



Hamburg, Germany

Hamburg is the ninth-ranked cluster, out of 9 German clusters, that falls within the top 100 S&T clusters in 2023. It filed **725 PCT applications** and published **4,714 scientific articles**, both per 1 million inhabitants over the last five years, making it the:

99th largest science and technology cluster in 2023 (unchanged from 2022)

75th S&T cluster by intensity (relative to population density) in 2023 (down four spots from 2022)

Top PCT applicants

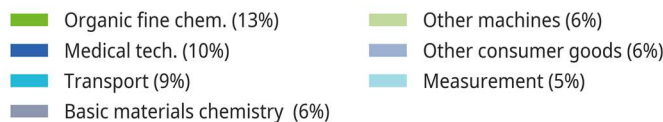
		Patents	Share
1	Beiersdorf	182	10%
2	Tesa Ag	105	6%
3	Airbus Deutschland GmbH	94	5%

Top publishing organizations

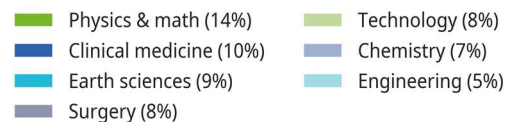
		Articles	Share
1	University of Hamburg	5,692	50%
2	University Medical Center Hamburg-Eppendorf	997	9%
3	Deutsches Elektronen-Synchrotron (Desy)	949	8%

Top technology fields in Hamburg

Patents



Publications



25% of Hamburg's PCT patent applications are filed in collaboration with other inventors, with **Cologne**, **Berlin** and **Munich** emerging as the top collaborative locations.

75% of Hamburg's scientific articles are published in collaboration with other organizations, with the top three collaborating locations being **Berlin**, **Cologne** and **Munich**.