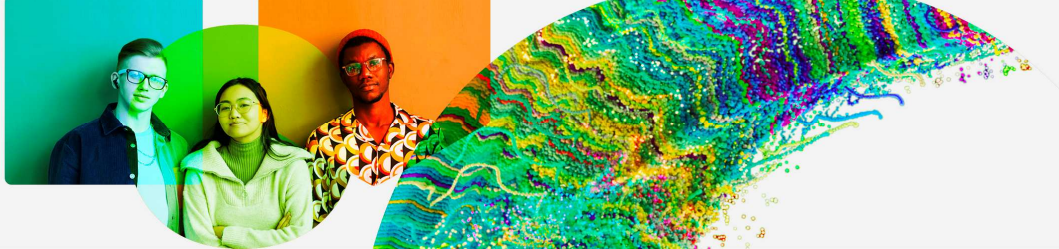


# Global Innovation Index 2024

## Nagoya, Japan



Nagoya is the third-ranked cluster, out of 3 Japanese clusters, that falls within the top 100 S&T clusters in 2024. It filed **1,860 PCT applications** and published **2,290 scientific articles**, both per 1 million inhabitants over the last five years, making it the:

**15<sup>th</sup>** largest science and technology cluster in 2024

**37<sup>th</sup>** S&T cluster by intensity (relative to population density) in 2024

### Top PCT applicants

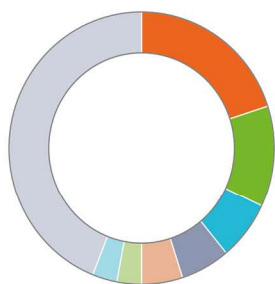
		Patents	Share
1	DENSO	4,562	27%
2	AUTONETWORKS TECHNOLOGIES	1,510	9%
3	FUJI	1,224	7%

### Top publishing organizations

		Articles	Share
1	NAGOYA UNIVERSITY	7,457	35%
2	GIFU UNIVERSITY	1,640	8%
3	MIE UNIVERSITY	1,274	6%

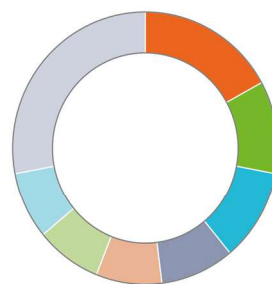
### Top technology fields in Nagoya

Patents



Electrical machinery (20%)	Mechanical elements (5%)
Transport (12%)	Medical tech. (3%)
Measurement (7%)	Control (3%)
Audio-visual tech. (6%)	Other (44%)

Publications



Chemistry (17%)	Engineering (8%)
Clinical medicine (11%)	Surgery (8%)
Physics & math (11%)	Biochem. & biotech. (8%)
Technology (9%)	Other (28%)

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

**67%** of Nagoya's scientific articles are published in collaboration with other organizations, with the top three collaborating locations being **Tokyo-Yokohama**, **Osaka-Kobe-Kyoto** and **Fukuoka**.