percent increase

774 companies

including 24 listed corporations

Biotech Companies in Germany in EUR billion

● Revenue ● R&D expenditure



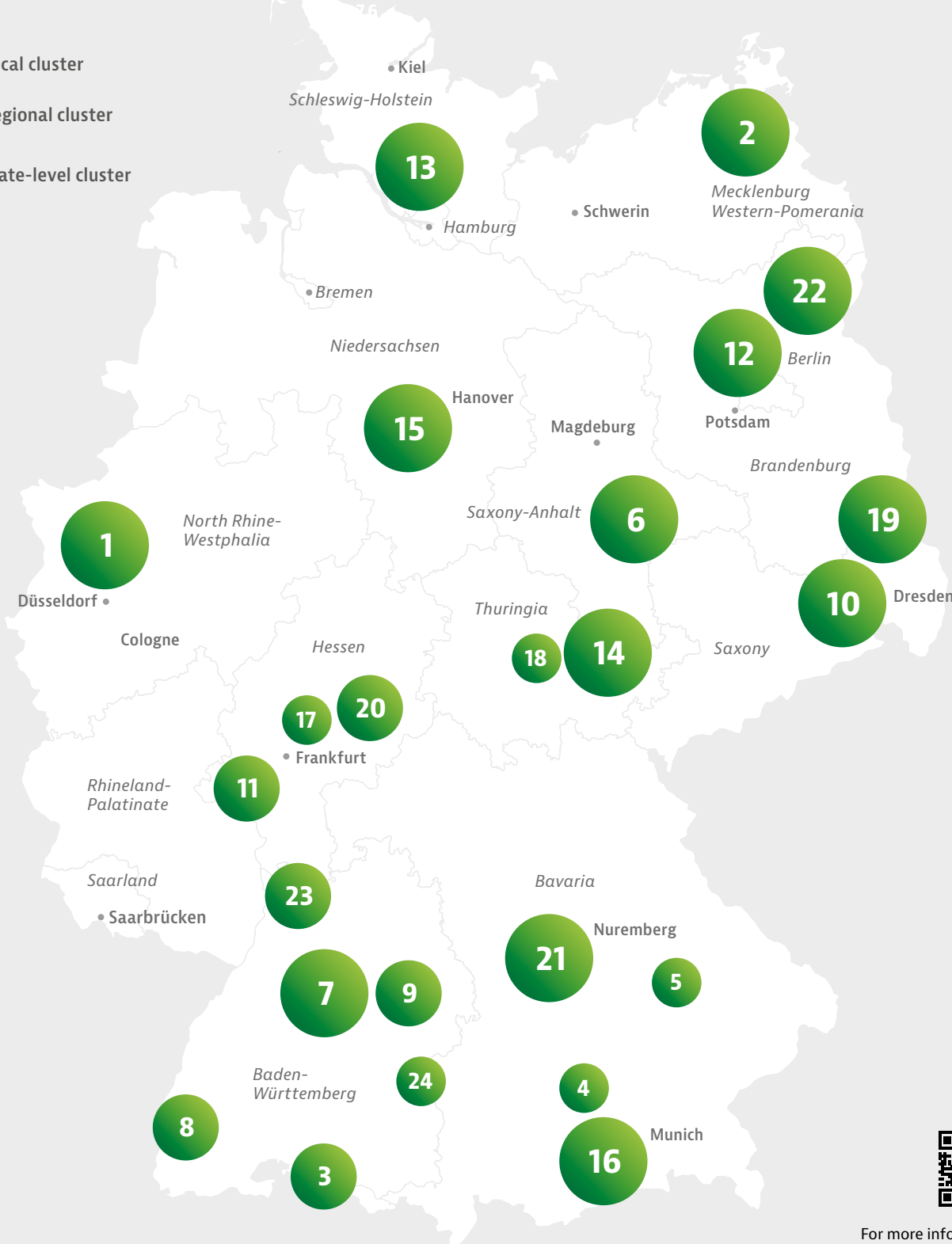
Source: BMWK; Ernst & Young Biotechnologie-Report Deutschland 2021 BIO Deutschland

Biotechnology Clusters in Germany

Biotechnology clusters in Germany include local technology parks and accelerators as well as organizations that operate on a regional or state level. Dedicated cluster managements provide a range of services, such as obtaining funding for joint R&D projects, matching

partners, and providing educational training programs. The map illustrates the location of the clusters. The numbers refer to the corresponding numbers in the table on the right.

- Local cluster
- Regional cluster
- State-level cluster



For more information please check our website.

Biotechnology Clusters by Research Area

Germany's biotechnology clusters span the entire value chain. This table helps to find the right partner in Germany: Find your area of interest to identify clusters that consider this field their focus of expertise.

	MEDICAL	Fundamental Research	Molecular Medicine	Cellular Biology	Pharmaceutical Science	Protein Technology	Stem Cells	Bioinformatics	Drug Discovery/Development	Oncology	Infectious Diseases	CNS/Neurology	Immunology	Age-related Conditions	Respiratory Diseases	Novel Therapy Approaches	Gene Therapy	Cell Therapy	Personalized Medicine	Biomaterials	Synthetic Biology	Medical Technology	Diagnostics/Imaging	Lab and Analytics	(Bio)Medical Engineering	Surgery	Digital Health	Multi-application	Micro/Nanotechnology	Materials Science	Electronics/Photonics
1 BIO.NRW	●		●						●							●								●							
2 BioCon Valley	●															●			●	●			●	●	●	●	●				
3 BioLAGO			●							●	●								●					●	●			●			
4 BioM			●					●	●							●							●			●				●	
5 BioPark Regensburg			●	●				●										●				●				●					
6 BMD Life Sciences	●				●	●				●	●		●						●												
7 BIOPRO																			●				●	●	●			●			
8 BioValley			●					●		●								●	●					●	●				●		
9 BioRegio STERN			●							●									●					●	●	●	●	●			
10 biosaxony			●							●			●					●						●	●		●				
11 CI3		●						●	●							●							●								
12 HealthCapital			●							●		●						●	●					●			●				
13 Life Science Nord			●					●		●	●		●						●					●							
14 medways			●											●					●					●	●		●	●			
15 BioRegioN			●								●	●			●			●							●						
16 Cluster Biotechnology Bavaria			●					●	●							●							●				●				●
17 House of Pharma & Healthcare			●		●								●						●					●	●		●				
18 InfectoGnostics			●					●			●				●									●	●						●
19 glyconetBB			●			●				●									●					●	●					●	
20 PROXYDRUGS		●			●				●	●	●	●				●								●	●						
21 Forum MedTech Pharma	●									●	●	●				●							●	●	●	●	●	●	●		●
22 DiagnostikNet-BB			●					●																●			●			●	●
23 BioRN Network	●	●							●	●			●			●								●							
24 BioPharmaCluster South Germany			●			●	●			●			●					●	●												

Biotechnology Clusters by Field of Activity

	Science & Technology Park	Start-up Incubator	Corporate Membership Base	Events and Networking	Research Institutes	Focus Area
1 BIO.NRW		●	●	●		
2 BioCon Valley			●	●		Health services/healthy aging, digital health
3 BioLAGO				●	●	Diagnostics, pharma, MedTech, eHealth
4 BioM		●			●	Personalized and digital health innovation
5 BioPark Regensburg	●			●	●	
6 BMD Life Sciences	●		●		●	
7 BIOPRO		●	●	●		
8 BioValley	●			●	●	
9 BioRegio STERN	●			●	●	
10 biosaxony		●		●	●	
11 CI3					●	
12 HealthCapital		●	●		●	
13 Life Science Nord		●			●	Hygiene, infection & health, digitalization & precision medicine
14 medways		●		●	●	
15 BioRegion		●		●	●	
16 Cluster Biotechnology Bavaria		●			●	Personalized and digital health
17 House of Pharma & Healthcare			●		●	Pharma and healthcare education, dialogue and research
18 InfectoGnostics	●		●			Infectious diseases diagnostics and research
19 glyconetBB	●		●		●	
20 PROXYDRUGS			●		●	Targeted protein degradation
21 Forum MedTech Pharma	●		●	●		
22 DiagnostikNet-BB			●	●		IVD and laboratory medicine
23 BioRN Network			●	●	●	
24 BioPharmaCluster South Germany	●		●			Virus-based therapeutics

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