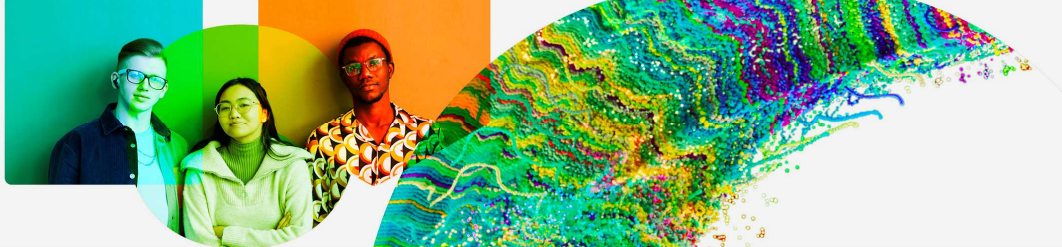


Global Innovation Index 2024



Washington, United States

Washington is the sixth-ranked cluster, out of 20 American clusters, that falls within the top 100 S&T clusters in 2024. It filed **838 PCT applications** and published **10,327 scientific articles**, both per 1 million inhabitants over the last five years, making it the:

19th largest science and technology cluster in 2024

34th S&T cluster by intensity (relative to population density) in 2024

Top PCT applicants

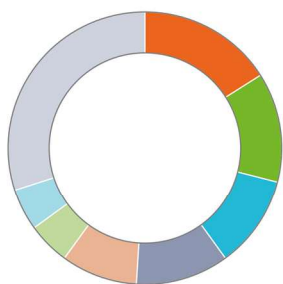
		Patents	Share
1	JOHNS HOPKINS UNIVERSITY	575	10%
2	CAPITAL ONE SERVICES	403	7%
3	HHS	303	5%

Top publishing organizations

		Articles	Share
1	JOHNS HOPKINS UNIVERSITY	10,489	14%
2	UNIVERSITY OF MARYLAND COLLEGE PARK	6,272	9%
3	UNIVERSITY OF MARYLAND BALTIMORE	3,984	6%

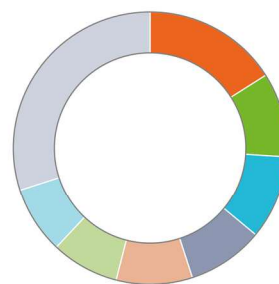
Top technology fields in Washington

Patents



Pharma (16%)	Medical tech. (9%)
Digital coms. (13%)	IT methods (5%)
Computer tech. (11%)	Telecoms (5%)
Biotech. (11%)	Other (30%)

Publications



Clinical medicine (16%)	Biochem. & biotech. (9%)
Technology (10%)	Medical science (8%)
Earth sciences (10%)	Surgery (8%)
Fundamental biology (9%)	Other (30%)

32% 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.

72% of Washington's scientific articles are published in collaboration with other organizations, with the top three collaborating locations being **New York City**, **Boston-Cambridge** and **San Jose-San Francisco**.