



Kanazawa, Japan

Kanazawa is the fourth-ranked cluster, out of 4 Japanese clusters, that falls within the top 100 S&T clusters in 2023. It filed **4,184 PCT applications** and published **3,905 scientific articles**, both per 1 million inhabitants over the last five years, making it the:

86th largest science and technology cluster in 2023 (down six spots from 2022)

11th S&T cluster by intensity (relative to population density) in 2023 (up one spot from 2022)

Top PCT applicants

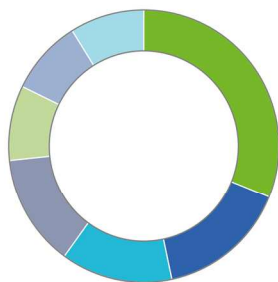
		Patents	Share
1	Fujitsu	995	27%
2	Fujifilm	797	22%
3	Nsk Ltd.	206	6%

Top publishing organizations

		Articles	Share
1	Kanazawa University	2,783	81%
2	Kanazawa Institute of Technology	75	2%
3	Ishikawa Prefecture University	70	2%

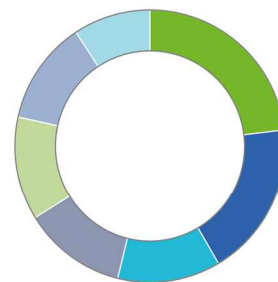
Top technology fields in Kanazawa

Patents



Computer tech. (14%)	Basic materials chemistry (4%)
Digital coms. (7%)	Electrical machinery (4%)
Transport (6%)	Surface tech. (4%)
Optics (6%)	

Publications



Chemistry (15%)	Surgery (8%)
Clinical medicine (12%)	Technology (8%)
Biochem. & biotech. (8%)	Engineering (6%)
Physics & math (8%)	

14% of Kanazawa's PCT patent applications are filed in collaboration with other inventors, with **Tokyo-Yokohama, Osaka-Kobe-Kyoto** and **Nagoya** emerging as the top collaborative locations.

68% of Kanazawa's scientific articles are published in collaboration with other organizations, with the top three collaborating locations being **Tokyo-Yokohama, Osaka-Kobe-Kyoto** and **Nagoya**.