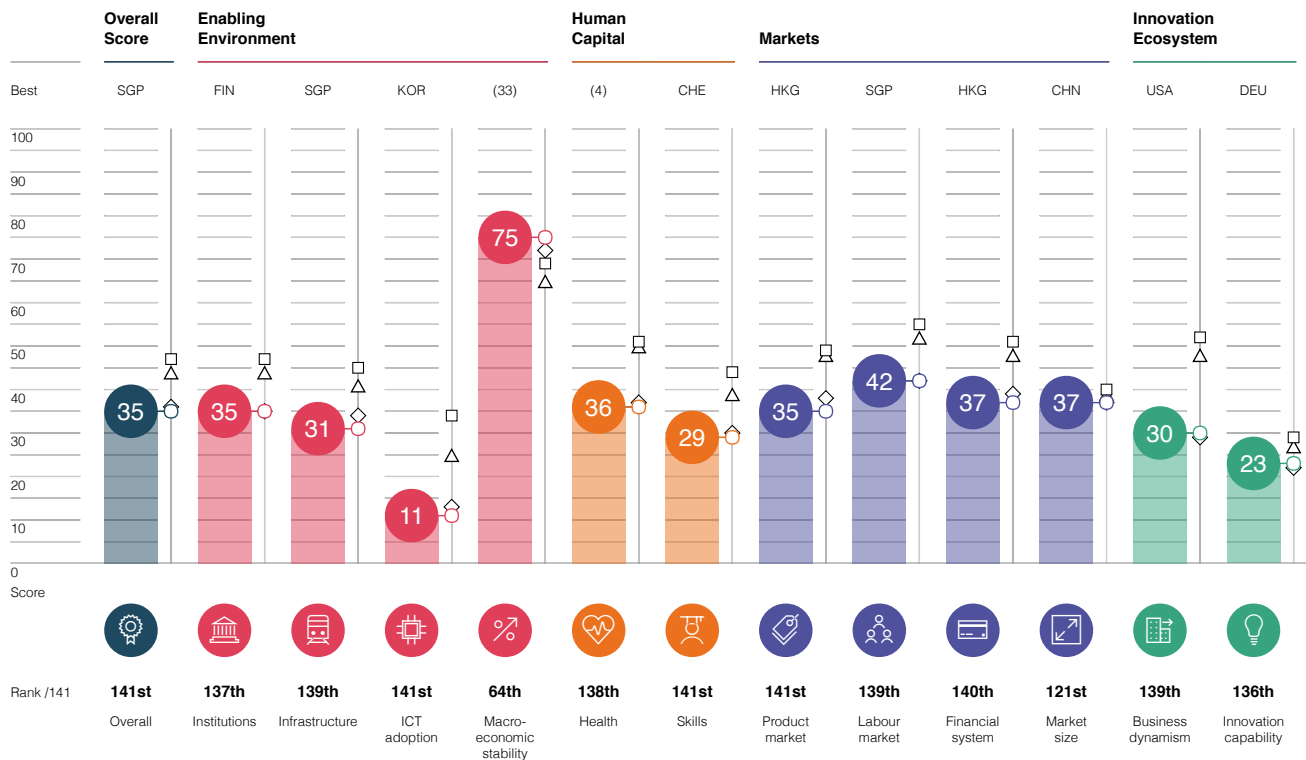


Global Competitiveness Index 4.0 2019 edition

Rank in 2018 edition: 140th/140

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





Selected contextual indicators

Population millions	12.5	GDP (PPP) % world GDP	0.02
GDP per capita US\$	874.2	5-year average FDI inward flow % GDP	2.2
10-year average annual GDP growth %	2.9		

Social and environmental performance

Environmental footprint gha/capita	2.0	Global Gender Gap Index 0-1 (gender parity)	0.6
Renewable energy consumption share %	89.4	Income Gini 0 (perfect equality) -100 (perfect inequality)	43.3
Unemployment rate %	2.2		

Index Component	Value	Score *	Rank/141	Best Performer
 1st pillar: Institutions 0–100	-	35.4 ↑	137	Finland
Security 0–100	-	67.1 ↑	106	Finland
1.01 Organized crime 1–7 (best)	3.4	39.8 ↑	125	Finland
1.02 Homicide rate per 100,000 pop.	0.6	99.5 ↑	19	Multiple (14)
1.03 Terrorism incidence 0 (very high) -100 (no incidence)	96.2	96.2 =	113	Multiple (25)
1.04 Reliability of police services 1–7 (best)	3.0	33.0 ↑	128	Finland
Social capital 0–100	-	41.1 ↑	136	New Zealand
1.05 Social capital 0–100 (best)	41.1	41.1 ↑	127	New Zealand
Checks and balances 0–100	-	29.4 ↑	137	Finland
1.06 Budget transparency 0–100 (best)	2	2.0	95	Multiple (2)
1.07 Judicial independence 1–7 (best)	2.5	24.4 ↑	124	Finland
1.08 Efficiency of legal framework in challenging regulations 1–7 (best)	2.7	28.0 ↑	114	Finland
1.09 Freedom of the press 0–100 (worst)	36.7	63.3 ↑	99	Norway
Public-sector performance 0–100	-	28.9 ↑	135	Singapore
1.10 Burden of government regulation 1–7 (best)	3.2	36.4 ↑	91	Singapore
1.11 Efficiency of legal framework in settling disputes 1–7 (best)	3.1	35.7 ↑	101	Singapore
1.12 E-Participation 0–1 (best)	0.15	14.6 =	136	Multiple (3)
Transparency 0–100	-	19.0 ↓	137	Denmark
1.13 Incidence of corruption 0–100 (best)	19.0	19.0 ↓	137	Denmark
Property rights 0–100	-	32.3 ↓	133	Finland
1.14 Property rights 1–7 (best)	3.1	34.6 ↑	135	Finland
1.15 Intellectual property protection 1–7 (best)	3.1	35.6 ↑	126	Finland
1.16 Quality of land administration 0–30 (best)	8.0	26.7 ↓	115	Multiple (5)
Corporate governance 0–100	-	34.7 ↓	139	New Zealand
1.17 Strength of auditing and accounting standards 1–7 (best)	2.6	27.1 ↓	138	Finland
1.18 Conflict of interest regulation 0–10 (best)	4.0	40.0 =	121	Kenya
1.19 Shareholder governance 0–10 (best)	3.7	37.0 =	112	Kazakhstan
Future orientation of government 0–100	-	30.8	137	Luxembourg
1.20 Government ensuring policy stability 1–7 (best)	2.8	30.7	125	Switzerland
1.21 Government's responsiveness to change 1–7 (best)	2.9	32.4	111	Singapore
1.22 Legal framework's adaptability to digital business models 1–7 (best)	2.5	24.4	130	United States
1.23 Government long-term vision 1–7 (best)	2.7	29.0	122	Singapore
1.24 Energy efficiency regulation 0–100 (best)	9.5	9.5	111	Italy
1.25 Renewable energy regulation 0–100 (best)	15.9	15.9	110	Germany
1.26 Environment-related treaties in force count (out of 29)	21	72.4	79	Multiple (6)
 2nd pillar: Infrastructure 0–100	-	30.5 ↓	139	Singapore
Transport infrastructure 0–100	-	30.0 ↑	131	Singapore
2.01 Road connectivity 0–100 (best)	62.2	62.2 ↑	106	Multiple (3)
2.02 Quality of road infrastructure 1–7 (best)	1.9	15.7 ↓	141	Singapore
2.03 Railroad density km/1,000 km ²	n/a	n/a	n/a	Multiple (24)
2.04 Efficiency of train services 1–7 (best)	not assessed	n/a	n/a	Japan
2.05 Airport connectivity score	942.8	13.2 =	133	Multiple (8)
2.06 Efficiency of air transport services 1–7 (best)	2.7	28.9 ↓	137	Singapore
2.07 Liner shipping connectivity 0–100 (best)	n/a	n/a	n/a	Multiple (5)
2.08 Efficiency of seaport services 1–7 (best)	1.9	15.8 ↓	136	Singapore
Utility infrastructure 0–100	-	31.1 ↓	140	Iceland
2.09 Electricity access % of population	7.8	7.8 ↓	141	Multiple (67)
2.10 Electricity supply quality % of output	n/a	78.0 ↑	n/a	Multiple (10)
2.11 Exposure to unsafe drinking water % of population	83.4	17.0 ↓	140	Multiple (28)
2.12 Reliability of water supply 1–7 (best)	2.3	21.5 ↑	134	Iceland

Index Component	Value	Score *	Rank/141	Best Performer
 3rd pillar: ICT adoption 0–100	-	10.8 ↓	141	Korea, Rep.
3.01 Mobile-cellular telephone subscriptions per 100 pop.	45.1	37.6 ↑	136	Multiple (63)
3.02 Mobile-broadband subscriptions per 100 pop.	4.0	N/Appl.	141	United Arab Emirates
3.03 Fixed-broadband Internet subscriptions per 100 pop.	0.0	0.0 ↓	141	Switzerland
3.04 Fibre internet subscriptions per 100 pop.	0.0	N/Appl.	125	Korea, Rep.
3.05 Internet users % of adult population	6.5	6.5 ↑	140	Qatar
 4th pillar: Macroeconomic stability 0–100	-	75.0 ↑	64	Multiple (33)
4.01 Inflation %	0.8	100.0 ↑	1	Multiple (88)
4.02 Debt dynamics 0–100 (best)	50.0	50.0 ↑	64	Multiple (34)
 5th pillar: Health 0–100	-	35.9 ↓	138	Multiple (4)
5.01 Healthy life expectancy years	51.5	35.9 ↓	137	Multiple (4)
 6th pillar: Skills 0–100	-	29.0 ↓	141	Switzerland
Current workforce 0–100	-	27.4 ↓	137	Switzerland
6.01 Mean years of schooling years	2.3	15.3 =	138	Germany
Skills of current workforce 0–100	-	39.5 ↓	130	Switzerland
6.02 Extent of staff training 1–7 (best)	3.0	33.9 ↓	135	Switzerland
6.03 Quality of vocational training 1–7 (best)	3.4	39.9 ↓	122	Switzerland
6.04 Skillset of graduates 1–7 (best)	3.7	44.9 ↓	98	Switzerland
6.05 Digital skills among active population 1–7 (best)	2.9	31.5 ↓	136	Finland
6.06 Ease of finding skilled employees 1–7 (best)	3.9	47.6 ↓	105	United States
Future workforce 0–100	-	30.6 ↓	141	Denmark
6.07 School life expectancy years	8.0	44.2 =	122	Multiple (11)
Skills of future workforce 0–100	-	17.1 ↓	138	Denmark
6.08 Critical thinking in teaching 1–7 (best)	3.0	34.2 ↓	101	Finland
6.09 Pupil-to-teacher ratio in primary education ratio	56.9	0.0	137	Multiple (5)
 7th pillar: Product market 0–100	-	35.4 ↓	141	Hong Kong SAR
Domestic competition 0–100	-	28.6 ↓	139	Hong Kong SAR
7.01 Distortive effect of taxes and subsidies on competition 1–7 (best)	2.6	26.4 ↓	134	Singapore
7.02 Extent of market dominance 1–7 (best)	2.4	23.0 ↑	138	Switzerland
7.03 Competition in services 1–7 (best)	3.2	36.3 ↓	140	Hong Kong SAR
Trade openness 0–100	-	42.3 ↓	134	Singapore
7.04 Prevalence of non-tariff barriers 1–7 (best)	3.4	39.2 ↓	136	Singapore
7.05 Trade tariffs %	13.82	7.9	132	Hong Kong SAR
7.06 Complexity of tariffs 1–7 (best)	6.6	93.2 =	27	Hong Kong SAR
7.07 Border clearance efficiency 1–5 (best)	2.2	28.8 =	125	Germany
 8th pillar: Labour market 0–100	-	42.2 ↑	139	Singapore
Flexibility 0–100	-	53.1 ↓	104	Singapore
8.01 Redundancy costs weeks of salary	13.0	81.3 =	44	Multiple (8)
8.02 Hiring and firing practices 1–7 (best)	3.5	42.0 ↓	103	Hong Kong SAR
8.03 Cooperation in labour-employer relations 1–7 (best)	3.6	43.6 ↑	129	Singapore
8.04 Flexibility of wage determination 1–7 (best)	4.7	61.0 ↓	94	Estonia
8.05 Active labour market policies 1–7 (best)	2.2	20.2 ↑	122	Switzerland
8.06 Workers' rights 0–100 (best)	68.0	68.0 ↓	85	Multiple (2)
8.07 Ease of hiring foreign labour 1–7 (best)	4.2	52.8 ↑	66	Albania
8.08 Internal labour mobility 1–7 (best)	4.4	55.9 ↓	83	United States
Meritocracy and incentivization 0–100	-	31.4 ↑	141	Denmark
8.09 Reliance on professional management 1–7 (best)	2.4	23.6 ↑	139	Finland
8.10 Pay and productivity 1–7 (best)	2.8	30.2 ↓	134	Hong Kong SAR
8.11 Ratio of wage and salaried female workers to male workers %	0.08	0.0	139	Multiple (4)
8.12 Labour tax rate %	28.4	71.7 =	118	Multiple (24)

Index Component	Value	Score *	Rank/141	Best Performer
 9th pillar: Financial system 0–100	-	37.3 ↓	140	Hong Kong SAR
Depth 0–100	-	11.7 ↑	140	United States
9.01 Domestic credit to private sector % GDP	9.3	9.8 ↑	134	Multiple (30)
9.02 Financing of SMEs 1–7 (best)	2.6	26.4 ↓	134	Finland
9.03 Venture capital availability 1–7 (best)	2.2	19.7 ↑	122	United States
9.04 Market capitalization % GDP	0.0	0.0	125	Multiple (15)
9.05 Insurance premium volume to GDP	0.2	2.9 ↑	128	Multiple (17)
Stability 0–100	-	69.3 ↓	133	Finland
9.06 Soundness of banks 1–7 (best)	2.9	31.7 ↓	135	Finland
9.07 Non-performing loans % of gross total loans	25.8	48.9 ↓	135	Multiple (3)
9.08 Credit gap %	1.2	100.0 ↑	1	Multiple (98)
9.09 Banks' regulatory capital ratio % of total risk-weighted assets	15.3	96.5 ↓	98	Multiple (74)
 10th pillar: Market size 0–100	-	37.1 ↑	121	China
10.01 Gross domestic product PPP \$ billions	27	N/Appl.	121	China
10.02 Imports of goods and services % GDP	52.2	N/Appl.	55	Hong Kong SAR
 11th pillar: Business dynamism 0–100	-	29.7 ↑	139	United States
Administrative requirements 0–100	-	28.1 ↑	138	United States
11.01 Cost of starting a business % of GNI per capita	172.3	13.8 ↓	139	Multiple (2)
11.02 Time to start a business days	58.0	42.2 ↑	134	New Zealand
11.03 Insolvency recovery rate cents to the dollar	0.0	0.0	133	Japan
11.04 Insolvency regulatory framework 0–16 (best)	9.0	56.3 =	75	Multiple (6)
Entrepreneurial culture 0–100	-	31.3 ↑	139	Israel
11.05 Attitudes towards entrepreneurial risk 1–7 (best)	3.0	33.8 ↑	136	Israel
11.06 Willingness to delegate authority 1–7 (best)	2.8	30.3 ↑	139	Denmark
11.07 Growth of innovative companies 1–7 (best)	2.8	29.7 ↑	140	Israel
11.08 Companies embracing disruptive ideas 1–7 (best)	2.9	31.2 ↑	135	Israel
 12th pillar: Innovation capability 0–100	-	22.7 ↑	136	Germany
Interaction and diversity 0–100	-	25.5 ↑	137	Singapore
12.01 Diversity of workforce 1–7 (best)	3.2	36.3 ↓	138	Singapore
12.02 State of cluster development 1–7 (best)	2.9	32.1 ↑	127	Italy
12.03 International co-inventions per million pop.	0.00	0.0	126	Multiple (5)
12.04 Multi-stakeholder collaboration 1–7 (best)	3.0	33.5 ↑	129	Israel
Research and development 0–100	-	16.3 ↑	132	Japan
12.05 Scientific publications score	38.3	54.4 ↑	137	Multiple (9)
12.06 Patent applications per million pop.	0.00	0.0	132	Multiple (8)
12.07 R&D expenditures % GDP	0.3	10.7 ↑	79	Multiple (7)
12.08 Research institutions prominence 0–100 (best)	0.00	0.0	117	Multiple (7)
Commercialization 0–100	-	29.8 ↓	130	Luxembourg
12.09 Buyer sophistication 1–7 (best)	2.7	28.9 ↑	123	Korea, Rep.
12.10 Trademark applications per million pop.	16.26	30.6 ↓	123	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/>