



Pittsburgh, United States

Pittsburgh is the eighteenth-ranked cluster, out of 21 American clusters, that falls within the top 100 S&T clusters in 2023. It filed **1,339 PCT applications** and published **12,218 scientific articles**, both per 1 million inhabitants over the last five years, making it the:

78th largest science and technology cluster in 2023 (up one spot from 2022)

24th S&T cluster by intensity (relative to population density) in 2023 (up three spots from 2022)

Top PCT applicants

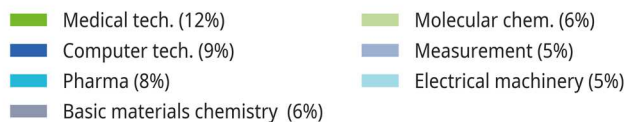
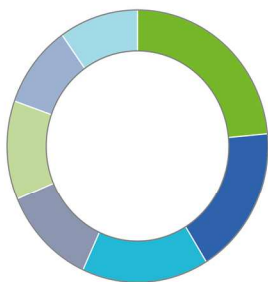
		Patents	Share
1	University of Pittsburgh	293	16%
2	Ppg Industries Ohio, Inc.	179	10%
3	Carnegie Mellon University	145	8%

Top publishing organizations

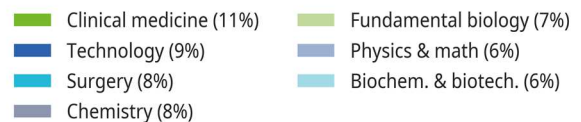
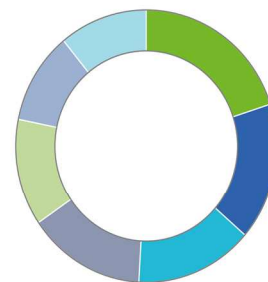
		Articles	Share
1	University of Pittsburgh	11,360	67%
2	Carnegie Mellon University	3,432	20%
3	Duquesne University	285	2%

Top technology fields in Pittsburgh

Patents



Publications



30% of Pittsburgh'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 Pittsburgh's scientific articles are published in collaboration with other organizations, with the top three collaborating locations being **Boston-Cambridge**, **Washington** and **New York City**.