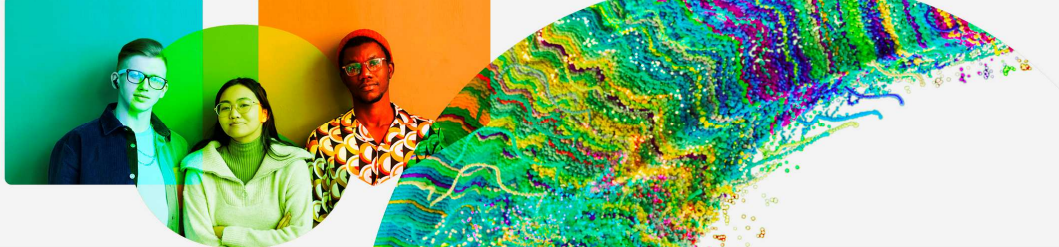


Global Innovation Index 2024



Boston–Cambridge, United States

Boston–Cambridge is the second-ranked cluster, out of 20 American clusters, that falls within the top 100 S&T clusters in 2024. It filed **4,462 PCT applications** and published **17,934 scientific articles**, both per 1 million inhabitants over the last five years, making it the:

8th largest science and technology cluster in 2024

5th S&T cluster by intensity (relative to population density) in 2024

Top PCT applicants

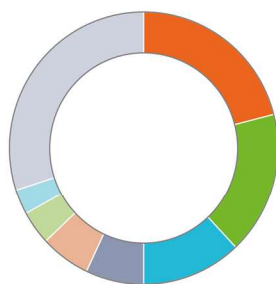
		Patents	Share
1	MIT	900	5%
2	HARVARD UNIVERSITY	497	3%
3	GENERAL HOSPITAL	407	2%

Top publishing organizations

		Articles	Share
1	MIT	10,631	14%
2	HARVARD MEDICAL SCHOOL	9,601	13%
3	HARVARD UNIVERSITY	7,917	10%

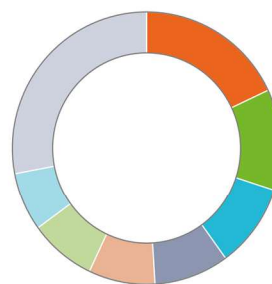
Top technology fields in Boston–Cambridge

Patents



Pharma (21%)	Organic fine chem. (6%)
Biotech. (17%)	Measurement (4%)
Medical tech. (12%)	Electrical machinery (3%)
Computer tech. (7%)	Other (30%)

Publications



Clinical medicine (18%)	Fundamental biology (8%)
Technology (12%)	Medical science (8%)
Surgery (10%)	Physics & math (7%)
Biochem. & biotech. (9%)	Other (28%)

29% of Boston–Cambridge's PCT patent applications are filed in collaboration with other inventors, with **San Jose–San Francisco**, **New York City** and **Washington** emerging as the top collaborative locations.

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