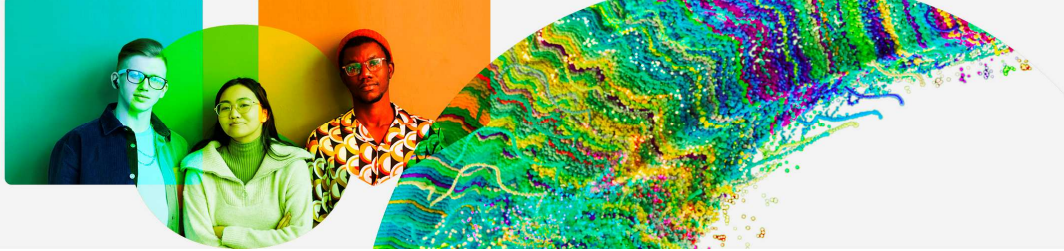


# Global Innovation Index 2024

## Berlin, Germany



Berlin is the fifth-ranked cluster, out of 8 German clusters, that falls within the top 100 S&T clusters in 2024. It filed **814 PCT applications** and published **6,993 scientific articles**, both per 1 million inhabitants over the last five years, making it the:

**45<sup>th</sup>** largest science and technology cluster in 2024

**51<sup>st</sup>** S&T cluster by intensity (relative to population density) in 2024

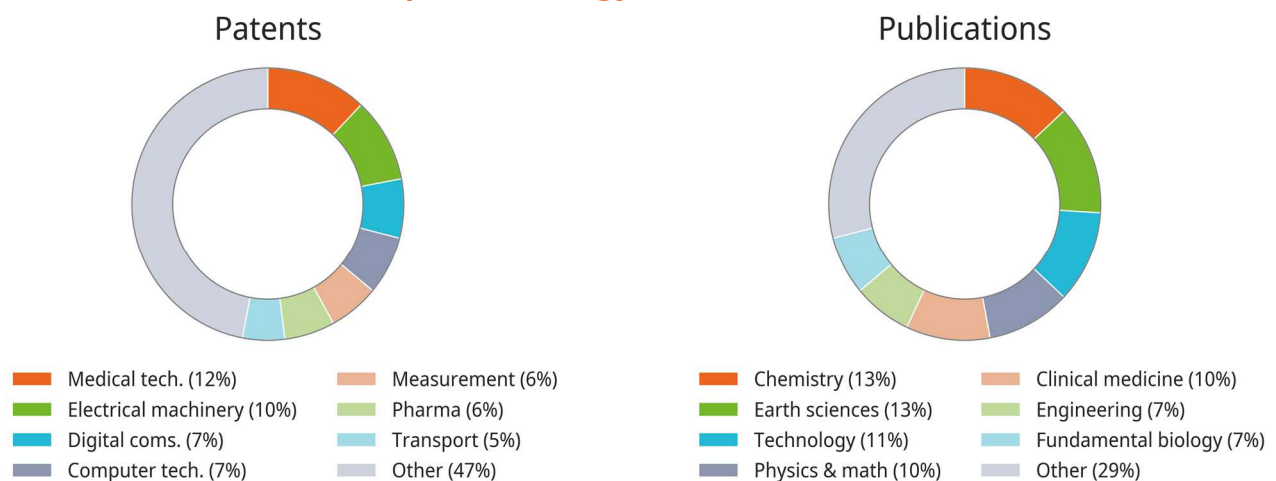
### Top PCT applicants

|   |                         | Patents | Share |
|---|-------------------------|---------|-------|
| 1 | FRAUNHOFER-GESELLSCHAFT | 296     | 8%    |
| 2 | SIEMENS                 | 291     | 8%    |
| 3 | BIOTRONIK SE & CO. KG   | 143     | 4%    |

### Top publishing organizations

|   |                                | Articles | Share |
|---|--------------------------------|----------|-------|
| 1 | HUMBOLDT UNIVERSITY OF BERLIN  | 7,068    | 24%   |
| 2 | FREE UNIVERSITY OF BERLIN      | 3,374    | 11%   |
| 3 | TECHNICAL UNIVERSITY OF BERLIN | 3,360    | 11%   |

### Top technology fields in Berlin



**31%** of Berlin's PCT patent applications are filed in collaboration with other inventors, with **Cologne**, **Munich** and **Frankfurt am Main** emerging as the top collaborative locations.

**73%** of Berlin's scientific articles are published in collaboration with other organizations, with the top three collaborating locations being **Cologne**, **Munich** and **London**.