

Biggest Global Innovation Index (GII) S&T Clusters

Cluster rank	Cluster name	Economy
1	Tokyo–Yokohama	JP
2	Shenzhen–Hong Kong–Guangzhou	CN/HK
3	Beijing	CN
4	Seoul	KR
5	San Jose–San Francisco, CA	US
6	Shanghai–Suzhou	CN
7	Osaka–Kobe–Kyoto	JP
8	Boston–Cambridge, MA	US
9	New York City, NY	US
10	Paris	FR
11	San Diego, CA	US
12	Nagoya	JP
13	Nanjing	CN
14	Hangzhou	CN
15	Los Angeles, CA	US
16	Wuhan	CN
17	Washington, DC–Baltimore, MD	US
18	Seattle, WA	US
19	London	GB
20	Daejeon	KR
21	Houston, TX	US
22	Xi'an	CN
23	Cologne	DE
24	Munich	DE
25	Amsterdam–Rotterdam	NL
26	Taipei–Hsinchu	TW*
27	Chicago, IL	US
28	Stuttgart	DE
29	Chengdu	CN
30	Tel Aviv–Jerusalem	IL
31	Moscow	RU
32	Tehran	IR
33	Singapore	SG
34	Qingdao	CN
35	Stockholm	SE
36	Eindhoven	BE/NL
37	Tianjin	CN
38	Minneapolis, MN	US
39	Melbourne	AU
40	Berlin	DE
41	Changsha	CN
42	Frankfurt am Main	DE
43	Sydney	AU
44	Philadelphia, PA	US
45	Raleigh, NC	US
46	Istanbul	TR
47	Brussels	BE
48	Madrid	ES
49	Chongqing	CN
50	Barcelona	ES

Cluster rank	Cluster name	Economy
51	Zürich	CH/DE
52	Portland, OR	US
53	Milan	IT
54	Toronto, ON	CA
55	Hefei	CN
56	Harbin	CN
57	Montréal, QC	CA
58	Heidelberg–Mannheim	DE
59	Copenhagen	DK
60	Bengaluru	IN
61	Jinan	CN
62	Cambridge	GB
63	Changchun	CN
64	Delhi	IN
65	Denver, CO	US
66	Atlanta, GA	US
67	Rome	IT
68	Shenyang	CN
69	Cincinnati, OH	US
70	Nuremberg–Erlangen	DE
71	São Paulo	BR
72	Dalian	CN
73	Helsinki	FI
74	Busan	KR
75	Dallas, TX	US
76	Vienna	AT
77	Ann Arbor, MI	US
78	Oxford	GB
79	Pittsburgh, PA	US
80	Kanazawa	JP
81	Lyon	FR
82	Vancouver, BC	CA
83	Zhengzhou	CN
84	Mumbai	IN
85	Hamamatsu	JP
86	Ankara	TR
87	Ottawa, ON	CA
88	Daegu	KR
89	Phoenix, AZ	US
90	Austin, TX	US
91	Xiamen	CN
92	Warsaw	PL
93	Lausanne	CH/FR
94	Brisbane	AU
95	Hamburg	DE
96	Lund–Malmö	SE
97	Chennai	IN
98	Göteborg	SE
99	Basel	CH/DE/FR
100	Lanzhou	CN

Source: WIPO Statistics Database, April 2022.

The codes given in the tables in this appendix are the ISO alpha-2 country codes, with the following addition: *TW = Taiwan Province of China.