

## Chicago, United States

Chicago is the ninth-ranked cluster, out of 21 American clusters, that falls within the top 100 S&T clusters in 2023. It filed **835 PCT applications** and published **4,687 scientific articles**, both per 1 million inhabitants over the last five years, making it the:

**32<sup>nd</sup>** largest science and technology cluster in 2023 (down two spots from 2022)

**65<sup>th</sup>** S&T cluster by intensity (relative to population density) in 2023 (down four spots from 2022)

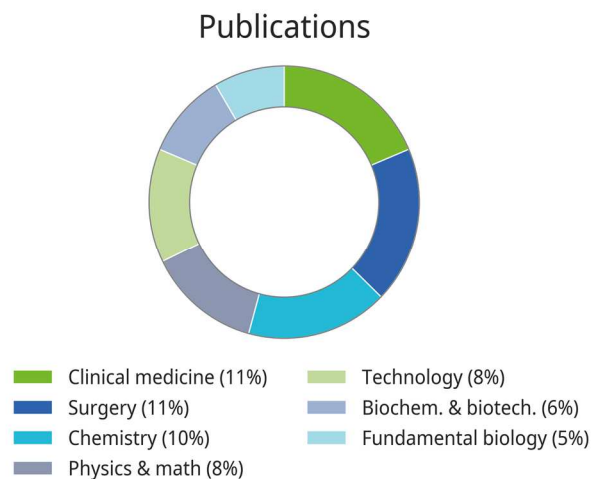
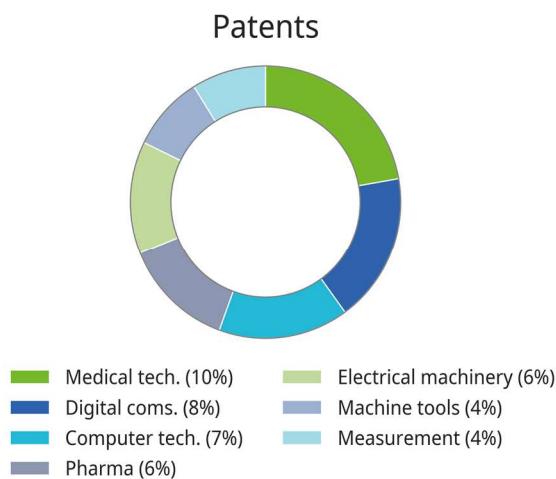
### Top PCT applicants

		Patents	Share
1	Illinois Tool Works	855	15%
2	Northwestern University	402	7%
3	Lenovo	176	3%

### Top publishing organizations

		Articles	Share
1	Northwestern University	6,541	20%
2	University of Chicago	6,227	19%
3	University of Illinois Chicago	5,258	16%

### Top technology fields in Chicago



**28%** of Chicago's PCT patent applications are filed in collaboration with other inventors, with **Frankfurt am Main**, **San Jose–San Francisco** and **Boston–Cambridge** emerging as the top collaborative locations.

**73%** of Chicago's scientific articles are published in collaboration with other organizations, with the top three collaborating locations being **New York City**, **Boston–Cambridge** and **Washington**.