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)
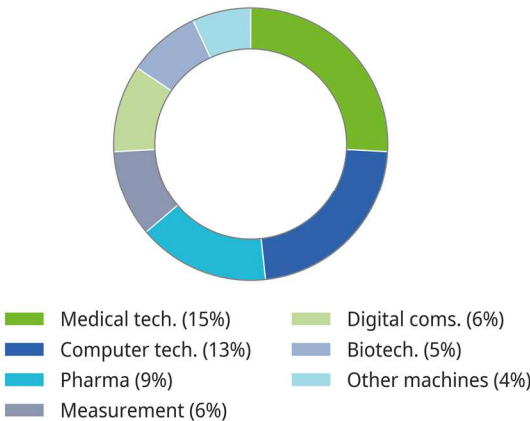
Top PCT applicants

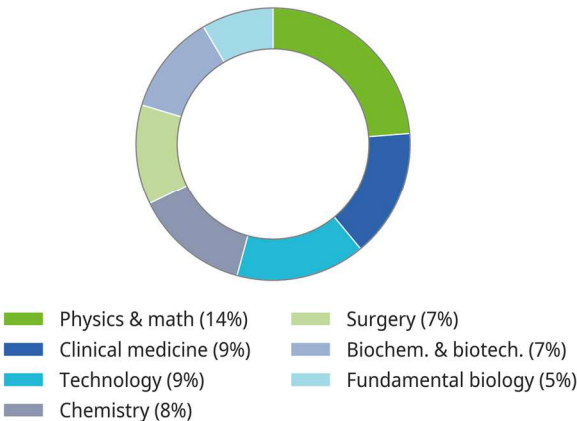|		Patents	Share
1	Yeda Research & Development	178	2%
2	Tel Aviv University	174	2%
3	Hebrew University of Jerusalem	169	2%

Top publishing organizations

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

Publications

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

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.