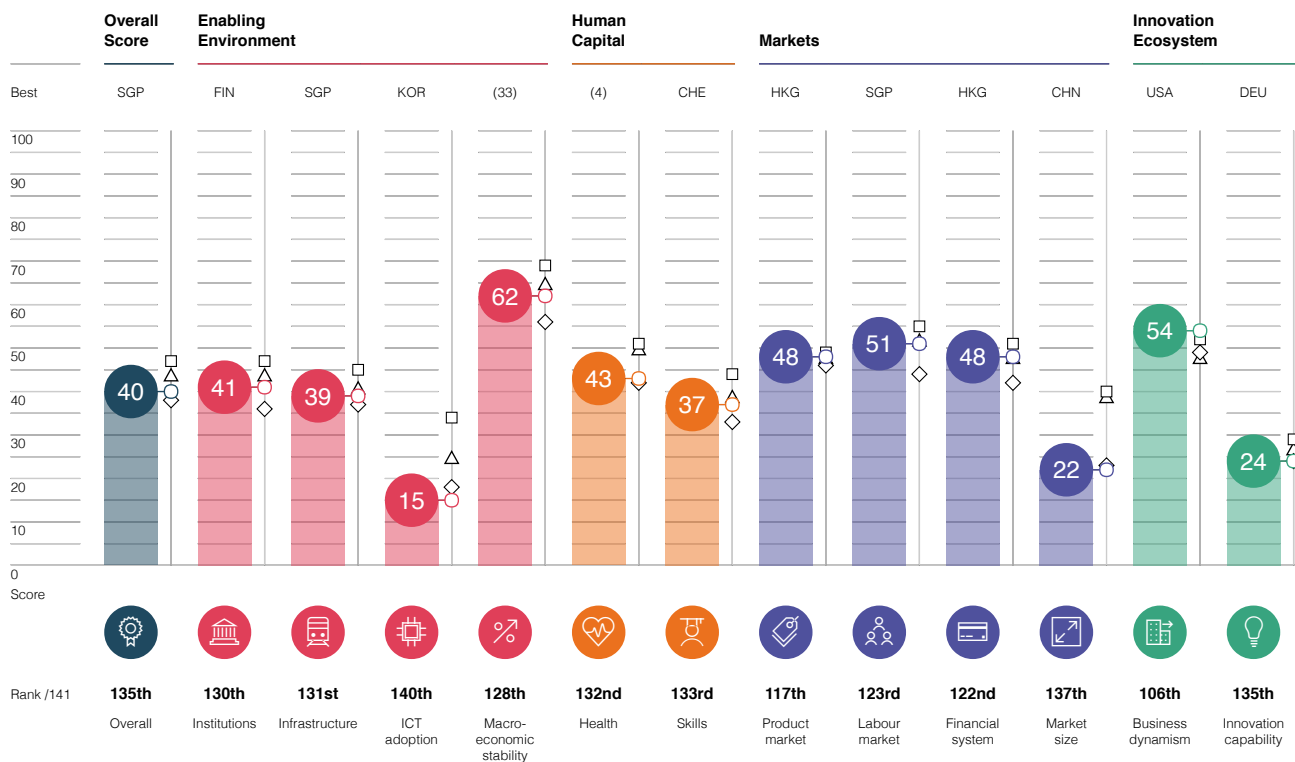


Global Competitiveness Index 4.0 2019 edition

Rank in 2018 edition: 136th/140

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






Selected contextual indicators

Population millions	11.2	GDP (PPP) % world GDP	0.01
GDP per capita US\$	307.0	5-year average FDI inward flow % GDP	0.4
10-year average annual GDP growth %	1.9		

Social and environmental performance

Environmental footprint gha/capita	1.1	Global Gender Gap Index 0-1 (gender parity)	0.7
Renewable energy consumption share %	95.7	Income Gini 0 (perfect equality) -100 (perfect inequality)	38.6
Unemployment rate %	1.5		

Index Component	Value	Score *	Rank/141	Best Performer
 1st pillar: Institutions 0–100	-	40.7 ↑	130	Finland
Security 0–100	-	72.5 ↑	83	Finland
1.01 Organized crime 1–7 (best)	4.8	63.7 ↑	59	Finland
1.02 Homicide rate per 100,000 pop.	6.0	81.4 ↑	99	Multiple (14)
1.03 Terrorism incidence 0 (very high) -100 (no incidence)	91.3	91.3 =	122	Multiple (25)
1.04 Reliability of police services 1–7 (best)	4.2	53.7 ↑	75	Finland
Social capital 0–100	-	35.2 ↑	141	New Zealand
1.05 Social capital 0–100 (best)	35.2	35.2 ↑	132	New Zealand
Checks and balances 0–100	-	34.0 ↑	128	Finland
1.06 Budget transparency 0–100 (best)	7	7.0	90	Multiple (2)
1.07 Judicial independence 1–7 (best)	3.5	41.0 ↑	84	Finland
1.08 Efficiency of legal framework in challenging regulations 1–7 (best)	3.5	40.9 ↑	65	Finland
1.09 Freedom of the press 0–100 (worst)	52.9	47.1 ↑	130	Norway
Public-sector performance 0–100	-	43.3 ↑	100	Singapore
1.10 Burden of government regulation 1–7 (best)	3.9	49.1 ↑	35	Singapore
1.11 Efficiency of legal framework in settling disputes 1–7 (best)	4.0	50.0 ↑	59	Singapore
1.12 E-Participation 0–1 (best)	0.31	30.9 =	124	Multiple (3)
Transparency 0–100	-	17.0 ↓	140	Denmark
1.13 Incidence of corruption 0–100 (best)	17.0	17.0 ↓	140	Denmark
Property rights 0–100	-	39.2 ↑	119	Finland
1.14 Property rights 1–7 (best)	4.3	55.7 ↑	71	Finland
1.15 Intellectual property protection 1–7 (best)	3.8	47.0 ↑	93	Finland
1.16 Quality of land administration 0–30 (best)	4.5	15.0 =	138	Multiple (5)
Corporate governance 0–100	-	45.6 ↑	117	New Zealand
1.17 Strength of auditing and accounting standards 1–7 (best)	4.0	49.8 ↑	109	Finland
1.18 Conflict of interest regulation 0–10 (best)	5.7	57.0 =	68	Kenya
1.19 Shareholder governance 0–10 (best)	3.0	30.0 =	132	Kazakhstan
Future orientation of government 0–100	-	38.9	123	Luxembourg
1.20 Government ensuring policy stability 1–7 (best)	4.0	50.4	66	Switzerland
1.21 Government's responsiveness to change 1–7 (best)	3.7	44.3	74	Singapore
1.22 Legal framework's adaptability to digital business models 1–7 (best)	3.4	39.2	88	United States
1.23 Government long-term vision 1–7 (best)	3.9	48.0	70	Singapore
1.24 Energy efficiency regulation 0–100 (best)	9.3	9.3	112	Italy
1.25 Renewable energy regulation 0–100 (best)	29.3	29.3	99	Germany
1.26 Environment-related treaties in force count (out of 29)	17	58.6	126	Multiple (6)
 2nd pillar: Infrastructure 0–100	-	39.2 ↑	131	Singapore
Transport infrastructure 0–100	-	38.8 ↑	113	Singapore
2.01 Road connectivity 0–100 (best)	53.6	53.6 ↑	123	Multiple (3)
2.02 Quality of road infrastructure 1–7 (best)	3.9	48.9 ↑	75	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	205.6	6.2 =	138	Multiple (8)
2.06 Efficiency of air transport services 1–7 (best)	3.8	46.5 ↑	107	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)	3.2	37.4 ↑	102	Singapore
Utility infrastructure 0–100	-	39.5 ↓	135	Iceland
2.09 Electricity access % of population	10.1	10.1 ↑	140	Multiple (67)
2.10 Electricity supply quality % of output	n/a	77.5 ↑	n/a	Multiple (10)
2.11 Exposure to unsafe drinking water % of population	81.4	18.9 ↓	138	Multiple (28)
2.12 Reliability of water supply 1–7 (best)	4.1	51.6 ↑	101	Iceland

Index Component	Value	Score *	Rank/141	Best Performer
 3rd pillar: ICT adoption 0–100	-	14.8 ↓	140	Korea, Rep.
3.01 Mobile-cellular telephone subscriptions per 100 pop.	56.5	47.1 ↑	132	Multiple (63)
3.02 Mobile-broadband subscriptions per 100 pop.	11.4	N/Apl.	138	United Arab Emirates
3.03 Fixed-broadband Internet subscriptions per 100 pop.	0.0	0.1 ↓	137	Switzerland
3.04 Fibre internet subscriptions per 100 pop.	0.0	N/Apl.	124	Korea, Rep.
3.05 Internet users % of adult population	2.7	2.7 ↓	141	Qatar
 4th pillar: Macroeconomic stability 0–100	-	61.9 ↑	128	Multiple (33)
4.01 Inflation %	8.9	86.3 ↑	125	Multiple (88)
4.02 Debt dynamics 0–100 (best)	37.4	37.4 ↑	135	Multiple (34)
 5th pillar: Health 0–100	-	43.1 ↑	132	Multiple (4)
5.01 Healthy life expectancy years	53.8	43.1 ↑	131	Multiple (4)
 6th pillar: Skills 0–100	-	36.6 ↑	133	Switzerland
Current workforce 0–100	-	30.8 ↑	135	Switzerland
6.01 Mean years of schooling years	1.9	12.7 ↓	139	Germany
Skills of current workforce 0–100	-	48.9 ↑	90	Switzerland
6.02 Extent of staff training 1–7 (best)	3.5	42.0 ↑	117	Switzerland
6.03 Quality of vocational training 1–7 (best)	4.1	52.5 ↑	72	Switzerland
6.04 Skillset of graduates 1–7 (best)	4.2	52.6 ↑	64	Switzerland
6.05 Digital skills among active population 1–7 (best)	3.2	37.1 ↑	127	Finland
6.06 Ease of finding skilled employees 1–7 (best)	4.6	60.5 ↑	36	United States
Future workforce 0–100	-	42.3 ↑	126	Denmark
6.07 School life expectancy years	11.3	62.8 ↓	96	Multiple (11)
Skills of future workforce 0–100	-	21.8 ↑	136	Denmark
6.08 Critical thinking in teaching 1–7 (best)	3.6	42.7 ↑	59	Finland
6.09 Pupil-to-teacher ratio in primary education ratio	49.6	1.0 ↑	133	Multiple (5)
 7th pillar: Product market 0–100	-	47.9 ↑	117	Hong Kong SAR
Domestic competition 0–100	-	50.9 ↑	82	Hong Kong SAR
7.01 Distortive effect of taxes and subsidies on competition 1–7 (best)	3.9	49.1 ↑	60	Singapore
7.02 Extent of market dominance 1–7 (best)	3.8	46.1 ↑	75	Switzerland
7.03 Competition in services 1–7 (best)	4.4	57.4 ↑	111	Hong Kong SAR
Trade openness 0–100	-	44.9 ↓	128	Singapore
7.04 Prevalence of non-tariff barriers 1–7 (best)	3.7	45.5 ↑	129	Singapore
7.05 Trade tariffs %	10.65	29.0 ↑	119	Hong Kong SAR
7.06 Complexity of tariffs 1–7 (best)	6.3	87.9 ↑	52	Hong Kong SAR
7.07 Border clearance efficiency 1–5 (best)	1.7	17.2 =	136	Germany
 8th pillar: Labour market 0–100	-	50.7 ↑	123	Singapore
Flexibility 0–100	-	49.4 ↑	124	Singapore
8.01 Redundancy costs weeks of salary	15.9	75.2 ↓	71	Multiple (8)
8.02 Hiring and firing practices 1–7 (best)	4.1	51.2 ↑	48	Hong Kong SAR
8.03 Cooperation in labour-employer relations 1–7 (best)	4.3	54.7 ↑	90	Singapore
8.04 Flexibility of wage determination 1–7 (best)	5.5	74.5 ↑	27	Estonia
8.05 Active labour market policies 1–7 (best)	2.6	26.8 ↑	108	Switzerland
8.06 Workers' rights 0–100 (best)	3.0	3.0	122	Multiple (2)
8.07 Ease of hiring foreign labour 1–7 (best)	4.2	52.5 ↑	67	Albania
8.08 Internal labour mobility 1–7 (best)	4.4	57.3 ↑	74	United States
Meritocracy and incentivization 0–100	-	52.0 ↑	111	Denmark
8.09 Reliance on professional management 1–7 (best)	3.9	49.1 ↑	98	Finland
8.10 Pay and productivity 1–7 (best)	3.3	37.6 ↑	125	Hong Kong SAR
8.11 Ratio of wage and salaried female workers to male workers %	0.40	24.5 ↑	116	Multiple (4)
8.12 Labour tax rate %	10.2	96.9 =	30	Multiple (24)

Index Component	Value	Score *	Rank/141	Best Performer
 9th pillar: Financial system 0–100	-	47.5 ↑	122	Hong Kong SAR
Depth 0–100	-	20.7 ↑	124	United States
9.01 Domestic credit to private sector % GDP	16.3	17.2 ↓	121	Multiple (30)
9.02 Financing of SMEs 1–7 (best)	3.4	40.4 ↑	108	Finland
9.03 Venture capital availability 1–7 (best)	3.0	33.7 ↑	78	United States
9.04 Market capitalization % GDP	0.0	0.0	125	Multiple (15)
9.05 Insurance premium volume to GDP	0.7	12.1 ↑	106	Multiple (17)
Stability 0–100	-	81.1 ↑	114	Finland
9.06 Soundness of banks 1–7 (best)	4.1	52.1 ↑	109	Finland
9.07 Non-performing loans % of gross total loans	14.2	72.3 ↑	124	Multiple (3)
9.08 Credit gap %	-2.1	100.0 =	1	Multiple (98)
9.09 Banks' regulatory capital ratio % of total risk-weighted assets	21.2	100.0 =	27	Multiple (74)
 10th pillar: Market size 0–100	-	22.5 ↓	137	China
10.01 Gross domestic product PPP \$ billions	7	N/Appl.	136	China
10.02 Imports of goods and services % GDP	29.9	N/Appl.	109	Hong Kong SAR
 11th pillar: Business dynamism 0–100	-	53.7 ↑	106	United States
Administrative requirements 0–100	-	63.1 ↑	94	United States
11.01 Cost of starting a business % of GNI per capita	10.7	94.7 ↑	84	Multiple (2)
11.02 Time to start a business days	4.0	96.5 =	14	New Zealand
11.03 Insolvency recovery rate cents to the dollar	7.5	8.1 ↓	131	Japan
11.04 Insolvency regulatory framework 0–16 (best)	8.5	53.1 =	88	Multiple (6)
Entrepreneurial culture 0–100	-	44.3 ↑	107	Israel
11.05 Attitudes towards entrepreneurial risk 1–7 (best)	3.6	43.2 ↑	115	Israel
11.06 Willingness to delegate authority 1–7 (best)	4.1	52.2 ↑	93	Denmark
11.07 Growth of innovative companies 1–7 (best)	3.6	42.7 ↑	110	Israel
11.08 Companies embracing disruptive ideas 1–7 (best)	3.4	39.2 ↑	105	Israel
 12th pillar: Innovation capability 0–100	-	24.4 ↑	135	Germany
Interaction and diversity 0–100	-	35.0 ↑	98	Singapore
12.01 Diversity of workforce 1–7 (best)	4.2	53.8 ↑	92	Singapore
12.02 State of cluster development 1–7 (best)	3.4	40.7 ↑	100	Italy
12.03 International co-inventions per million pop.	0.00	0.0	126	Multiple (5)
12.04 Multi-stakeholder collaboration 1–7 (best)	3.7	45.6 ↑	67	Israel
Research and development 0–100	-	14.8 ↑	138	Japan
12.05 Scientific publications score	38.3	54.4 ↑	137	Multiple (9)
12.06 Patent applications per million pop.	0.03	0.6	109	Multiple (8)
12.07 R&D expenditures % GDP	0.1	4.0 ↓	105	Multiple (7)
12.08 Research institutions prominence 0–100 (best)	0.00	0.0	117	Multiple (7)
Commercialization 0–100	-	22.6 ↓	135	Luxembourg
12.09 Buyer sophistication 1–7 (best)	2.6	25.9 ↑	131	Korea, Rep.
12.10 Trademark applications per million pop.	5.03	19.3 ↓	125	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/>