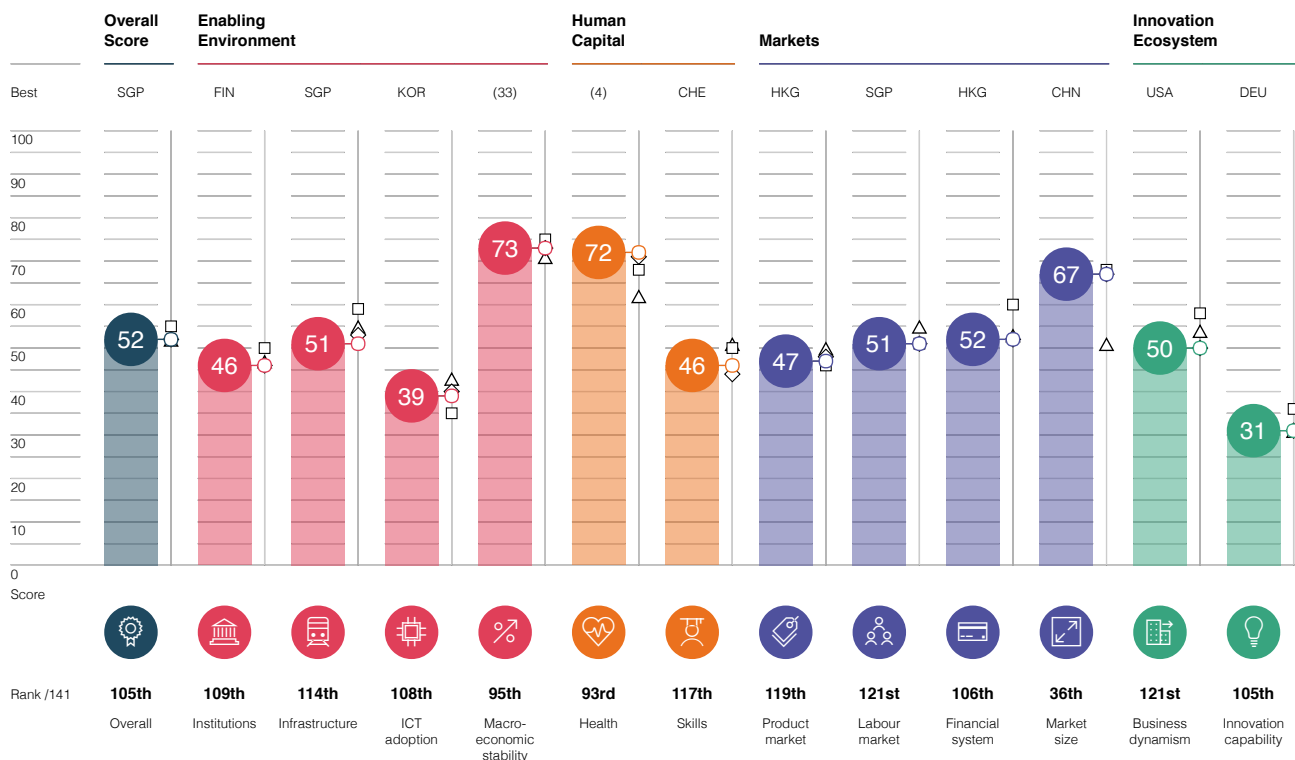


Global Competitiveness Index 4.0 2019 edition

Rank in 2018 edition: 103rd/140

Performance Overview 2019 Key ◊ Previous edition ▲ Lower-middle-income group average ◻ South Asia average





Selected contextual indicators

Population millions	164.9	GDP (PPP) % world GDP	0.56
GDP per capita US\$	1,744.5	5-year average FDI inward flow % GDP	1.1
10-year average annual GDP growth %	5.9		

Social and environmental performance

Environmental footprint gha/capita	0.5	Global Gender Gap Index 0-1 (gender parity)	0.7
Renewable energy consumption share %	34.7	Income Gini 0 (perfect equality) -100 (perfect inequality)	32.4
Unemployment rate %	4.3		

Index Component	Value	Score *	Rank/141	Best Performer
 1st pillar: Institutions 0–100	-	45.9 ↓	109	Finland
Security 0–100	-	67.9 ↓	101	Finland
1.01 Organized crime 1–7 (best)	4.0	49.6 ↓	106	Finland
1.02 Homicide rate per 100,000 pop.	2.2	94.2 ↑	68	Multiple (14)
1.03 Terrorism incidence 0 (very high) -100 (no incidence)	85.9	85.9 =	127	Multiple (25)
1.04 Reliability of police services 1–7 (best)	3.5	41.8 ↑	110	Finland
Social capital 0–100	-	47.2 ↑	96	New Zealand
1.05 Social capital 0–100 (best)	47.2	47.2 ↑	88	New Zealand
Checks and balances 0–100	-	40.1 ↓	107	Finland
1.06 Budget transparency 0–100 (best)	41	41.0	63	Multiple (2)
1.07 Judicial independence 1–7 (best)	3.1	35.2 ↓	96	Finland
1.08 Efficiency of legal framework in challenging regulations 1–7 (best)	3.1	35.0 ↑	88	Finland
1.09 Freedom of the press 0–100 (worst)	50.7	49.3 ↓	123	Norway
Public-sector performance 0–100	-	52.3 ↑	62	Singapore
1.10 Burden of government regulation 1–7 (best)	3.3	38.8 ↓	84	Singapore
1.11 Efficiency of legal framework in settling disputes 1–7 (best)	3.3	37.9 ↑	96	Singapore
1.12 E-Participation 0–1 (best)	0.80	80.3 =	50	Multiple (3)
Transparency 0–100	-	26.0 ↓	125	Denmark
1.13 Incidence of corruption 0–100 (best)	26.0	26.0 ↓	125	Denmark
Property rights 0–100	-	35.8 ↑	126	Finland
1.14 Property rights 1–7 (best)	4.0	49.3 ↓	100	Finland
1.15 Intellectual property protection 1–7 (best)	3.2	36.6 ↓	125	Finland
1.16 Quality of land administration 0–30 (best)	6.5	21.7 ↑	130	Multiple (5)
Corporate governance 0–100	-	51.2 ↓	102	New Zealand
1.17 Strength of auditing and accounting standards 1–7 (best)	3.6	43.7 ↓	126	Finland
1.18 Conflict of interest regulation 0–10 (best)	6.7	67.0 ↑	34	Kenya
1.19 Shareholder governance 0–10 (best)	4.3	43.0 ↓	100	Kazakhstan
Future orientation of government 0–100	-	46.8	103	Luxembourg
1.20 Government ensuring policy stability 1–7 (best)	3.7	44.4	90	Switzerland
1.21 Government's responsiveness to change 1–7 (best)	3.8	46.3	67	Singapore
1.22 Legal framework's adaptability to digital business models 1–7 (best)	3.3	38.0	93	United States
1.23 Government long-term vision 1–7 (best)	4.5	59.0	33	Singapore
1.24 Energy efficiency regulation 0–100 (best)	28.9	28.9	82	Italy
1.25 Renewable energy regulation 0–100 (best)	42.3	42.3	81	Germany
1.26 Environment-related treaties in force count (out of 29)	20	69.0	95	Multiple (6)
 2nd pillar: Infrastructure 0–100	-	51.1 ↓	114	Singapore
Transport infrastructure 0–100	-	42.1 ↑	100	Singapore
2.01 Road connectivity 0–100 (best)	57.5	57.5 ↑	117	Multiple (3)
2.02 Quality of road infrastructure 1–7 (best)	3.2	37.0 ↑	108	Singapore
2.03 Railroad density km/1,000 km ²	21.8	54.4 ↑	40	Multiple (24)
2.04 Efficiency of train services 1–7 (best)	3.1	35.3 ↓	65	Japan
2.05 Airport connectivity score	48,504.1	51.4 =	63	Multiple (8)
2.06 Efficiency of air transport services 1–7 (best)	3.8	46.3 ↑	109	Singapore
2.07 Liner shipping connectivity 0–100 (best)	12.1	12.1 ↑	78	Multiple (5)
2.08 Efficiency of seaport services 1–7 (best)	3.5	42.5 ↑	92	Singapore
Utility infrastructure 0–100	-	60.2 ↓	113	Iceland
2.09 Electricity access % of population	80.0	80.0 ↑	108	Multiple (67)
2.10 Electricity supply quality % of output	10.7	93.1 ↑	68	Multiple (10)
2.11 Exposure to unsafe drinking water % of population	77.3	23.2 ↓	136	Multiple (28)
2.12 Reliability of water supply 1–7 (best)	3.7	44.6 ↓	115	Iceland

Index Component	Value	Score *	Rank/141	Best Performer
 3rd pillar: ICT adoption 0–100	-	39.1 ↓	108	Korea, Rep.
3.01 Mobile-cellular telephone subscriptions per 100 pop.	97.3	81.1 ↑	106	Multiple (63)
3.02 Mobile-broadband subscriptions per 100 pop.	37.6	N/Appl.	115	United Arab Emirates
3.03 Fixed-broadband Internet subscriptions per 100 pop.	6.3	12.7 ↑	88	Switzerland
3.04 Fibre internet subscriptions per 100 pop.	2.5	N/Appl.	49	Korea, Rep.
3.05 Internet users % of adult population	15.0	15.0 ↓	132	Qatar
 4th pillar: Macroeconomic stability 0–100	-	72.8 ↑	95	Multiple (33)
4.01 Inflation %	5.6	95.6 ↑	114	Multiple (88)
4.02 Debt dynamics 0–100 (best)	50.0	50.0 ↑	83	Multiple (34)
 5th pillar: Health 0–100	-	72.1 ↑	93	Multiple (4)
5.01 Healthy life expectancy years	63.1	72.1 ↑	92	Multiple (4)
 6th pillar: Skills 0–100	-	46.1 ↑	117	Switzerland
Current workforce 0–100	-	40.7 ↑	120	Switzerland
6.01 Mean years of schooling years	6.1	40.4 ↑	116	Germany
Skills of current workforce 0–100	-	41.0 ↑	123	Switzerland
6.02 Extent of staff training 1–7 (best)	3.3	38.7 ↑	127	Switzerland
6.03 Quality of vocational training 1–7 (best)	3.4	39.4 ↓	124	Switzerland
6.04 Skillset of graduates 1–7 (best)	3.4	39.9 ↓	123	Switzerland
6.05 Digital skills among active population 1–7 (best)	3.5	42.5 ↑	114	Finland
6.06 Ease of finding skilled employees 1–7 (best)	3.7	44.5 ↑	113	United States
Future workforce 0–100	-	51.5 ↑	114	Denmark
6.07 School life expectancy years	11.2	62.2 ↓	99	Multiple (11)
Skills of future workforce 0–100	-	40.7 ↑	111	Denmark
6.08 Critical thinking in teaching 1–7 (best)	2.9	31.5 ↓	115	Finland
6.09 Pupil-to-teacher ratio in primary education ratio	30.1	49.9 ↑	107	Multiple (5)
 7th pillar: Product market 0–100	-	47.0 ↓	119	Hong Kong SAR
Domestic competition 0–100	-	45.1 ↑	113	Hong Kong SAR
7.01 Distortive effect of taxes and subsidies on competition 1–7 (best)	3.5	42.1 ↑	91	Singapore
7.02 Extent of market dominance 1–7 (best)	3.0	33.6 ↓	122	Switzerland
7.03 Competition in services 1–7 (best)	4.6	59.6 ↑	105	Hong Kong SAR
Trade openness 0–100	-	49.0 ↓	119	Singapore
7.04 Prevalence of non-tariff barriers 1–7 (best)	4.4	56.3 ↓	75	Singapore
7.05 Trade tariffs %	12.73	15.2 ↑	130	Hong Kong SAR
7.06 Complexity of tariffs 1–7 (best)	6.5	92.0 =	34	Hong Kong SAR
7.07 Border clearance efficiency 1–5 (best)	2.3	32.5 =	116	Germany
 8th pillar: Labour market 0–100	-	51.2 ↑	121	Singapore
Flexibility 0–100	-	49.7 ↓	121	Singapore
8.01 Redundancy costs weeks of salary	31.0	43.8 =	127	Multiple (8)
8.02 Hiring and firing practices 1–7 (best)	3.8	46.9 ↓	76	Hong Kong SAR
8.03 Cooperation in labour-employer relations 1–7 (best)	4.1	52.4 ↓	99	Singapore
8.04 Flexibility of wage determination 1–7 (best)	4.8	62.8 ↓	89	Estonia
8.05 Active labour market policies 1–7 (best)	2.6	27.3 ↑	104	Switzerland
8.06 Workers' rights 0–100 (best)	61.0	61.0 ↓	109	Multiple (2)
8.07 Ease of hiring foreign labour 1–7 (best)	4.0	50.8 ↓	79	Albania
8.08 Internal labour mobility 1–7 (best)	4.2	52.8 ↓	102	United States
Meritocracy and incentivization 0–100	-	52.7 ↑	109	Denmark
8.09 Reliance on professional management 1–7 (best)	4.0	49.4 ↑	96	Finland
8.10 Pay and productivity 1–7 (best)	3.8	47.0 ↑	80	Hong Kong SAR
8.11 Ratio of wage and salaried female workers to male workers %	0.32	14.6 ↑	121	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	-	52.1 ↑	106	Hong Kong SAR
Depth 0–100	-	32.5 ↑	90	United States
9.01 Domestic credit to private sector % GDP	45.8	48.2 ↑	78	Multiple (30)
9.02 Financing of SMEs 1–7 (best)	3.7	44.2 ↓	92	Finland
9.03 Venture capital availability 1–7 (best)	2.5	25.4 ↓	112	United States
9.04 Market capitalization % GDP	33.2	33.2 ↑	58	Multiple (15)
9.05 Insurance premium volume to GDP	0.7	11.4 ↓	108	Multiple (17)
Stability 0–100	-	76.7 ↓	129	Finland
9.06 Soundness of banks 1–7 (best)	3.3	38.3 ↓	130	Finland
9.07 Non-performing loans % of gross total loans	8.9	83.0 ↓	100	Multiple (3)
9.08 Credit gap %	-0.7	100.0 =	1	Multiple (98)
9.09 Banks' regulatory capital ratio % of total risk-weighted assets	10.8	85.4 ↑	136	Multiple (74)
 10th pillar: Market size 0–100	-	67.4 ↑	36	China
10.01 Gross domestic product PPP \$ billions	677	N/Appl.	31	China
10.02 Imports of goods and services % GDP	25.0	N/Appl.	118	Hong Kong SAR
 11th pillar: Business dynamism 0–100	-	49.9 ↓	121	United States
Administrative requirements 0–100	-	56.7 ↑	118	United States
11.01 Cost of starting a business % of GNI per capita	21.2	89.4 ↑	107	Multiple (2)
11.02 Time to start a business days	19.5	80.9 =	102	New Zealand
11.03 Insolvency recovery rate cents to the dollar	29.2	31.4 ↑	92	Japan
11.04 Insolvency regulatory framework 0–16 (best)	4.0	25.0 =	129	Multiple (6)
Entrepreneurial culture 0–100	-	43.1 ↓	114	Israel
11.05 Attitudes towards entrepreneurial risk 1–7 (best)	3.8	46.3 ↓	94	Israel
11.06 Willingness to delegate authority 1–7 (best)	3.6	43.9 ↓	123	Denmark
11.07 Growth of innovative companies 1–7 (best)	3.8	45.9 ↑	95	Israel
11.08 Companies embracing disruptive ideas 1–7 (best)	3.2	36.2 ↑	120	Israel
 12th pillar: Innovation capability 0–100	-	30.7 ↑	105	Germany
Interaction and diversity 0–100	-	32.8 ↓	111	Singapore
12.01 Diversity of workforce 1–7 (best)	4.2	53.1 ↑	95	Singapore
12.02 State of cluster development 1–7 (best)	3.6	43.9 ↓	84	Italy
12.03 International co-inventions per million pop.	0.02	0.6 ↓	103	Multiple (5)
12.04 Multi-stakeholder collaboration 1–7 (best)	3.0	33.5 ↑	130	Israel
Research and development 0–100	-	23.3 ↑	82	Japan
12.05 Scientific publications score	168.0	76.0 ↑	66	Multiple (9)
12.06 Patent applications per million pop.	0.04	0.8 ↑	104	Multiple (8)
12.07 R&D expenditures % GDP	n/a	10.6 ↓	n/a	Multiple (7)
12.08 Research institutions prominence 0–100 (best)	0.02	6.0 ↑	52	Multiple (7)
Commercialization 0–100	-	41.1 ↓	113	Luxembourg
12.09 Buyer sophistication 1–7 (best)	3.3	38.5 ↓	88	Korea, Rep.
12.10 Trademark applications per million pop.	57.39	43.8 ↑	112	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/>