



Busan, Republic of Korea

Busan is the third-ranked cluster, out of 4 Korean clusters, that falls within the top 100 S&T clusters in 2023. It filed **563 PCT applications** and published **3,941 scientific articles**, both per 1 million inhabitants over the last five years, making it the:

74th largest science and technology cluster in 2023 (up one spot from 2022)

84th S&T cluster by intensity (relative to population density) in 2023 (up one spot from 2022)

Top PCT applicants

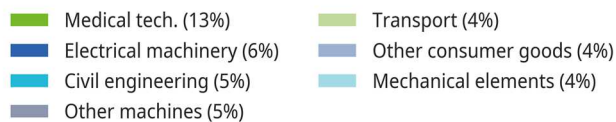
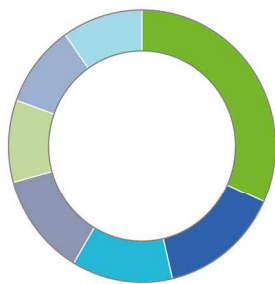
		Patents	Share
1	Pusan National University	112	5%
2	Pukyong National University	64	3%
3	Inje University	59	3%

Top publishing organizations

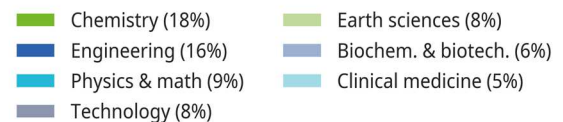
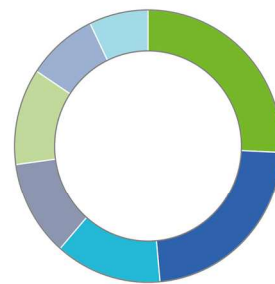
		Articles	Share
1	Pusan National University	3,900	24%
2	Pukyong National University	2,196	14%
3	Hanyang University	1,643	10%

Top technology fields in Busan

Patents



Publications



38% of Busan's PCT patent applications are filed in collaboration with other inventors, with **Seoul, Daejeon** and **Daegu** emerging as the top collaborative locations.

61% of Busan's scientific articles are published in collaboration with other organizations, with the top three collaborating locations being **Seoul, Daejeon** and **Daegu**.