



Tel Aviv-Jerusalem, Israel

Tel Aviv-Jerusalem is the only cluster within Israel that falls within the top 100 S&T clusters in 2023. It filed **1,007 PCT applications** and published **3,357 scientific articles**, both per 1 million inhabitants over the last five years, making it the:

30th largest science and technology cluster in 2023 (up one spot from 2022)

71st S&T cluster by intensity (relative to population density) in 2023 (down three spots from 2022)

Top PCT applicants

Patents Share

Rank	Organization	Patents	Share
1	Yeda Research & Development	178	2%
2	Tel Aviv University	174	2%
3	Hebrew University of Jerusalem	169	2%

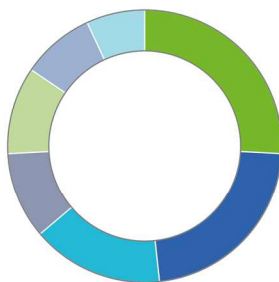
Top publishing organizations

Articles Share

Rank	Organization	Articles	Share
1	Hebrew University of Jerusalem	5,250	22%
2	Tel Aviv University	4,309	18%
3	Sackler Faculty of Medicine	4,146	17%

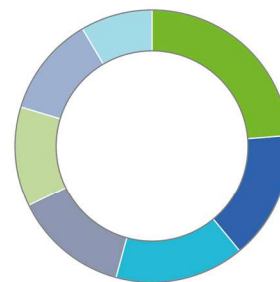
Top technology fields in Tel Aviv-Jerusalem

Patents



Medical tech. (15%)	Digital coms. (6%)
Computer tech. (13%)	Biotech. (5%)
Pharma (9%)	Other machines (4%)
Measurement (6%)	

Publications



Physics & math (14%)	Surgery (7%)
Clinical medicine (9%)	Biochem. & biotech. (7%)
Technology (9%)	Fundamental biology (5%)
Chemistry (8%)	

25% of Tel Aviv-Jerusalem's PCT patent applications are filed in collaboration with other inventors, with **Haifa**, **San Jose-San Francisco** and **Portland** emerging as the top collaborative locations.

57% of Tel Aviv-Jerusalem's scientific articles are published in collaboration with other organizations, with the top three collaborating locations being **Haifa**, **New York City** and **Boston-Cambridge**.