

Most-Intensive Global Innovation Index (GII) S&T Clusters

Intensity rank	Cluster name	Economy
1	Cambridge	GB
2	Eindhoven	BE/NL
3	Daejeon	KR
4	San Jose–San Francisco, CA	US
5	Oxford	GB
6	Boston–Cambridge, MA	US
7	Ann Arbor, MI	US
8	San Diego, CA	US
9	Seattle, WA	US
10	Lund–Malmö	SE
11	Lausanne	CH/FR
12	Raleigh, NC	US
13	Munich	DE
14	Kanazawa	JP
15	Stockholm	SE
16	Göteborg	SE
17	Helsinki	FI
18	Nuremberg–Erlangen	DE
19	Zürich	CH/DE
20	Tokyo–Yokohama	JP
21	Copenhagen	DK
22	Beijing	CN
23	Stuttgart	DE
24	Basel	CH/DE/FR
25	Portland, OR	US
26	Minneapolis, MN	US
27	Hamamatsu	JP
28	Pittsburgh, PA	US
29	Heidelberg–Mannheim	DE
30	Ottawa, ON	CA
31	Seoul	KR
32	Cincinnati, OH	US
33	Nanjing	CN
34	Washington, DC–Baltimore, MD	US
35	Houston, TX	US
36	Osaka–Kobe–Kyoto	JP
37	Austin, TX	US
38	Nagoya	JP
39	Shenzhen–Hong Kong–Guangzhou	CN/HK
40	Hangzhou	CN
41	Lyon	FR
42	Sydney	AU
43	Frankfurt am Main	DE
44	Xi'an	CN
45	Vancouver, BC	CA
46	Paris	FR
47	Melbourne	AU
48	Atlanta, GA	US
49	Changsha	CN
50	Qingdao	CN

Intensity rank	Cluster name	Economy
51	Berlin	DE
52	Vienna	AT
53	Wuhan	CN
54	Denver, CO	US
55	Amsterdam–Rotterdam	NL
56	Philadelphia, PA	US
57	Brisbane	AU
58	Brussels	BE
59	Montréal, QC	CA
60	Tel Aviv–Jerusalem	IL
61	Chicago, IL	US
62	Changchun	CN
63	Milan	IT
64	Rome	IT
65	Barcelona	ES
66	Toronto, ON	CA
67	New York City, NY	US
68	Jinan	CN
69	Harbin	CN
70	Hefei	CN
71	London	GB
72	Warsaw	PL
73	Hamburg	DE
74	Daegu	KR
75	Lanzhou	CN
76	Los Angeles, CA	US
77	Tehran	IR
78	Dalian	CN
79	Cologne	DE
80	Shanghai–Suzhou	CN
81	Singapore	SG
82	Phoenix, AZ	US
83	Madrid	ES
84	Busan	KR
85	Chongqing	CN
86	Dallas, TX	US
87	Chengdu	CN
88	Tianjin	CN
89	Taipei–Hsinchu	TW*
90	Shenyang	CN
91	Ankara	TR
92	Zhengzhou	CN
93	Xiamen	CN
94	Moscow	RU
95	Istanbul	TR
96	Bengaluru	IN
97	Chennai	IN
98	São Paulo	BR
99	Delhi	IN
100	Mumbai	IN

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.