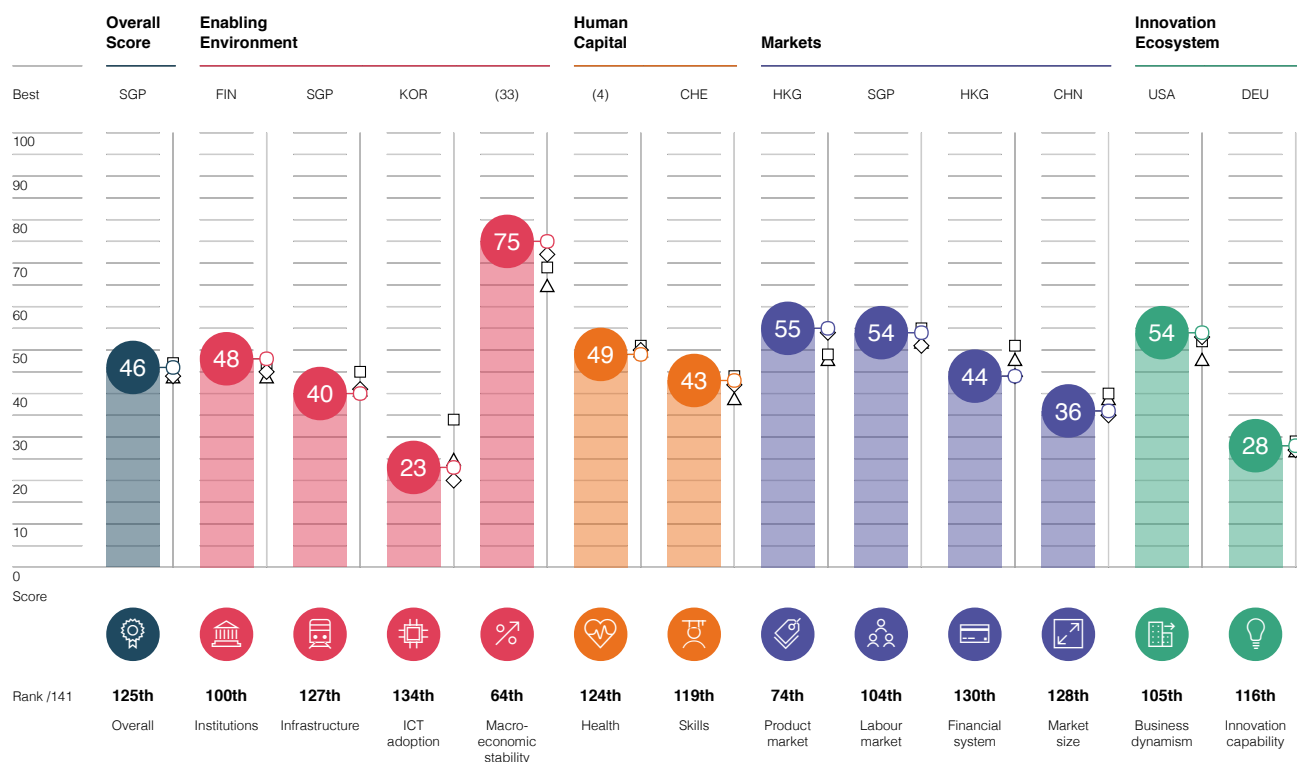


Global Competitiveness Index 4.0 2019 edition

Rank in 2018 edition: 123rd/140

Performance Overview 2019 Key ◇ Previous edition △ Low-income group average □ Sub-Saharan Africa average





Selected contextual indicators

Population millions	11.4	GDP (PPP) % world GDP	0.02
GDP per capita US\$	915.4	5-year average FDI inward flow % GDP	2.3
10-year average annual GDP growth %	4.1		

Social and environmental performance

Environmental footprint gha/capita	1.3	Global Gender Gap Index 0-1 (gender parity)	0.7
Renewable energy consumption share %	50.9	Income Gini 0 (perfect equality) -100 (perfect inequality)	47.8
Unemployment rate %	2.1		

Index Component	Value	Score *	Rank/141	Best Performer
 1st pillar: Institutions 0–100	-	48.0 ↑	100	Finland
Security 0–100	-	80.2 ↑	50	Finland
1.01 Organized crime 1–7 (best)	4.4	56.1 ↓	88	Finland
1.02 Homicide rate per 100,000 pop.	1.1	98.0 ↑	35	Multiple (14)
1.03 Terrorism incidence 0 (very high) -100 (no incidence)	100.0	100.0 =	1	Multiple (25)
1.04 Reliability of police services 1–7 (best)	5.0	66.7 ↑	43	Finland
Social capital 0–100	-	38.5 ↓	140	New Zealand
1.05 Social capital 0–100 (best)	38.5	38.5 ↓	131	New Zealand
Checks and balances 0–100	-	47.5 ↑	79	Finland
1.06 Budget transparency 0–100 (best)	39	39.0	66	Multiple (2)
1.07 Judicial independence 1–7 (best)	3.3	38.9 ↑	87	Finland
1.08 Efficiency of legal framework in challenging regulations 1–7 (best)	3.6	43.9 ↑	57	Finland
1.09 Freedom of the press 0–100 (worst)	31.7	68.3 ↓	76	Norway
Public-sector performance 0–100	-	45.2 ↑	97	Singapore
1.10 Burden of government regulation 1–7 (best)	3.7	45.4 ↑	51	Singapore
1.11 Efficiency of legal framework in settling disputes 1–7 (best)	4.2	53.0 ↑	47	Singapore
1.12 E-Participation 0–1 (best)	0.37	37.1 =	118	Multiple (3)
Transparency 0–100	-	40.0 ↑	73	Denmark
1.13 Incidence of corruption 0–100 (best)	40.0	40.0 ↑	73	Denmark
Property rights 0–100	-	40.0 ↑	116	Finland
1.14 Property rights 1–7 (best)	3.9	47.8 ↓	110	Finland
1.15 Intellectual property protection 1–7 (best)	4.0	50.6 ↑	77	Finland
1.16 Quality of land administration 0–30 (best)	6.5	21.7 =	130	Multiple (5)
Corporate governance 0–100	-	42.5 ↑	125	New Zealand
1.17 Strength of auditing and accounting standards 1–7 (best)	3.8	47.4 ↑	121	Finland
1.18 Conflict of interest regulation 0–10 (best)	4.3	43.0 =	112	Kenya
1.19 Shareholder governance 0–10 (best)	3.7	37.0 =	112	Kazakhstan
Future orientation of government 0–100	-	50.5	84	Luxembourg
1.20 Government ensuring policy stability 1–7 (best)	4.0	50.1	68	Switzerland
1.21 Government's responsiveness to change 1–7 (best)	4.1	51.8	44	Singapore
1.22 Legal framework's adaptability to digital business models 1–7 (best)	3.0	32.6	118	United States
1.23 Government long-term vision 1–7 (best)	4.3	54.3	51	Singapore
1.24 Energy efficiency regulation 0–100 (best)	29.9	29.9	80	Italy
1.25 Renewable energy regulation 0–100 (best)	38.6	38.6	87	Germany
1.26 Environment-related treaties in force count (out of 29)	27	93.1	11	Multiple (6)
 2nd pillar: Infrastructure 0–100	-	40.2 ↓	127	Singapore
Transport infrastructure 0–100	-	33.0 ↑	125	Singapore
2.01 Road connectivity 0–100 (best)	81.1	81.1 ↑	50	Multiple (3)
2.02 Quality of road infrastructure 1–7 (best)	3.2	37.2 ↑	107	Singapore
2.03 Railroad density km/1,000 km ²	3.9	9.7 ↓	76	Multiple (24)
2.04 Efficiency of train services 1–7 (best)	1.7	11.8 ↑	100	Japan
2.05 Airport connectivity score	864.6	12.7 =	135	Multiple (8)
2.06 Efficiency of air transport services 1–7 (best)	3.9	48.9 ↑	105	Singapore
2.07 Liner shipping connectivity 0–100 (best)	17.0	17.0 ↓	70	Multiple (5)
2.08 Efficiency of seaport services 1–7 (best)	3.7	45.7 ↑	86	Singapore
Utility infrastructure 0–100	-	47.3 ↓	125	Iceland
2.09 Electricity access % of population	30.0	30.0 ↓	132	Multiple (67)
2.10 Electricity supply quality % of output	19.4	84.0 ↓	113	Multiple (10)
2.11 Exposure to unsafe drinking water % of population	67.0	33.7 ↓	121	Multiple (28)
2.12 Reliability of water supply 1–7 (best)	3.5	41.6 ↑	119	Iceland

Index Component	Value	Score *	Rank/141	Best Performer
 3rd pillar: ICT adoption 0–100	-	23.4 ↑	134	Korea, Rep.
3.01 Mobile-cellular telephone subscriptions per 100 pop.	82.4	68.7 ↑	122	Multiple (63)
3.02 Mobile-broadband subscriptions per 100 pop.	19.8	N/Appl.	130	United Arab Emirates
3.03 Fixed-broadband Internet subscriptions per 100 pop.	0.2	0.5 ↓	125	Switzerland
3.04 Fibre internet subscriptions per 100 pop.	0.0	N/Appl.	118	Korea, Rep.
3.05 Internet users % of adult population	20.0	20.0 ↑	125	Qatar
 4th pillar: Macroeconomic stability 0–100	-	75.0 ↑	64	Multiple (33)
4.01 Inflation %	0.6	100.0 ↑	1	Multiple (88)
4.02 Debt dynamics 0–100 (best)	50.0	50.0 ↑	64	Multiple (34)
 5th pillar: Health 0–100	-	49.5 ↓	124	Multiple (4)
5.01 Healthy life expectancy years	55.8	49.5 ↓	123	Multiple (4)
 6th pillar: Skills 0–100	-	43.3 ↑	119	Switzerland
Current workforce 0–100	-	36.6 ↑	129	Switzerland
6.01 Mean years of schooling years	3.4	22.7 =	132	Germany
Skills of current workforce 0–100	-	50.6 ↑	76	Switzerland
6.02 Extent of staff training 1–7 (best)	3.5	41.9 ↑	119	Switzerland
6.03 Quality of vocational training 1–7 (best)	4.3	55.8 ↑	50	Switzerland
6.04 Skillset of graduates 1–7 (best)	4.0	49.6 ↑	80	Switzerland
6.05 Digital skills among active population 1–7 (best)	3.7	44.7 ↑	104	Finland
6.06 Ease of finding skilled employees 1–7 (best)	4.6	60.8 ↓	34	United States
Future workforce 0–100	-	49.9 ↑	115	Denmark
6.07 School life expectancy years	12.6	70.1 ↓	87	Multiple (11)
Skills of future workforce 0–100	-	29.8 ↑	124	Denmark
6.08 Critical thinking in teaching 1–7 (best)	3.6	43.5 ↑	56	Finland
6.09 Pupil-to-teacher ratio in primary education ratio	43.6	16.1 ↑	128	Multiple (5)
 7th pillar: Product market 0–100	-	54.6 ↑	74	Hong Kong SAR
Domestic competition 0–100	-	54.9 ↑	56	Hong Kong SAR
7.01 Distortive effect of taxes and subsidies on competition 1–7 (best)	3.9	49.1 ↑	59	Singapore
7.02 Extent of market dominance 1–7 (best)	4.2	54.0 ↑	37	Switzerland
7.03 Competition in services 1–7 (best)	4.7	61.4 ↑	95	Hong Kong SAR
Trade openness 0–100	-	54.3 ↓	92	Singapore
7.04 Prevalence of non-tariff barriers 1–7 (best)	4.1	51.3 ↓	106	Singapore
7.05 Trade tariffs %	10.19	32.1 ↓	104	Hong Kong SAR
7.06 Complexity of tariffs 1–7 (best)	6.7	94.7 ↑	11	Hong Kong SAR
7.07 Border clearance efficiency 1–5 (best)	2.6	39.1 =	83	Germany
 8th pillar: Labour market 0–100	-	53.7 ↑	104	Singapore
Flexibility 0–100	-	62.3 ↑	43	Singapore
8.01 Redundancy costs weeks of salary	11.6	84.2 ↑	40	Multiple (8)
8.02 Hiring and firing practices 1–7 (best)	4.7	61.3 ↑	15	Hong Kong SAR
8.03 Cooperation in labour-employer relations 1–7 (best)	4.5	58.5 ↓	63	Singapore
8.04 Flexibility of wage determination 1–7 (best)	5.6	76.0 ↑	23	Estonia
8.05 Active labour market policies 1–7 (best)	2.2	20.0 ↑	124	Switzerland
8.06 Workers' rights 0–100 (best)	67.0	67.0 ↑	86	Multiple (2)
8.07 Ease of hiring foreign labour 1–7 (best)	4.8	63.3 ↑	16	Albania
8.08 Internal labour mobility 1–7 (best)	5.1	68.6 ↓	16	United States
Meritocracy and incentivization 0–100	-	45.1 ↑	130	Denmark
8.09 Reliance on professional management 1–7 (best)	4.2	52.7 ↑	84	Finland
8.10 Pay and productivity 1–7 (best)	3.5	41.4 ↑	108	Hong Kong SAR
8.11 Ratio of wage and salaried female workers to male workers %	0.29	11.8 ↑	125	Multiple (4)
8.12 Labour tax rate %	26.4	74.4 =	113	Multiple (24)

Index Component	Value	Score *	Rank/141	Best Performer
 9th pillar: Financial system 0–100	-	44.5 ↑	130	Hong Kong SAR
Depth 0–100	-	20.0 ↑	125	United States
9.01 Domestic credit to private sector % GDP	23.3	24.5 ↑	111	Multiple (30)
9.02 Financing of SMEs 1–7 (best)	3.4	39.5 ↑	111	Finland
9.03 Venture capital availability 1–7 (best)	2.2	19.2 ↑	126	United States
9.04 Market capitalization % GDP	5.7	5.7 ↑	101	Multiple (15)
9.05 Insurance premium volume to GDP	0.7	11.3 ↓	109	Multiple (17)
Stability 0–100	-	75.0 ↓	131	Finland
9.06 Soundness of banks 1–7 (best)	3.9	48.2 ↑	117	Finland
9.07 Non-performing loans % of gross total loans	18.6	63.4 ↑	131	Multiple (3)
9.08 Credit gap %	-3.0	100.0 =	1	Multiple (98)
9.09 Banks' regulatory capital ratio % of total risk-weighted assets	11.9	88.5 ↓	135	Multiple (74)
 10th pillar: Market size 0–100	-	35.7 ↑	128	China
10.01 Gross domestic product PPP \$ billions	25	N/Appl.	123	China
10.02 Imports of goods and services % GDP	43.4	N/Appl.	70	Hong Kong SAR
 11th pillar: Business dynamism 0–100	-	53.7 ↑	105	United States
Administrative requirements 0–100	-	67.9 ↑	77	United States
11.01 Cost of starting a business % of GNI per capita	3.5	98.2 ↑	51	Multiple (2)
11.02 Time to start a business days	8.5	92.0 =	53	New Zealand
11.03 Insolvency recovery rate cents to the dollar	23.3	25.1 ↑	108	Japan
11.04 Insolvency regulatory framework 0–16 (best)	9.0	56.3 =	75	Multiple (6)
Entrepreneurial culture 0–100	-	39.6 ↑	128	Israel
11.05 Attitudes towards entrepreneurial risk 1–7 (best)	3.2	36.5 ↑	132	Israel
11.06 Willingness to delegate authority 1–7 (best)	3.7	44.4 ↑	122	Denmark
11.07 Growth of innovative companies 1–7 (best)	3.5	42.2 ↑	115	Israel
11.08 Companies embracing disruptive ideas 1–7 (best)	3.1	35.4 ↑	125	Israel
 12th pillar: Innovation capability 0–100	-	28.4 ↑	116	Germany
Interaction and diversity 0–100	-	32.7 ↑	112	Singapore
12.01 Diversity of workforce 1–7 (best)	4.2	53.1 ↓	96	Singapore
12.02 State of cluster development 1–7 (best)	3.2	36.5 ↑	115	Italy
12.03 International co-inventions per million pop.	0.00	0.0	126	Multiple (5)
12.04 Multi-stakeholder collaboration 1–7 (best)	3.5	41.3 ↑	97	Israel
Research and development 0–100	-	19.0 ↑	118	Japan
12.05 Scientific publications score	81.3	65.3 ↑	113	Multiple (9)
12.06 Patent applications per million pop.	0.00	0.0	132	Multiple (8)
12.07 R&D expenditures % GDP	n/a	10.3 ↑	n/a	Multiple (7)
12.08 Research institutions prominence 0–100 (best)	0.00	0.4 ↓	106	Multiple (7)
Commercialization 0–100	-	38.5 ↑	116	Luxembourg
12.09 Buyer sophistication 1–7 (best)	2.4	22.6 ↑	136	Korea, Rep.
12.10 Trademark applications per million pop.	157.04	54.5 ↓	99	Multiple (7)

* Scores are on a 0 to 100 scale, where 100 represents the optimal situation or 'frontier'. Arrows indicate the direction of the change in score from the previous edition, if available.

Note: For detailed methodology, definitions, sources, and periods, visit <http://gcr.weforum.org/>