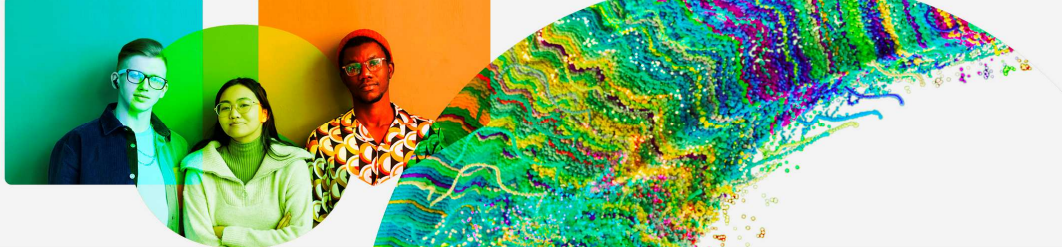


Global Innovation Index 2024



Munich, Germany

Munich is the top-ranked cluster, out of 8 German clusters, that falls within the top 100 S&T clusters in 2024. It filed **3,828 PCT applications** and published **9,734 scientific articles**, both per 1 million inhabitants over the last five years, making it the:

22nd largest science and technology cluster in 2024

10th S&T cluster by intensity (relative to population density) in 2024

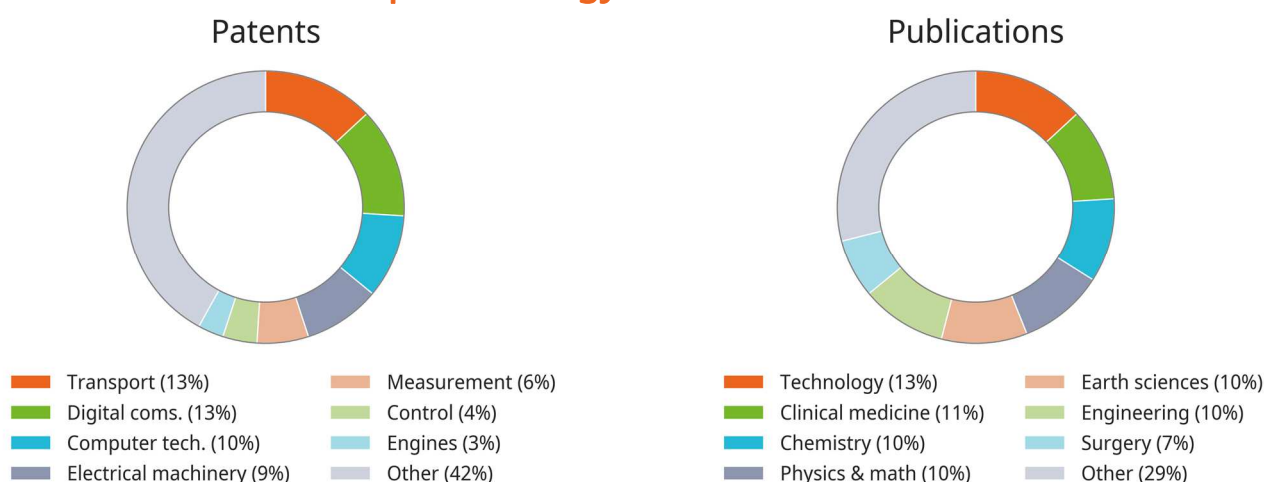
Top PCT applicants

		Patents	Share
1	BMW	1,643	15%
2	HUAWEI	1,379	13%
3	SIEMENS	735	7%

Top publishing organizations

		Articles	Share
1	TECHNICAL UNIVERSITY OF MUNICH	9,757	36%
2	UNIVERSITY OF MUNICH	8,547	32%
3	MAX PLANCK SOCIETY	2,226	8%

Top technology fields in Munich



26% of Munich's PCT patent applications are filed in collaboration with other inventors, with **San Jose–San Francisco**, **Nuremberg–Erlangen** and **Stuttgart** emerging as the top collaborative locations.

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