



## Toronto, Canada

Toronto is the top-ranked cluster, out of 4 Canadian clusters, that falls within the top 100 S&T clusters in 2023. It filed **613 PCT applications** and published **6,446 scientific articles**, both per 1 million inhabitants over the last five years, making it the:

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

**62<sup>nd</sup>** S&T cluster by intensity (relative to population density) in 2023 (up one spot from 2022)

### Top PCT applicants

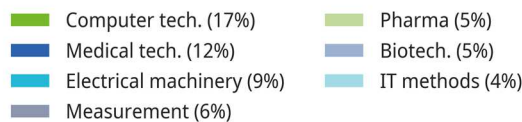
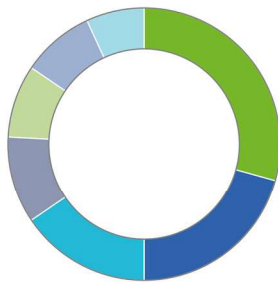
		Patents	Share
1	DH Technologies Development	172	6%
2	Huawei	148	5%
3	University of Toronto	119	4%

### Top publishing organizations

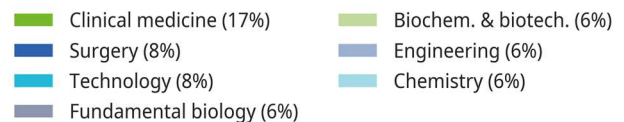
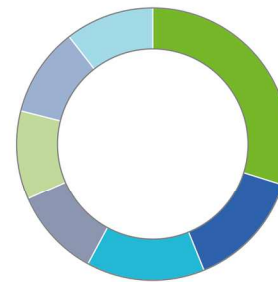
		Articles	Share
1	University of Toronto	14,004	48%
2	University Health Network Toronto	2,512	9%
3	Hospital for Sick Children	2,048	7%

### Top technology fields in Toronto

Patents



Publications



**30%** of Toronto's PCT patent applications are filed in collaboration with other inventors, with **San Jose–San Francisco**, **Ottawa** and **Kitchener** emerging as the top collaborative locations.

**67%** of Toronto's scientific articles are published in collaboration with other organizations, with the top three collaborating locations being **Boston–Cambridge**, **New York City** and **Montréal**.