



## Washington, United States

Washington is the sixth-ranked cluster, out of 21 American clusters, that falls within the top 100 S&T clusters in 2023. It filed **794 PCT applications** and published **10,927 scientific articles**, both per 1 million inhabitants over the last five years, making it the:

**17<sup>th</sup>** largest science and technology cluster in 2023 (unchanged from 2022)

**33<sup>rd</sup>** S&T cluster by intensity (relative to population density) in 2023 (up three spots from 2022)

### Top PCT applicants

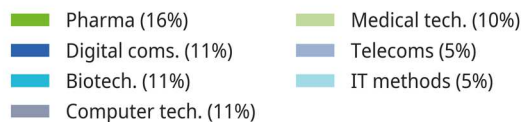
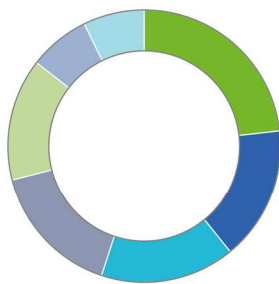
		Patents	Share
1	Johns Hopkins University	531	10%
2	HHS	306	6%
3	Capital One Services	290	5%

### Top publishing organizations

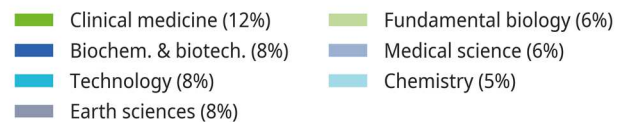
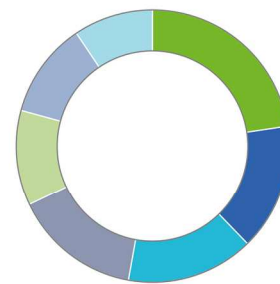
		Articles	Share
1	Johns Hopkins University	11,211	15%
2	University of Maryland College Park	6,664	9%
3	University of Maryland Baltimore	4,028	5%

### Top technology fields in Washington

Patents



Publications



**33%** of Washington's PCT patent applications are filed in collaboration with other inventors, with **Boston-Cambridge**, **San Jose-San Francisco** and **New York City** emerging as the top collaborative locations.

**71%** of Washington's scientific articles are published in collaboration with other organizations, with the top three collaborating locations being **Boston-Cambridge**, **New York City** and **San Jose-San Francisco**.