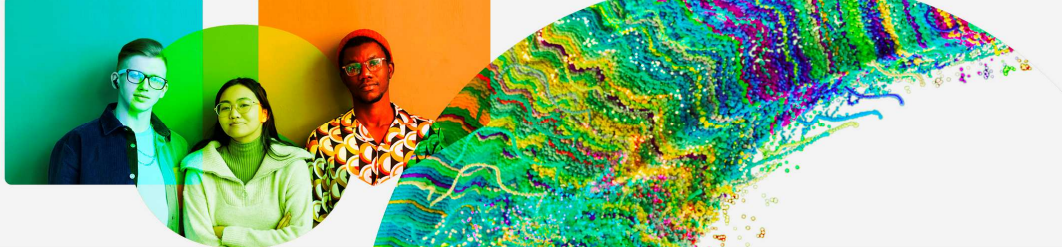


Global Innovation Index 2024



Frankfurt am Main, Germany

Frankfurt am Main is the fourth-ranked cluster, out of 8 German clusters, that falls within the top 100 S&T clusters in 2024. It filed **1,445 PCT applications** and published **4,793 scientific articles**, both per 1 million inhabitants over the last five years, making it the:

43rd largest science and technology cluster in 2024

38th S&T cluster by intensity (relative to population density) in 2024

Top PCT applicants

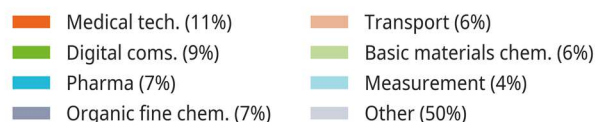
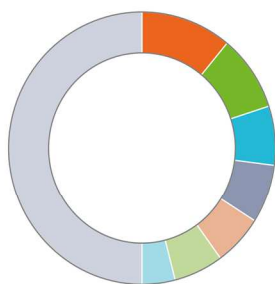
		Patents	Share
1	MERCK PATENT	483	9%
2	LENOVO	303	6%
3	SANOFI-AVENTIS	240	4%

Top publishing organizations

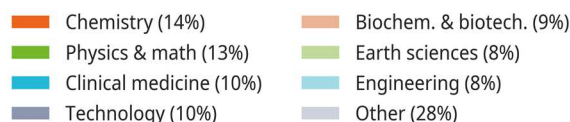
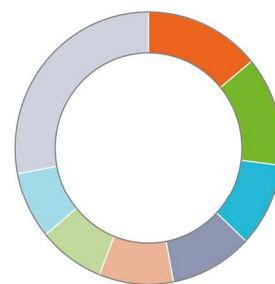
		Articles	Share
1	JOHANNES GUTENBERG UNIVERSITY OF MAINZ	4,073	22%
2	GOETHE UNIVERSITY FRANKFURT	3,182	18%
3	TECHNICAL UNIVERSITY OF DARMSTADT	2,001	11%

Top technology fields in Frankfurt am Main

Patents



Publications



39% of Frankfurt am Main's PCT patent applications are filed in collaboration with other inventors, with **Heidelberg-Mannheim**, **Cologne** and **Chicago** emerging as the top collaborative locations.

74% of Frankfurt am Main's scientific articles are published in collaboration with other organizations, with the top three collaborating locations being **Cologne**, **Berlin** and **Heidelberg-Mannheim**.