



Seattle, United States

Seattle is the seventh-ranked cluster, out of 21 American clusters, that falls within the top 100 S&T clusters in 2023. It filed **4,541 PCT applications** and published **8,045 scientific articles**, both per 1 million inhabitants over the last five years, making it the:

21st largest science and technology cluster in 2023 (down two spots from 2022)

9th S&T cluster by intensity (relative to population density) in 2023 (unchanged from 2022)

Top PCT applicants

		Patents	Share
1	Microsoft	6,863	60%
2	Amazon Technologies	626	5%
3	Tmobile Usa	309	3%

Top publishing organizations

		Articles	Share
1	University of Washington Seattle	13,506	67%
2	Fred Hutchinson Cancer Center	1,152	6%
3	Seattle Children'S Hospital	690	3%

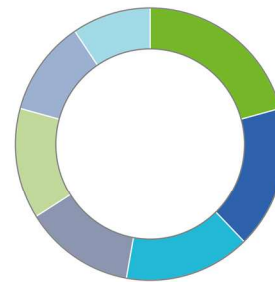
Top technology fields in Seattle

Patents



Computer tech. (42%)	Biotech. (4%)
Digital coms. (13%)	Audio-visual tech. (4%)
IT methods (6%)	Medical tech. (4%)
Pharma (4%)	

Publications



Clinical medicine (11%)	Medical science (7%)
Technology (9%)	Fundamental biology (6%)
Earth sciences (8%)	Physics & math (5%)
Biochem. & biotech. (7%)	

13% of Seattle's PCT patent applications are filed in collaboration with other inventors, with **San Jose–San Francisco**, **Boston–Cambridge** and **New York City** emerging as the top collaborative locations.

76% of Seattle's scientific articles are published in collaboration with other organizations, with the top three collaborating locations being **Washington**, **Boston–Cambridge** and **San Jose–San Francisco**.