

Global Innovation Index 2023



Singapore

Singapore is a multi-cluster spanning an area around Malaysia and Singapore. It filed **637 PCT applications** and published **4,824 scientific articles**, both per 1 million inhabitants over the last five years, making it the:

33rd largest science and technology cluster in 2023 (up two spots from 2022)

77th S&T cluster by intensity (relative to population density) in 2023 (up one spot from 2022)

Top PCT applicants

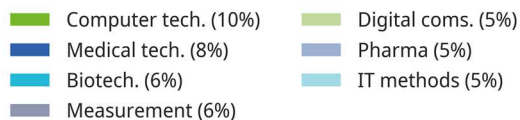
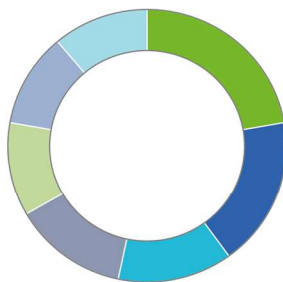
		Patents	Share
1	A*STAR	588	12%
2	National University of Singapore	521	11%
3	Nanyang Technological University	328	7%

Top publishing organizations

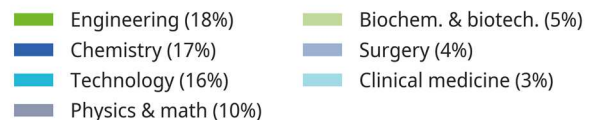
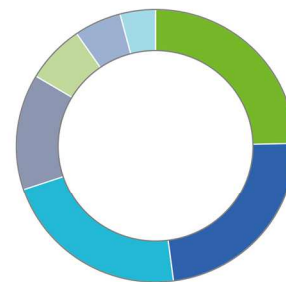
		Articles	Share
1	National University of Singapore	12,783	35%
2	Nanyang Technological University	9,143	25%
3	Universiti Teknologi Malaysia	2,852	8%

Top technology fields in Singapore

Patents



Publications



30% of Singapore's PCT patent applications are filed in collaboration with other inventors, with **San Jose–San Francisco**, **Beijing** and **Tokyo–Yokohama** emerging as the top collaborative locations.

66% of Singapore's scientific articles are published in collaboration with other organizations, with the top three collaborating locations being **Shenzhen–Hong Kong–Guangzhou**, **Beijing** and **Shanghai–Suzhou**.