

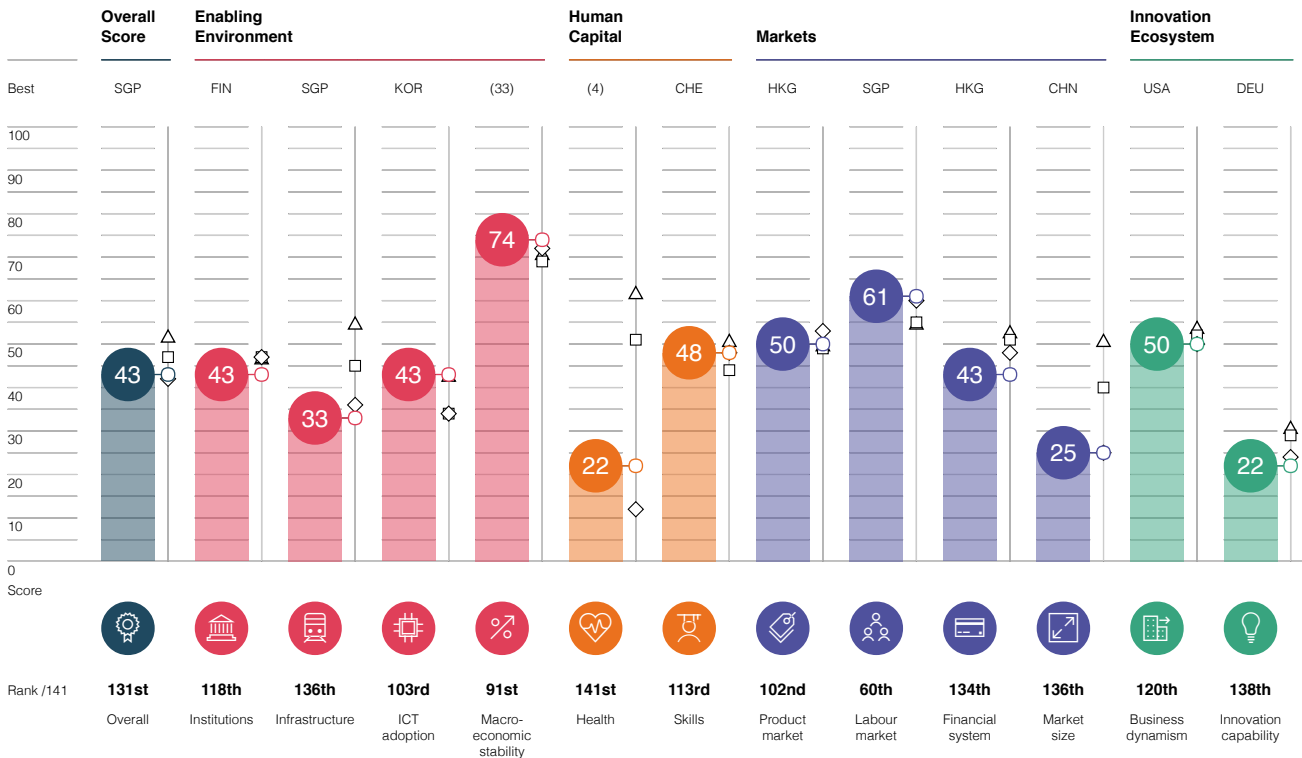
Global Competitiveness Index 4.0 2019 edition

Rank in 2018 edition: 130th/140

Performance Overview Key

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

2019








Selected contextual indicators

Population millions	2.0	GDP (PPP) % world GDP	0.01
GDP per capita US\$	1,357.8	5-year average FDI inward flow % GDP	1.8
10-year average annual GDP growth %	2.8		

Social and environmental performance

Environmental footprint gha/capita	1.5	Global Gender Gap Index 0-1 (gender parity)	0.7
Renewable energy consumption share %	52.1	Income Gini 0 (perfect equality) -100 (perfect inequality)	54.2
Unemployment rate %	23.6		

Index Component	Value	Score *	Rank/141	Best Performer
 1st pillar: Institutions 0–100	-	43.0 ↓	118	Finland
Security 0–100	-	59.4 ↓	121	Finland
1.01 Organized crime 1–7 (best)	5.4	73.7 ↓	32	Finland
1.02 Homicide rate per 100,000 pop.	41.2	0.0	136	Multiple (14)
1.03 Terrorism incidence 0 (very high) -100 (no incidence)	100.0	100.0 =	39	Multiple (25)
1.04 Reliability of police services 1–7 (best)	4.8	63.8 ↓	55	Finland
Social capital 0–100	-	48.5 ↓	89	New Zealand
1.05 Social capital 0–100 (best)	48.5	48.5 ↓	81	New Zealand
Checks and balances 0–100	-	38.7 ↓	113	Finland
1.06 Budget transparency 0–100 (best)	0	0.0	97	Multiple (2)
1.07 Judicial independence 1–7 (best)	3.5	42.1 ↓	81	Finland
1.08 Efficiency of legal framework in challenging regulations 1–7 (best)	3.5	42.3 ↑	61	Finland
1.09 Freedom of the press 0–100 (worst)	29.7	70.3 ↓	62	Norway
Public-sector performance 0–100	-	31.5 ↓	129	Singapore
1.10 Burden of government regulation 1–7 (best)	3.7	44.5 ↓	58	Singapore
1.11 Efficiency of legal framework in settling disputes 1–7 (best)	3.5	42.2 ↑	79	Singapore
1.12 E-Participation 0–1 (best)	0.08	7.9 =	139	Multiple (3)
Transparency 0–100	-	41.0 ↓	66	Denmark
1.13 Incidence of corruption 0–100 (best)	41.0	41.0 ↓	66	Denmark
Property rights 0–100	-	38.2 ↓	121	Finland
1.14 Property rights 1–7 (best)	3.4	39.2 ↓	127	Finland
1.15 Intellectual property protection 1–7 (best)	3.6	43.8 ↑	107	Finland
1.16 Quality of land administration 0–30 (best)	9.5	31.7 =	108	Multiple (5)
Corporate governance 0–100	-	41.4 ↓	126	New Zealand
1.17 Strength of auditing and accounting standards 1–7 (best)	2.4	24.1 ↓	140	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	-	45.3	106	Luxembourg
1.20 Government ensuring policy stability 1–7 (best)	3.4	39.3	105	Switzerland
1.21 Government's responsiveness to change 1–7 (best)	3.6	42.5	81	Singapore
1.22 Legal framework's adaptability to digital business models 1–7 (best)	3.9	47.8	52	United States
1.23 Government long-term vision 1–7 (best)	3.8	47.0	75	Singapore
1.24 Energy efficiency regulation 0–100 (best)	n/a	28.4	n/a	Italy
1.25 Renewable energy regulation 0–100 (best)	n/a	45.6	n/a	Germany
1.26 Environment-related treaties in force count (out of 29)	19	65.5	107	Multiple (6)
 2nd pillar: Infrastructure 0–100	-	33.3 ↓	136	Singapore
Transport infrastructure 0–100	-	21.4 ↑	139	Singapore
2.01 Road connectivity 0–100 (best)	44.7	44.7 ↓	130	Multiple (3)
2.02 Quality of road infrastructure 1–7 (best)	2.7	29.2 ↑	125	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	182.5	5.8 =	140	Multiple (8)
2.06 Efficiency of air transport services 1–7 (best)	1.4	6.0 ↑	141	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)	n/a	n/a	n/a	Singapore
Utility infrastructure 0–100	-	45.1 ↓	128	Iceland
2.09 Electricity access % of population	34.4	34.4 ↓	126	Multiple (67)
2.10 Electricity supply quality % of output	n/a	82.0 ↓	n/a	Multiple (10)
2.11 Exposure to unsafe drinking water % of population	72.5	28.1 ↓	127	Multiple (28)
2.12 Reliability of water supply 1–7 (best)	3.2	35.9 ↑	123	Iceland

Index Component	Value	Score *	Rank/141	Best Performer
 3rd pillar: ICT adoption 0–100	-	43.0 ↑	103	Korea, Rep.
3.01 Mobile-cellular telephone subscriptions per 100 pop.	113.8	94.9 ↑	79	Multiple (63)
3.02 Mobile-broadband subscriptions per 100 pop.	59.0	N/Appl.	92	United Arab Emirates
3.03 Fixed-broadband Internet subscriptions per 100 pop.	0.3	0.5 ↑	122	Switzerland
3.04 Fibre internet subscriptions per 100 pop.	0.1	N/Appl.	97	Korea, Rep.
3.05 Internet users % of adult population	29.0	29.0 ↑	113	Qatar
 4th pillar: Macroeconomic stability 0–100	-	73.8 ↑	91	Multiple (33)
4.01 Inflation %	4.9	97.6 ↑	105	Multiple (88)
4.02 Debt dynamics 0–100 (best)	50.0	50.0 =	64	Multiple (34)
 5th pillar: Health 0–100	-	21.7 ↑	141	Multiple (4)
5.01 Healthy life expectancy years	47.0	21.7 ↑	140	Multiple (4)
 6th pillar: Skills 0–100	-	48.3 ↑	113	Switzerland
Current workforce 0–100	-	44.2 ↓	113	Switzerland
6.01 Mean years of schooling years	7.1	47.3 =	103	Germany
Skills of current workforce 0–100	-	41.1 ↓	122	Switzerland
6.02 Extent of staff training 1–7 (best)	3.5	42.3 ↑	115	Switzerland
6.03 Quality of vocational training 1–7 (best)	3.4	39.7 ↓	123	Switzerland
6.04 Skillset of graduates 1–7 (best)	3.5	41.7 ↓	115	Switzerland
6.05 Digital skills among active population 1–7 (best)	3.5	41.5 ↑	119	Finland
6.06 Ease of finding skilled employees 1–7 (best)	3.4	40.5 ↑	126	United States
Future workforce 0–100	-	52.4 ↑	113	Denmark
6.07 School life expectancy years	10.6	58.7 =	104	Multiple (11)
Skills of future workforce 0–100	-	46.1 ↑	101	Denmark
6.08 Critical thinking in teaching 1–7 (best)	4.0	49.6 ↑	38	Finland
6.09 Pupil-to-teacher ratio in primary education ratio	32.9	42.6 ↑	113	Multiple (5)
 7th pillar: Product market 0–100	-	50.3 ↓	102	Hong Kong SAR
Domestic competition 0–100	-	53.5 ↓	68	Hong Kong SAR
7.01 Distortive effect of taxes and subsidies on competition 1–7 (best)	3.4	40.7 ↑	99	Singapore
7.02 Extent of market dominance 1–7 (best)	3.6	42.8 ↓	94	Switzerland
7.03 Competition in services 1–7 (best)	5.6	76.8 ↑	9	Hong Kong SAR
Trade openness 0–100	-	47.2 ↓	121	Singapore
7.04 Prevalence of non-tariff barriers 1–7 (best)	3.0	33.5 ↑	140	Singapore
7.05 Trade tariffs %	6.49	56.7 ↑	83	Hong Kong SAR
7.06 Complexity of tariffs 1–7 (best)	4.9	64.5 ↑	91	Hong Kong SAR
7.07 Border clearance efficiency 1–5 (best)	2.4	34.0 =	110	Germany
 8th pillar: Labour market 0–100	-	61.3 ↑	60	Singapore
Flexibility 0–100	-	52.1 ↑	110	Singapore
8.01 Redundancy costs weeks of salary	15.0	77.1 =	65	Multiple (8)
8.02 Hiring and firing practices 1–7 (best)	3.6	42.8 ↑	99	Hong Kong SAR
8.03 Cooperation in labour-employer relations 1–7 (best)	3.4	39.6 ↑	136	Singapore
8.04 Flexibility of wage determination 1–7 (best)	3.6	43.7 ↓	132	Estonia
8.05 Active labour market policies 1–7 (best)	3.7	45.5 ↓	57	Switzerland
8.06 Workers' rights 0–100 (best)	79.0	79.0 ↑	44	Multiple (2)
8.07 Ease of hiring foreign labour 1–7 (best)	3.5	42.1 ↑	120	Albania
8.08 Internal labour mobility 1–7 (best)	3.8	47.3 ↑	117	United States
Meritocracy and incentivization 0–100	-	70.4 ↑	32	Denmark
8.09 Reliance on professional management 1–7 (best)	3.4	40.3 ↑	126	Finland
8.10 Pay and productivity 1–7 (best)	3.5	41.4 ↑	107	Hong Kong SAR
8.11 Ratio of wage and salaried female workers to male workers %	1.05	100.0 ↑	1	Multiple (4)
8.12 Labour tax rate %	0.0	100.0 =	1	Multiple (24)

Index Component	Value	Score *	Rank/141	Best Performer
 9th pillar: Financial system 0–100	-	43.4 ↓	134	Hong Kong SAR
Depth 0–100	-	16.6 ↓	133	United States
9.01 Domestic credit to private sector % GDP	17.2	18.1 ↓	120	Multiple (30)
9.02 Financing of SMEs 1–7 (best)	2.8	29.5 ↑	129	Finland
9.03 Venture capital availability 1–7 (best)	1.9	14.6 ↑	138	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	-	76.9 ↑	126	Finland
9.06 Soundness of banks 1–7 (best)	1.9	15.5 ↑	141	Finland
9.07 Non-performing loans % of gross total loans	4.4	92.1 ↓	71	Multiple (3)
9.08 Credit gap %	-0.3	100.0 =	1	Multiple (98)
9.09 Banks' regulatory capital ratio % of total risk-weighted assets	17.6	100.0 ↑	63	Multiple (74)
 10th pillar: Market size 0–100	-	24.8 ↑	136	China
10.01 Gross domestic product PPP \$ billions	6	N/Appl.	137	China
10.02 Imports of goods and services % GDP	95.0	N/Appl.	10	Hong Kong SAR
 11th pillar: Business dynamism 0–100	-	50.1 ↑	120	United States
Administrative requirements 0–100	-	60.4 ↑	108	United States
11.01 Cost of starting a business % of GNI per capita	7.1	96.5 ↑	74	Multiple (2)
11.02 Time to start a business days	29.0	71.4 =	116	New Zealand
11.03 Insolvency recovery rate cents to the dollar	27.9	30.0 =	98	Japan
11.04 Insolvency regulatory framework 0–16 (best)	7.0	43.8 =	101	Multiple (6)
Entrepreneurial culture 0–100	-	39.8 ↑	126	Israel
11.05 Attitudes towards entrepreneurial risk 1–7 (best)	3.4	40.3 ↓	122	Israel
11.06 Willingness to delegate authority 1–7 (best)	3.3	38.7 ↓	133	Denmark
11.07 Growth of innovative companies 1–7 (best)	3.4	40.7 ↑	120	Israel
11.08 Companies embracing disruptive ideas 1–7 (best)	3.4	39.6 ↑	99	Israel
 12th pillar: Innovation capability 0–100	-	21.8 ↓	138	Germany
Interaction and diversity 0–100	-	28.6 ↓	132	Singapore
12.01 Diversity of workforce 1–7 (best)	3.3	37.9 ↓	135	Singapore
12.02 State of cluster development 1–7 (best)	3.3	38.1 ↓	110	Italy
12.03 International co-inventions per million pop.	0.00	0.0	126	Multiple (5)
12.04 Multi-stakeholder collaboration 1–7 (best)	3.3	38.5 ↑	104	Israel
Research and development 0–100	-	13.5 ↓	141	Japan
12.05 Scientific publications score	33.7	52.5 ↑	140	Multiple (9)
12.06 Patent applications per million pop.	0.00	0.0	132	Multiple (8)
12.07 R&D expenditures % GDP	0.0	1.6 ↓	122	Multiple (7)
12.08 Research institutions prominence 0–100 (best)	0.00	0.0	117	Multiple (7)
Commercialization 0–100	-	24.8 ↓	133	Luxembourg
12.09 Buyer sophistication 1–7 (best)	4.0	49.6 ↓	38	Korea, Rep.
12.10 Trademark applications per million pop.	0.00	0.0	126	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/>