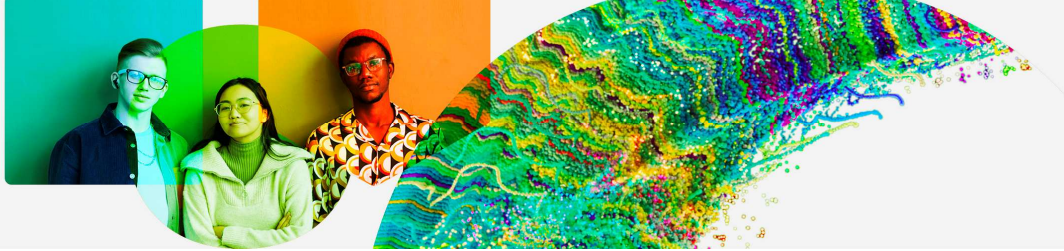


# Global Innovation Index 2024

## Milan, Italy



Milan is the top-ranked cluster, out of 2 Italian clusters, that falls within the top 100 S&T clusters in 2024. It filed **585 PCT applications** and published **7,001 scientific articles**, both per 1 million inhabitants over the last five years, making it the:

**52<sup>nd</sup>** largest science and technology cluster in 2024

**59<sup>th</sup>** S&T cluster by intensity (relative to population density) in 2024

### Top PCT applicants

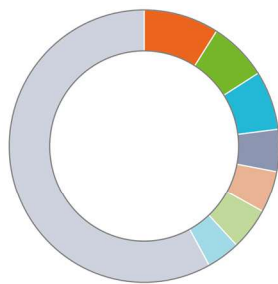
		Patents	Share
1	PIRELLI TYRE	212	8%
2	POLITECNICO DI MILANO	130	5%
3	SOLVAY SPECIALTY POLYMERS ITALY S.P.A.	83	3%

### Top publishing organizations

		Articles	Share
1	UNIVERSITY OF MILAN	5,659	18%
2	POLYTECHNIC UNIVERSITY OF MILAN	5,192	16%
3	UNIVERSITY OF MILANO-BICOCCA	2,551	8%

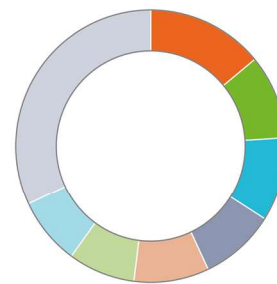
### Top technology fields in Milan

Patents



Pharma (9%)	Electrical machinery (5%)
Transport (7%)	Computer tech. (5%)
Medical tech. (7%)	Organic fine chem. (4%)
Other machines (5%)	Other (58%)

Publications



Clinical medicine (14%)	Chemistry (9%)
Engineering (10%)	Physics & math (8%)
Surgery (10%)	Fundamental biology (8%)
Technology (9%)	Other (32%)

**20%** of Milan's PCT patent applications are filed in collaboration with other inventors, with **Turin, Rome** and **Genoa** emerging as the top collaborative locations.

**68%** of Milan's scientific articles are published in collaboration with other organizations, with the top three collaborating locations being **Rome, London** and **Paris**.