

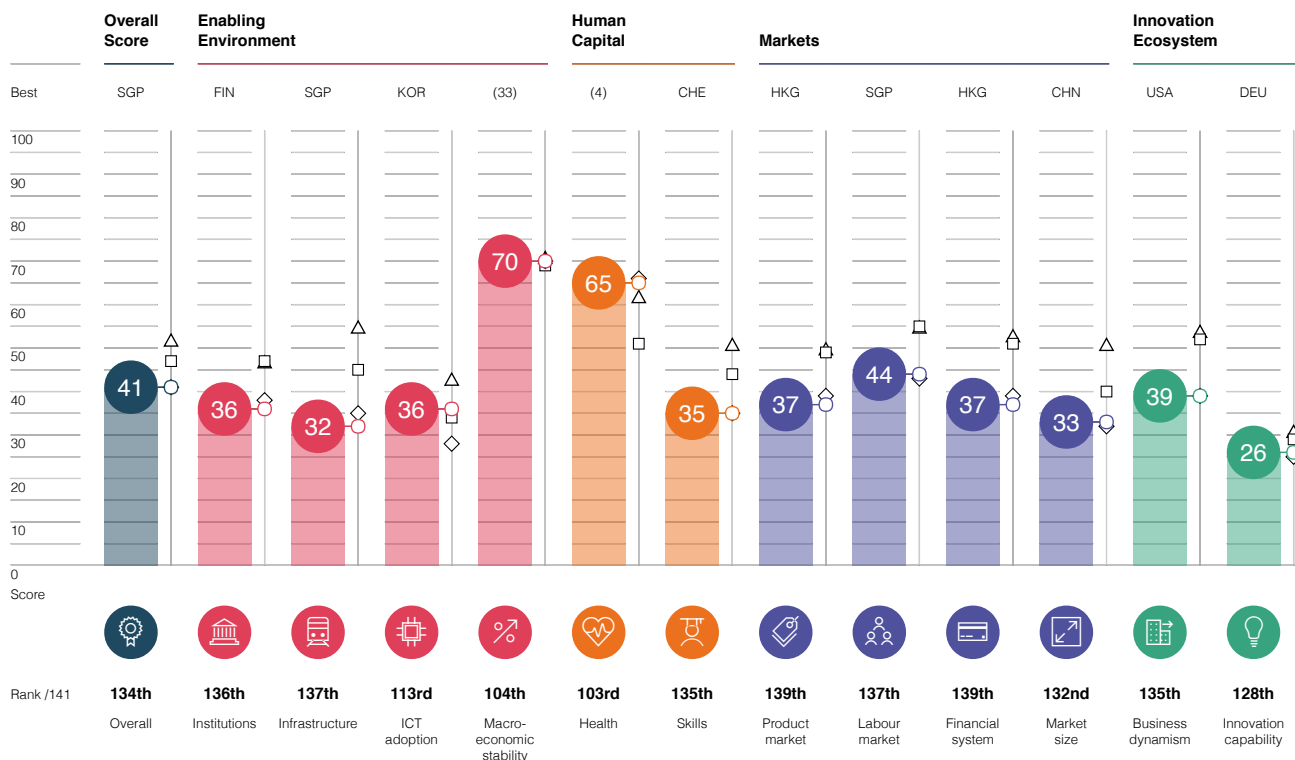
Global Competitiveness Index 4.0 2019 edition

Rank in 2018 edition: 131st/140

Performance Overview Key

◇ Previous edition Δ Lower-middle-income group average □ Sub-Saharan Africa average

2019





Selected contextual indicators

Population millions	4.5	GDP (PPP) % world GDP	0.01
GDP per capita US\$	1,142.5	5-year average FDI inward flow % GDP	7.7
10-year average annual GDP growth %	3.4		

Social and environmental performance

Environmental footprint gha/capita	2.6	Global Gender Gap Index 0-1 (gender parity)	0.6
Renewable energy consumption share %	32.2	Income Gini 0 (perfect equality) -100 (perfect inequality)	32.6
Unemployment rate %	10.3		

Index Component	Value	Score *	Rank/141	Best Performer
 1st pillar: Institutions 0–100	-	36.4 ↓	136	Finland
Security 0–100	-	74.7 ↓	70	Finland
1.01 Organized crime 1–7 (best)	5.2	69.3 =	43	Finland
1.02 Homicide rate per 100,000 pop.	10.2	67.0 ↓	118	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)	4.7	62.3 =	58	Finland
Social capital 0–100	-	41.9 ↑	132	New Zealand
1.05 Social capital 0–100 (best)	41.9	41.9 ↑	123	New Zealand
Checks and balances 0–100	-	31.5 ↓	133	Finland
1.06 Budget transparency 0–100 (best)	n/a	20.5	n/a	Multiple (2)
1.07 Judicial independence 1–7 (best)	2.1	18.7 =	135	Finland
1.08 Efficiency of legal framework in challenging regulations 1–7 (best)	2.1	18.3 =	136	Finland
1.09 Freedom of the press 0–100 (worst)	31.6	68.4 ↓	74	Norway
Public-sector performance 0–100	-	21.2 ↑	141	Singapore
1.10 Burden of government regulation 1–7 (best)	2.5	25.4 =	129	Singapore
1.11 Efficiency of legal framework in settling disputes 1–7 (best)	2.2	20.2 =	137	Singapore
1.12 E-Participation 0–1 (best)	0.18	18.0 =	131	Multiple (3)
Transparency 0–100	-	27.0 ↓	121	Denmark
1.13 Incidence of corruption 0–100 (best)	27.0	27.0 ↓	121	Denmark
Property rights 0–100	-	27.8 ↓	137	Finland
1.14 Property rights 1–7 (best)	2.2	20.7 =	140	Finland
1.15 Intellectual property protection 1–7 (best)	3.4	39.3 =	119	Finland
1.16 Quality of land administration 0–30 (best)	7.0	23.3 ↓	124	Multiple (5)
Corporate governance 0–100	-	40.0 =	129	New Zealand
1.17 Strength of auditing and accounting standards 1–7 (best)	2.2	19.9 =	141	Finland
1.18 Conflict of interest regulation 0–10 (best)	5.3	53.0 =	85	Kenya
1.19 Shareholder governance 0–10 (best)	4.7	47.0 =	95	Kazakhstan
Future orientation of government 0–100	-	27.3	138	Luxembourg
1.20 Government ensuring policy stability 1–7 (best)	2.1	18.3	139	Switzerland
1.21 Government's responsiveness to change 1–7 (best)	2.0	17.3	138	Singapore
1.22 Legal framework's adaptability to digital business models 1–7 (best)	2.2	20.4	133	United States
1.23 Government long-term vision 1–7 (best)	2.1	19.1	133	Singapore
1.24 Energy efficiency regulation 0–100 (best)	10.7	10.7	108	Italy
1.25 Renewable energy regulation 0–100 (best)	17.7	17.7	108	Germany
1.26 Environment-related treaties in force count (out of 29)	23	79.3	56	Multiple (6)
 2nd pillar: Infrastructure 0–100	-	32.4 ↓	137	Singapore
Transport infrastructure 0–100	-	21.4 ↑	140	Singapore
2.01 Road connectivity 0–100 (best)	65.7	65.7 ↑	95	Multiple (3)
2.02 Quality of road infrastructure 1–7 (best)	2.0	17.1 =	140	Singapore
2.03 Railroad density km/1,000 km[2]	0.7	1.8 =	100	Multiple (24)
2.04 Efficiency of train services 1–7 (best)	2.1	18.9 =	90	Japan
2.05 Airport connectivity score	999.5	13.5 =	132	Multiple (8)
2.06 Efficiency of air transport services 1–7 (best)	2.3	21.1 =	138	Singapore
2.07 Liner shipping connectivity 0–100 (best)	11.1	11.1 ↑	81	Multiple (5)
2.08 Efficiency of seaport services 1–7 (best)	2.3	21.9 =	126	Singapore
Utility infrastructure 0–100	-	43.4 ↓	132	Iceland
2.09 Electricity access % of population	30.1	30.1 ↓	130	Multiple (67)
2.10 Electricity supply quality % of output	n/a	81.9 ↓	n/a	Multiple (10)
2.11 Exposure to unsafe drinking water % of population	64.0	36.7 ↓	117	Multiple (28)
2.12 Reliability of water supply 1–7 (best)	2.5	24.8 =	131	Iceland

Index Component	Value	Score *	Rank/141	Best Performer
 3rd pillar: ICT adoption 0–100	-	36.4 ↑	113	Korea, Rep.
3.01 Mobile-cellular telephone subscriptions per 100 pop.	103.7	86.4 ↑	94	Multiple (63)
3.02 Mobile-broadband subscriptions per 100 pop.	49.7	N/Appl.	104	United Arab Emirates
3.03 Fixed-broadband Internet subscriptions per 100 pop.	0.3	0.6 ↑	120	Switzerland
3.04 Fibre internet subscriptions per 100 pop.	n/a	N/Appl.	n/a	Korea, Rep.
3.05 Internet users % of adult population	20.8	20.8 ↑	124	Qatar
 4th pillar: Macroeconomic stability 0–100	-	70.0 =	104	Multiple (33)
4.01 Inflation %	2.7	100.0 =	1	Multiple (88)
4.02 Debt dynamics 0–100 (best)	40.0	40.0 =	114	Multiple (34)
 5th pillar: Health 0–100	-	65.3 ↓	103	Multiple (4)
5.01 Healthy life expectancy years	60.9	65.3 ↓	102	Multiple (4)
 6th pillar: Skills 0–100	-	34.8 ↑	135	Switzerland
Current workforce 0–100	-	31.6 =	133	Switzerland
6.01 Mean years of schooling years	3.8	25.1 =	131	Germany
Skills of current workforce 0–100	-	38.0 =	133	Switzerland
6.02 Extent of staff training 1–7 (best)	2.4	24.1 =	141	Switzerland
6.03 Quality of vocational training 1–7 (best)	3.5	41.1 =	117	Switzerland
6.04 Skillset of graduates 1–7 (best)	2.9	32.2 =	137	Switzerland
6.05 Digital skills among active population 1–7 (best)	3.9	48.1 =	87	Finland
6.06 Ease of finding skilled employees 1–7 (best)	3.7	44.7 =	111	United States
Future workforce 0–100	-	37.9 ↑	132	Denmark
6.07 School life expectancy years	8.5	47.0 ↑	119	Multiple (11)
Skills of future workforce 0–100	-	28.8 =	125	Denmark
6.08 Critical thinking in teaching 1–7 (best)	2.4	23.6 =	136	Finland
6.09 Pupil-to-teacher ratio in primary education ratio	36.4	34.1 =	118	Multiple (5)
 7th pillar: Product market 0–100	-	36.6 ↓	139	Hong Kong SAR
Domestic competition 0–100	-	26.8 =	140	Hong Kong SAR
7.01 Distortive effect of taxes and subsidies on competition 1–7 (best)	2.3	21.4 =	139	Singapore
7.02 Extent of market dominance 1–7 (best)	2.2	19.8 =	139	Switzerland
7.03 Competition in services 1–7 (best)	3.4	39.2 =	138	Hong Kong SAR
Trade openness 0–100	-	46.3 ↓	126	Singapore
7.04 Prevalence of non-tariff barriers 1–7 (best)	3.0	33.0 =	141	Singapore
7.05 Trade tariffs %	10.89	27.4 ↓	120	Hong Kong SAR
7.06 Complexity of tariffs 1–7 (best)	6.7	95.0 ↓	8	Hong Kong SAR
7.07 Border clearance efficiency 1–5 (best)	2.2	30.0 =	121	Germany
 8th pillar: Labour market 0–100	-	43.7 ↑	137	Singapore
Flexibility 0–100	-	48.8 ↑	125	Singapore
8.01 Redundancy costs weeks of salary	10.4	86.7 ↑	35	Multiple (8)
8.02 Hiring and firing practices 1–7 (best)	3.1	34.5 =	123	Hong Kong SAR
8.03 Cooperation in labour-employer relations 1–7 (best)	4.2	53.9 =	93	Singapore
8.04 Flexibility of wage determination 1–7 (best)	4.6	60.2 =	101	Estonia
8.05 Active labour market policies 1–7 (best)	2.2	19.9 =	125	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)	3.6	44.1 =	109	Albania
8.08 Internal labour mobility 1–7 (best)	2.5	24.3 =	134	United States
Meritocracy and incentivization 0–100	-	38.7 ↑	138	Denmark
8.09 Reliance on professional management 1–7 (best)	2.2	20.6 =	140	Finland
8.10 Pay and productivity 1–7 (best)	2.7	28.1 =	138	Hong Kong SAR
8.11 Ratio of wage and salaried female workers to male workers %	0.27	9.1 ↓	126	Multiple (4)
8.12 Labour tax rate %	10.3	96.8 ↑	31	Multiple (24)

Index Component	Value	Score *	Rank/141	Best Performer
 9th pillar: Financial system 0–100	-	37.4 ↓	139	Hong Kong SAR
Depth 0–100	-	12.7 ↓	138	United States
9.01 Domestic credit to private sector % GDP	2.8	2.9 ↓	137	Multiple (30)
9.02 Financing of SMEs 1–7 (best)	2.3	21.4 =	139	Finland
9.03 Venture capital availability 1–7 (best)	2.1	18.5 =	127	United States
9.04 Market capitalization % GDP	0.0	0.0	125	Multiple (15)
9.05 Insurance premium volume to GDP	n/a	20.6 ↑	n/a	Multiple (17)
Stability 0–100	-	68.2 ↓	135	Finland
9.06 Soundness of banks 1–7 (best)	2.2	20.4 =	140	Finland
9.07 Non-performing loans % of gross total loans	22.4	55.8 ↓	134	Multiple (3)
9.08 Credit gap %	3.3	96.6 ↓	114	Multiple (98)
9.09 Banks' regulatory capital ratio % of total risk-weighted assets	25.6	100.0 =	7	Multiple (74)
 10th pillar: Market size 0–100	-	32.9 ↑	132	China
10.01 Gross domestic product PPP \$ billions	16	N/Appl.	133	China
10.02 Imports of goods and services % GDP	66.6	N/Appl.	28	Hong Kong SAR
 11th pillar: Business dynamism 0–100	-	38.9 ↑	135	United States
Administrative requirements 0–100	-	46.6 ↑	130	United States
11.01 Cost of starting a business % of GNI per capita	16.2	91.9 ↑	102	Multiple (2)
11.02 Time to start a business days	6.0	94.5 =	32	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)	0.0	0.0	135	Multiple (6)
Entrepreneurial culture 0–100	-	31.1 =	140	Israel
11.05 Attitudes towards entrepreneurial risk 1–7 (best)	2.4	23.3 =	141	Israel
11.06 Willingness to delegate authority 1–7 (best)	2.7	28.7 =	141	Denmark
11.07 Growth of innovative companies 1–7 (best)	2.9	31.2 =	139	Israel
11.08 Companies embracing disruptive ideas 1–7 (best)	3.5	41.3 =	85	Israel
 12th pillar: Innovation capability 0–100	-	26.3 ↑	128	Germany
Interaction and diversity 0–100	-	30.8 ↑	124	Singapore
12.01 Diversity of workforce 1–7 (best)	3.9	48.5 =	119	Singapore
12.02 State of cluster development 1–7 (best)	3.6	43.7 =	86	Italy
12.03 International co-inventions per million pop.	0.01	0.4	113	Multiple (5)
12.04 Multi-stakeholder collaboration 1–7 (best)	2.8	30.5 =	138	Israel
Research and development 0–100	-	16.5 ↑	130	Japan
12.05 Scientific publications score	39.3	54.8 ↑	136	Multiple (9)
12.06 Patent applications per million pop.	0.01	0.2	121	Multiple (8)
12.07 R&D expenditures % GDP	n/a	11.1 ↑	n/a	Multiple (7)
12.08 Research institutions prominence 0–100 (best)	0.00	0.0	117	Multiple (7)
Commercialization 0–100	-	36.9 ↓	119	Luxembourg
12.09 Buyer sophistication 1–7 (best)	2.2	19.6 =	139	Korea, Rep.
12.10 Trademark applications per million pop.	151.98	54.1 ↓	100	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/>