



Oxford, United Kingdom

Oxford is the third-ranked cluster, out of 3 British clusters, that falls within the top 100 S&T clusters in 2023. It filed **2,934 PCT applications** and published **34,176 scientific articles**, both per 1 million inhabitants over the last five years, making it the:

79th largest science and technology cluster in 2023 (down two spots from 2022)

3rd S&T cluster by intensity (relative to population density) in 2023 (unchanged from 2022)

Top PCT applicants

		Patents	Share
1	Oxford University	373	24%
2	Element Six (Uk) Limited	70	4%
3	Owen Mumford Limited	50	3%

Top publishing organizations

		Articles	Share
1	Oxford University	14,335	78%
2	Stfc Rutherford Appleton Laboratory	440	2%
3	Oxford University Hospitals Nhs Foundation Trust	418	2%

Top technology fields in Oxford

Patents



Biotech. (13%)	Electrical machinery (7%)
Pharma (10%)	Measurement (7%)
Medical tech. (10%)	Optics (4%)
Computer tech. (8%)	

Publications



Physics & math (15%)	Clinical medicine (8%)
Technology (12%)	Biochem. & biotech. (7%)
Chemistry (11%)	Fundamental biology (4%)
Earth sciences (8%)	

26% of Oxford's PCT patent applications are filed in collaboration with other inventors, with **London, Boston-Cambridge** and **San Jose-San Francisco** emerging as the top collaborative locations.

81% of Oxford's scientific articles are published in collaboration with other organizations, with the top three collaborating locations being **London, Cambridge** and **Boston-Cambridge**.