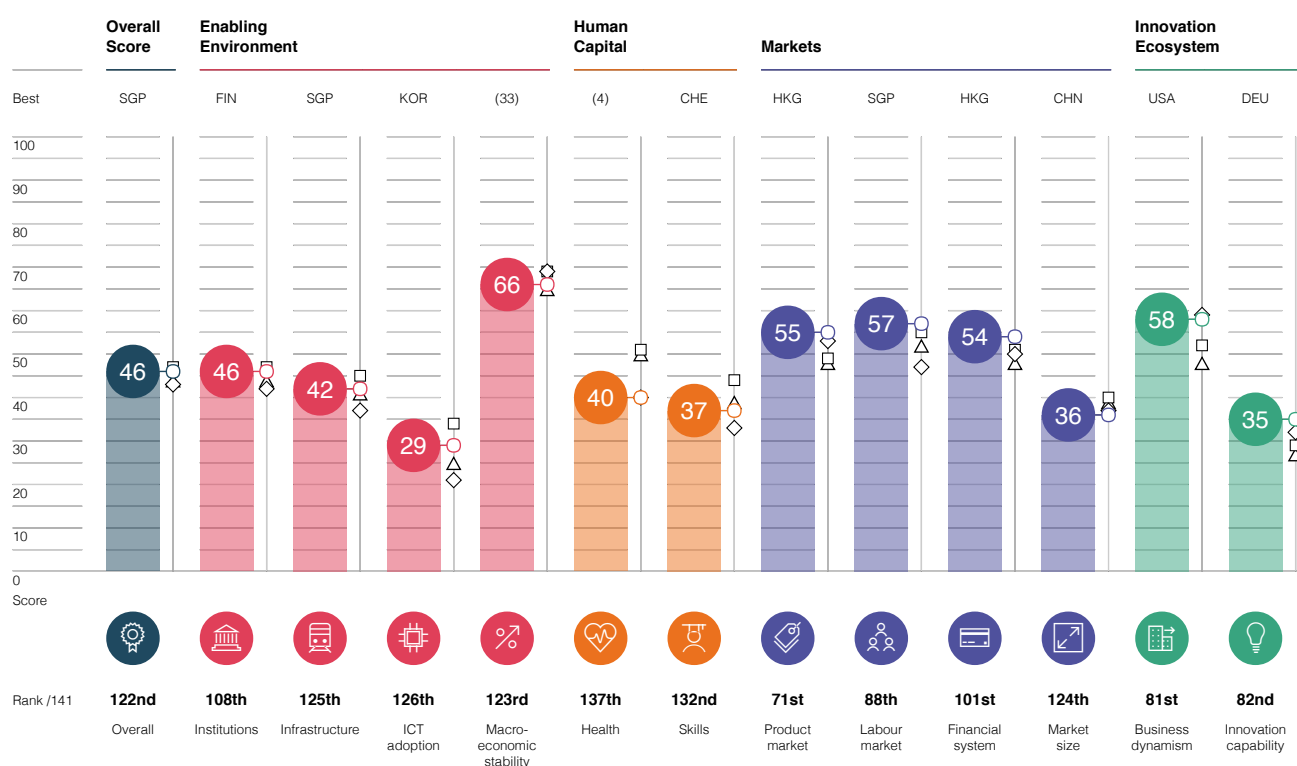


Global Competitiveness Index 4.0 2019 edition

Rank in 2018 edition: 126th/140

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





Selected contextual indicators

Population millions	13.3	GDP (PPP) % world GDP	0.02
GDP per capita US\$	883.0	5-year average FDI inward flow % GDP	6.0
10-year average annual GDP growth %	5.2		

Social and environmental performance

Environmental footprint gha/capita	1.6	Global Gender Gap Index 0-1 (gender parity)	0.7
Renewable energy consumption share %	76.3	Income Gini 0 (perfect equality) -100 (perfect inequality)	33.7
Unemployment rate %	3.6		

Index Component	Value	Score *	Rank/141	Best Performer
 1st pillar: Institutions 0–100	-	46.1 ↑	108	Finland
Security 0–100	-	73.8 ↑	75	Finland
1.01 Organized crime 1–7 (best)	4.0	50.0 ↑	105	Finland
1.02 Homicide rate per 100,000 pop.	2.8	92.3 ↑	79	Multiple (14)
1.03 Terrorism incidence 0 (very high) -100 (no incidence)	99.9	99.9 =	56	Multiple (25)
1.04 Reliability of police services 1–7 (best)	4.2	53.0 ↑	78	Finland
Social capital 0–100	-	46.1 ↑	106	New Zealand
1.05 Social capital 0–100 (best)	46.1	46.1 ↑	98	New Zealand
Checks and balances 0–100	-	39.4 ↑	111	Finland
1.06 Budget transparency 0–100 (best)	n/a	8.7	n/a	Multiple (2)
1.07 Judicial independence 1–7 (best)	3.6	42.8 ↑	79	Finland
1.08 Efficiency of legal framework in challenging regulations 1–7 (best)	3.4	39.7 ↑	73	Finland
1.09 Freedom of the press 0–100 (worst)	33.5	66.5 ↓	86	Norway
Public-sector performance 0–100	-	46.8 ↑	90	Singapore
1.10 Burden of government regulation 1–7 (best)	3.7	44.2 ↑	59	Singapore
1.11 Efficiency of legal framework in settling disputes 1–7 (best)	4.6	60.7 ↑	27	Singapore
1.12 E-Participation 0–1 (best)	0.35	35.4 =	119	Multiple (3)
Transparency 0–100	-	28.0 ↑	116	Denmark
1.13 Incidence of corruption 0–100 (best)	28.0	28.0 ↑	116	Denmark
Property rights 0–100	-	42.2 ↓	107	Finland
1.14 Property rights 1–7 (best)	3.6	43.0 ↓	120	Finland
1.15 Intellectual property protection 1–7 (best)	4.7	62.0 ↑	41	Finland
1.16 Quality of land administration 0–30 (best)	6.5	21.7 =	130	Multiple (5)
Corporate governance 0–100	-	45.8 ↓	116	New Zealand
1.17 Strength of auditing and accounting standards 1–7 (best)	4.5	57.5 ↓	85	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	-	46.4	104	Luxembourg
1.20 Government ensuring policy stability 1–7 (best)	4.0	50.4	65	Switzerland
1.21 Government's responsiveness to change 1–7 (best)	4.0	49.6	52	Singapore
1.22 Legal framework's adaptability to digital business models 1–7 (best)	3.0	32.8	115	United States
1.23 Government long-term vision 1–7 (best)	4.4	56.7	41	Singapore
1.24 Energy efficiency regulation 0–100 (best)	31.0	31.0	79	Italy
1.25 Renewable energy regulation 0–100 (best)	22.4	22.4	104	Germany
1.26 Environment-related treaties in force count (out of 29)	24	82.8	36	Multiple (6)
 2nd pillar: Infrastructure 0–100	-	41.7 ↑	125	Singapore
Transport infrastructure 0–100	-	43.4 ↑	93	Singapore
2.01 Road connectivity 0–100 (best)	59.2	59.2 ↑	113	Multiple (3)
2.02 Quality of road infrastructure 1–7 (best)	3.7	45.0 ↑	87	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	775.0	12.1 =	136	Multiple (8)
2.06 Efficiency of air transport services 1–7 (best)	5.1	68.9 ↑	42	Singapore
2.07 Liner shipping connectivity 0–100 (best)	8.6	8.6 ↓	91	Multiple (5)
2.08 Efficiency of seaport services 1–7 (best)	5.0	66.7 ↑	29	Singapore
Utility infrastructure 0–100	-	39.9 ↓	134	Iceland
2.09 Electricity access % of population	17.2	17.2 ↓	137	Multiple (67)
2.10 Electricity supply quality % of output	n/a	79.8 ↓	n/a	Multiple (10)
2.11 Exposure to unsafe drinking water % of population	78.7	21.7 ↓	137	Multiple (28)
2.12 Reliability of water supply 1–7 (best)	3.5	41.1 ↑	121	Iceland

Index Component	Value	Score *	Rank/141	Best Performer
 3rd pillar: ICT adoption 0–100	-	28.7 ↑	126	Korea, Rep.
3.01 Mobile-cellular telephone subscriptions per 100 pop.	96.1	80.1 ↑	108	Multiple (63)
3.02 Mobile-broadband subscriptions per 100 pop.	30.4	N/Appl.	121	United Arab Emirates
3.03 Fixed-broadband Internet subscriptions per 100 pop.	0.0	0.0 ↑	139	Switzerland
3.04 Fibre internet subscriptions per 100 pop.	n/a	N/Appl.	n/a	Korea, Rep.
3.05 Internet users % of adult population	18.0	18.0 ↑	128	Qatar
 4th pillar: Macroeconomic stability 0–100	-	65.8 ↓	123	Multiple (33)
4.01 Inflation %	9.3	85.3 ↓	126	Multiple (88)
4.02 Debt dynamics 0–100 (best)	46.4	46.4 ↓	111	Multiple (34)
 5th pillar: Health 0–100	-	39.9 ↓	137	Multiple (4)
5.01 Healthy life expectancy years	52.8	39.9 ↓	136	Multiple (4)
 6th pillar: Skills 0–100	-	36.9 ↑	132	Switzerland
Current workforce 0–100	-	36.4 ↑	130	Switzerland
6.01 Mean years of schooling years	2.8	18.7 =	136	Germany
Skills of current workforce 0–100	-	54.0 ↑	57	Switzerland
6.02 Extent of staff training 1–7 (best)	5.2	70.3 ↓	11	Switzerland
6.03 Quality of vocational training 1–7 (best)	4.7	61.3 ↑	32	Switzerland
6.04 Skillset of graduates 1–7 (best)	4.0	49.8 ↑	78	Switzerland
6.05 Digital skills among active population 1–7 (best)	3.4	39.2 ↑	124	Finland
6.06 Ease of finding skilled employees 1–7 (best)	4.0	49.6 ↑	91	United States
Future workforce 0–100	-	37.5 ↑	134	Denmark
6.07 School life expectancy years	9.1	50.6 =	113	Multiple (11)
Skills of future workforce 0–100	-	24.5 ↑	132	Denmark
6.08 Critical thinking in teaching 1–7 (best)	3.5	41.9 ↑	66	Finland
6.09 Pupil-to-teacher ratio in primary education ratio	47.1	7.1 ↓	131	Multiple (5)
 7th pillar: Product market 0–100	-	54.6 ↑	71	Hong Kong SAR
Domestic competition 0–100	-	58.3 ↑	39	Hong Kong SAR
7.01 Distortive effect of taxes and subsidies on competition 1–7 (best)	3.5	42.3 ↑	89	Singapore
7.02 Extent of market dominance 1–7 (best)	4.7	61.2 ↑	22	Switzerland
7.03 Competition in services 1–7 (best)	5.3	71.5 ↓	40	Hong Kong SAR
Trade openness 0–100	-	50.9 ↓	112	Singapore
7.04 Prevalence of non-tariff barriers 1–7 (best)	3.4	40.8 ↓	133	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)	2.4	36.2 =	95	Germany
 8th pillar: Labour market 0–100	-	57.0 ↑	88	Singapore
Flexibility 0–100	-	63.4 ↑	30	Singapore
8.01 Redundancy costs weeks of salary	10.1	87.3 ↓	30	Multiple (8)
8.02 Hiring and firing practices 1–7 (best)	3.7	45.3 ↓	86	Hong Kong SAR
8.03 Cooperation in labour-employer relations 1–7 (best)	5.1	68.7 ↑	25	Singapore
8.04 Flexibility of wage determination 1–7 (best)	4.8	63.2 ↓	83	Estonia
8.05 Active labour market policies 1–7 (best)	3.7	45.8 ↑	56	Switzerland
8.06 Workers' rights 0–100 (best)	n/a	69.2 ↑	n/a	Multiple (2)
8.07 Ease of hiring foreign labour 1–7 (best)	4.4	57.2 ↓	45	Albania
8.08 Internal labour mobility 1–7 (best)	5.2	70.6 ↓	11	United States
Meritocracy and incentivization 0–100	-	50.5 ↑	119	Denmark
8.09 Reliance on professional management 1–7 (best)	5.4	73.5 ↑	19	Finland
8.10 Pay and productivity 1–7 (best)	4.3	55.2 ↑	47	Hong Kong SAR
8.11 Ratio of wage and salaried female workers to male workers %	0.22	2.0 ↓	135	Multiple (4)
8.12 Labour tax rate %	28.6	71.4 =	120	Multiple (24)

Index Component	Value	Score *	Rank/141	Best Performer
 9th pillar: Financial system 0–100	-	53.5 ↑	101	Hong Kong SAR
Depth 0–100	-	25.7 ↑	109	United States
9.01 Domestic credit to private sector % GDP	10.3	10.8 ↑	133	Multiple (30)
9.02 Financing of SMEs 1–7 (best)	4.7	61.9 ↑	20	Finland
9.03 Venture capital availability 1–7 (best)	3.6	43.5 ↑	43	United States
9.04 Market capitalization % GDP	0.0	0.0	125	Multiple (15)
9.05 Insurance premium volume to GDP	n/a	12.5 ↑	n/a	Multiple (17)
Stability 0–100	-	88.2 ↓	71	Finland
9.06 Soundness of banks 1–7 (best)	5.4	73.4 ↓	51	Finland
9.07 Non-performing loans % of gross total loans	10.7	79.4 ↓	111	Multiple (3)
9.08 Credit gap %	0.9	100.0 =	1	Multiple (98)
9.09 Banks' regulatory capital ratio % of total risk-weighted assets	17.1	100.0 ↑	73	Multiple (74)
 10th pillar: Market size 0–100	-	36.3 ↓	124	China
10.01 Gross domestic product PPP \$ billions	27	N/ Appl.	119	China
10.02 Imports of goods and services % GDP	38.8	N/ Appl.	84	Hong Kong SAR
 11th pillar: Business dynamism 0–100	-	58.2 ↓	81	United States
Administrative requirements 0–100	-	61.1 ↑	103	United States
11.01 Cost of starting a business % of GNI per capita	38.2	80.9 ↑	121	Multiple (2)
11.02 Time to start a business days	15.0	85.4 ↓	85	New Zealand
11.03 Insolvency recovery rate cents to the dollar	20.4	22.0 ↓	114	Japan
11.04 Insolvency regulatory framework 0–16 (best)	9.0	56.3 =	75	Multiple (6)
Entrepreneurial culture 0–100	-	55.2 ↓	43	Israel
11.05 Attitudes towards entrepreneurial risk 1–7 (best)	4.3	54.3 ↓	47	Israel
11.06 Willingness to delegate authority 1–7 (best)	4.7	60.9 ↓	43	Denmark
11.07 Growth of innovative companies 1–7 (best)	4.3	54.8 ↓	50	Israel
11.08 Companies embracing disruptive ideas 1–7 (best)	4.0	50.7 ↓	37	Israel
 12th pillar: Innovation capability 0–100	-	34.9 ↑	82	Germany
Interaction and diversity 0–100	-	44.2 ↓	49	Singapore
12.01 Diversity of workforce 1–7 (best)	4.7	61.5 ↓	51	Singapore
12.02 State of cluster development 1–7 (best)	4.2	52.5 ↑	45	Italy
12.03 International co-inventions per million pop.	0.00	0.0	126	Multiple (5)
12.04 Multi-stakeholder collaboration 1–7 (best)	4.8	62.6 ↑	20	Israel
Research and development 0–100	-	17.7 ↑	124	Japan
12.05 Scientific publications score	55.7	59.8 ↑	129	Multiple (9)
12.06 Patent applications per million pop.	0.03	0.5	111	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	0.0	117	Multiple (7)
Commercialization 0–100	-	51.0 ↑	85	Luxembourg
12.09 Buyer sophistication 1–7 (best)	3.7	44.3 ↑	63	Korea, Rep.
12.10 Trademark applications per million pop.	214.62	57.8 ↑	92	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/>