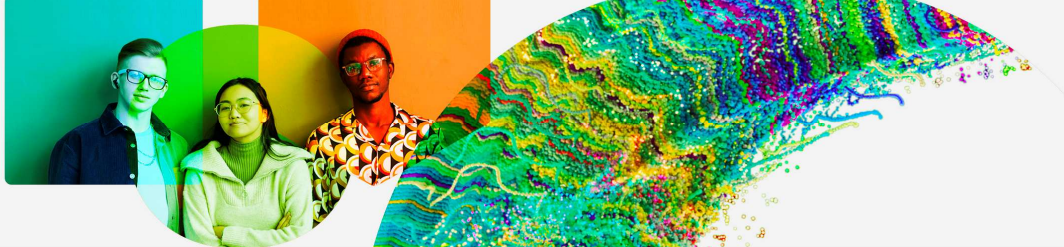


Global Innovation Index 2024



Osaka–Kobe–Kyoto, Japan

Osaka–Kobe–Kyoto is the second-ranked cluster, out of 3 Japanese clusters, that falls within the top 100 S&T clusters in 2024. It filed **2,435 PCT applications** and published **3,341 scientific articles**, both per 1 million inhabitants over the last five years, making it the:

7th largest science and technology cluster in 2024

29th S&T cluster by intensity (relative to population density) in 2024

Top PCT applicants

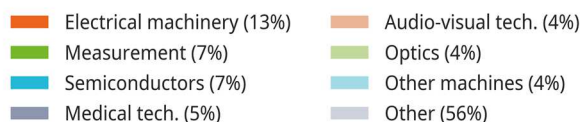
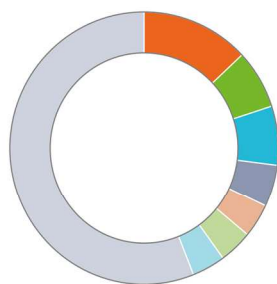
		Patents	Share
1	MURATA MANUFACTURING	3,999	10%
2	KYOCERA	2,567	7%
3	NITTO DENKO	2,053	5%

Top publishing organizations

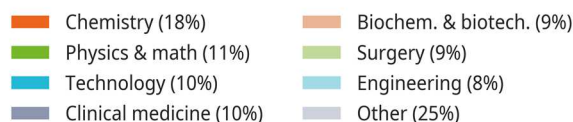
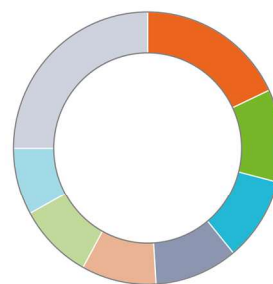
		Articles	Share
1	KYOTO UNIVERSITY	12,226	23%
2	OSAKA UNIVERSITY	9,894	19%
3	KOBE UNIVERSITY	3,533	7%

Top technology fields in Osaka–Kobe–Kyoto

Patents



Publications



12% of Osaka–Kobe–Kyoto's PCT patent applications are filed in collaboration with other inventors, with **Tokyo–Yokohama**, **Nagoya** and **Shanghai–Suzhou** emerging as the top collaborative locations.

62% of Osaka–Kobe–Kyoto's scientific articles are published in collaboration with other organizations, with the top three collaborating locations being **Tokyo–Yokohama**, **Nagoya** and **Fukuoka**.