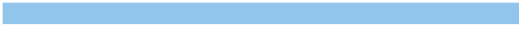

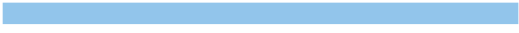
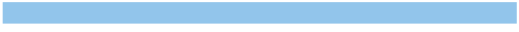


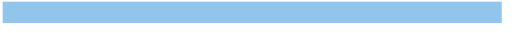

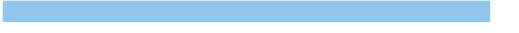























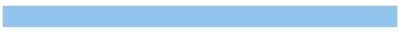
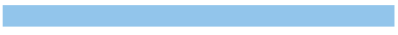




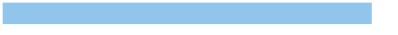
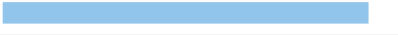
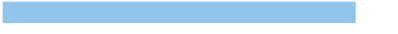
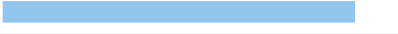


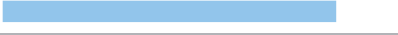
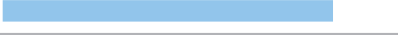



















The 2022 IMD World Digital Competitiveness Ranking

2022 COMPETITIVENESS RANKING

			Score		
01	Denmark		100.00	↗	3
02	USA		99.81	↙	1
03	Sweden		99.81	-	-
04	Singapore		99.48	↗	1
05	Switzerland		98.23	↗	1
06	Netherlands		97.85	↗	1
07	Finland		96.60	↗	4
08	Korea Rep.		95.20	↗	4
09	Hong Kong SAR		94.36	↙	7
10	Canada		94.15	↗	3
11	Taiwan, China		94.11	↙	3
12	Norway		93.23	↙	3
13	UAE		91.42	↙	3
14	Australia		87.89	↗	6
15	Israel		87.37	↗	2
16	United Kingdom		86.45	↙	2
17	China		86.42	↙	2
18	Austria		85.35	↙	2
19	Germany		85.17	↙	1
20	Estonia		85.06	↗	5
21	Iceland		84.97	-	-
22	France		81.42	↗	2
23	Belgium		81.34	↗	3
24	Ireland		79.56	↙	5
25	Lithuania		79.32	↗	5
26	Qatar		78.37	↗	3
27	New Zealand		77.44	↙	4
28	Spain		77.40	↗	3
29	Japan		76.84	↙	1
30	Luxembourg		76.47	↙	8

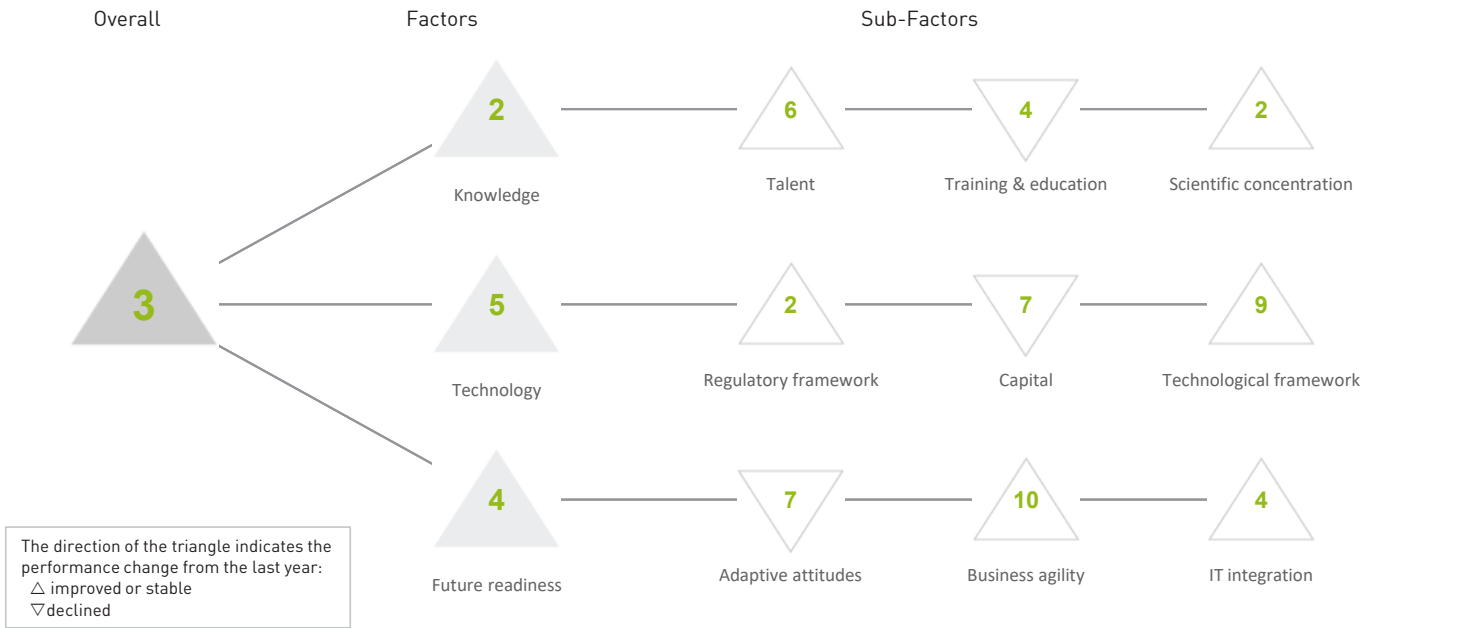
The IMD World Digital Competitiveness Ranking presents the 2022 overall ranking for the 63 economies covered by the Center. The economies are ranked from the most to the least competitive. The Scores shown to the right are actually indices (0 to 100) generated for the unique purpose of constructing charts and graphics. The final column shows the improvement or decline from the previous year.

2022 COMPETITIVENESS RANKING

			Score		
31	Malaysia		76.42	↙	4
32	Bahrain		75.85		-
33	Czech Republic		75.54		-
34	Latvia		74.24	↗	3
35	Saudi Arabia		73.87	↗	1
36	Kazakhstan		73.03	↙	4
37	Slovenia		71.45	↙	2
38	Portugal		70.84	↙	4
39	Italy		68.33	↗	1
40	Thailand		68.19	↙	2
41	Chile		66.23	↙	2
42	Hungary		65.25	↗	3
43	Croatia		64.58	↗	12
44	India		63.93	↗	2
45	Cyprus		63.67	↙	2
46	Poland		63.09	↙	5
47	Slovak Republic		59.64		-
48	Bulgaria		58.51	↗	4
49	Romania		58.32	↗	1
50	Greece		56.93	↙	6
51	Indonesia		56.74	↗	2
52	Brazil		56.14	↙	1
53	Jordan		56.04	↙	4
54	Turkey		55.02	↙	6
55	Mexico		54.72	↗	1
56	Philippines		52.81	↗	2
57	Peru		52.06		-
58	South Africa		51.24	↗	2
59	Argentina		50.22	↗	2
60	Colombia		49.22	↙	1
61	Botswana		48.25	↗	2
62	Mongolia		45.25		-
63	Venezuela		27.00	↗	1

SWEDEN

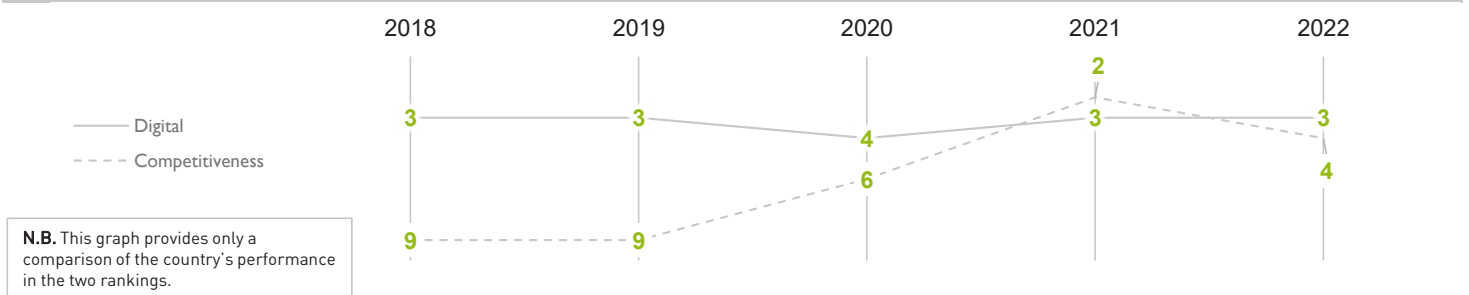
OVERALL PERFORMANCE (63 countries)



OVERALL & FACTORS - 5 years

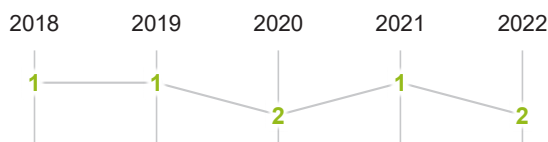
	2018	2019	2020	2021	2022
OVERALL	03	03	04	03	03
Knowledge	07	04	04	02	02
Technology	05	07	06	08	05
Future readiness	05	06	07	06	04

COMPETITIVENESS & DIGITAL RANKINGS



PEER GROUPS RANKINGS

EUROPE - MIDDLE EAST - AFRICA (40 countries)



POPULATIONS < 20 MILLION (36 countries)



SWEDEN

► Overall Top Strengths

▷ Overall Top Weaknesses

KNOWLEDGE

Sub-Factors	2018	2019	2020	2021	2022
Talent	10	08	09	07	06
Training & education	05	02	02	02	04
Scientific concentration	03	03	06	04	02

Talent	Rank	Training & education	Rank	Scientific concentration	Rank
Educational assessment PISA - Math	16	Employee training	07	Total expenditure on R&D (%)	04
International experience	03	Total public expenditure on education	05	Total R&D personnel per capita	08
Foreign highly-skilled personnel	17	Higher education achievement	22	▷ Female researchers	39
Management of cities	11	Pupil-teacher ratio (tertiary education)	20	▷ R&D productivity by publication	38
Digital/Technological skills	04	Graduates in Sciences	19	► Scientific and technical employment	02
Net flow of international students	22	Women with degrees	13	High-tech patent grants	08
				Robots in Education and R&D	20

TECHNOLOGY

Sub-Factors	2018	2019	2020	2021	2022
Regulatory framework	12	05	05	03	02
Capital	10	04	04	05	07
Technological framework	07	12	11	13	09

Regulatory framework	Rank	Capital	Rank	Technological framework	Rank
Starting a business	23	IT & media stock market capitalization	25	Communications technology	04
Enforcing contracts	30	Funding for technological development	05	Mobile Broadband subscribers	13
Immigration laws	17	Banking and financial services	03	Wireless broadband	24
Development & application of tech.	03	► Country credit rating	01	Internet users	09
► Scientific research legislation	02	► Venture capital	01	Internet bandwidth speed	10
Intellectual property rights	04	▷ Investment in Telecommunications	49	▷ High-tech exports (%)	30

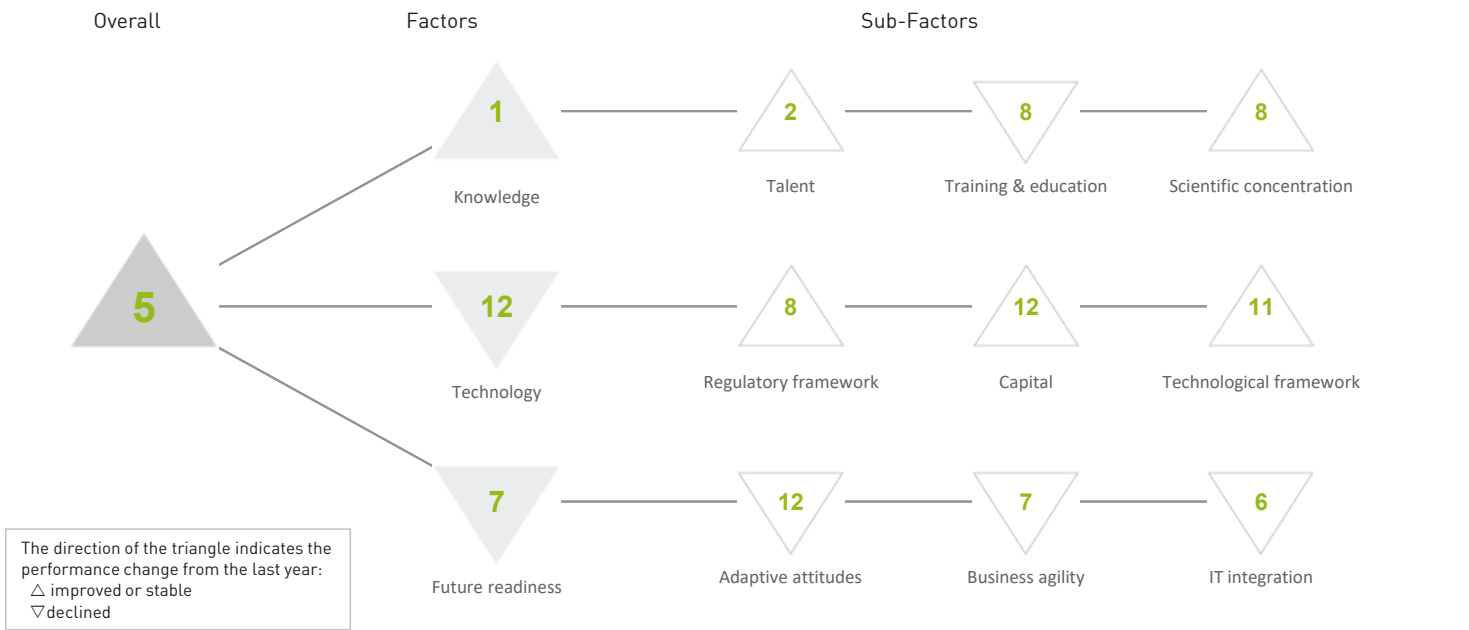
FUTURE READINESS

Sub-Factors	2018	2019	2020	2021	2022
Adaptive attitudes	09	08	08	05	07
Business agility	10	13	10	13	10
IT integration	11	12	04	05	04

Adaptive attitudes	Rank	Business agility	Rank	IT integration	Rank
E-Participation	34	Opportunities and threats	07	E-Government	06
Internet retailing	11	World robots distribution	21	Public-private partnerships	11
Tablet possession	04	Agility of companies	07	Cyber security	13
Smartphone possession	29	Use of big data and analytics	14	Software piracy	06
► Attitudes toward globalization	01	Knowledge transfer	03	Government cyber security capacity	17
		▷ Entrepreneurial fear of failure	22	Privacy protection by law content	06

SWITZERLAND

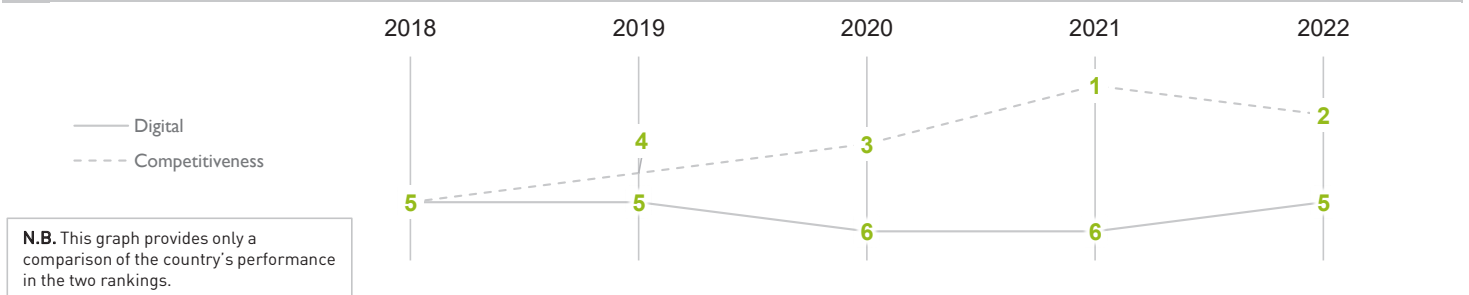
OVERALL PERFORMANCE (63 countries)



OVERALL & FACTORS - 5 years

	2018	2019	2020	2021	2022
OVERALL	05	05	06	06	05
Knowledge	06	02	03	01	01
Technology	09	10	11	11	12
Future readiness	10	10	05	03	07

COMPETITIVENESS & DIGITAL RANKINGS



PEER GROUPS RANKINGS

EUROPE - MIDDLE EAST - AFRICA (40 countries)



POPULATIONS < 20 MILLION (36 countries)



SWITZERLAND

► Overall Top Strengths

▷ Overall Top Weaknesses

KNOWLEDGE

Sub-Factors	2018	2019	2020	2021	2022
Talent	02	02	02	03	02
Training & education	15	15	14	07	08
Scientific concentration	06	07	09	08	08

Talent	Rank	Training & education	Rank	Scientific concentration	Rank
Educational assessment PISA - Math	10	Employee training	02	Total expenditure on R&D (%)	09
► International experience	01	Total public expenditure on education	19	Total R&D personnel per capita	04
► Foreign highly-skilled personnel	01	Higher education achievement	17	Female researchers	31
Management of cities	05	Pupil-teacher ratio (tertiary education)	06	▷ R&D productivity by publication	35
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TECHNOLOGY

Sub-Factors	2018	2019	2020	2021	2022
Regulatory framework	15	14	10	09	08
Capital	15	16	14	12	12
Technological framework	08	09	14	11	11

Regulatory framework	Rank	Capital	Rank	Technological framework	Rank
Starting a business	36	▷ IT & media stock market capitalization	49	Communications technology	07
▷ Enforcing contracts	40	Funding for technological development	09	Mobile Broadband subscribers	11
Immigration laws	21	Banking and financial services	06	▷ Wireless broadband	42
Development & application of tech.	04	► Country credit rating	01	Internet users	11
► Scientific research legislation	01	Venture capital	11	Internet bandwidth speed	02
Intellectual property rights	02	Investment in Telecommunications	23	▷ High-tech exports (%)	33

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