



## Ankara, Turkey

Ankara is the second-ranked cluster, out of 2 Turkish clusters, that falls within the top 100 S&T clusters in 2023. It filed **152 PCT applications** and published **4,180 scientific articles**, both per 1 million inhabitants over the last five years, making it the:

**87<sup>th</sup>** largest science and technology cluster in 2023 (down one spot from 2022)

**93<sup>rd</sup>** S&T cluster by intensity (relative to population density) in 2023 (down one spot from 2022)

### Top PCT applicants

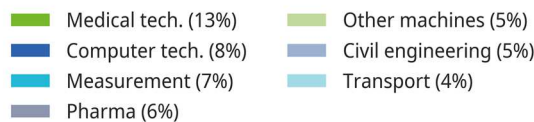
		Patents	Share
1	Aselsan Elektronik Sanayi Ve Ticaret A.S.	87	12%
2	Orta Dogu Teknik Universitesi	31	4%
3	Fnss Savunma Sistemleri Anonim Sirketi	27	4%

### Top publishing organizations

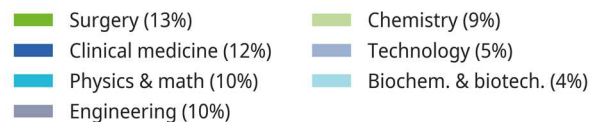
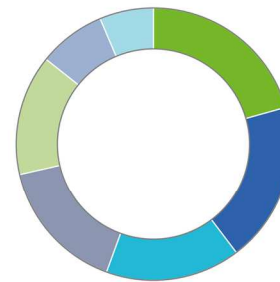
		Articles	Share
1	Hacettepe University	3,811	19%
2	Gazi University	2,726	13%
3	Ankara University	2,717	13%

### Top technology fields in Ankara

Patents



Publications



**9%** of Ankara's PCT patent applications are filed in collaboration with other inventors, with **Istanbul**, **Stockholm** and **Boston-Cambridge** emerging as the top collaborative locations.

**33%** of Ankara's scientific articles are published in collaboration with other organizations, with the top three collaborating locations being **Istanbul**, **London** and **Boston-Cambridge**.