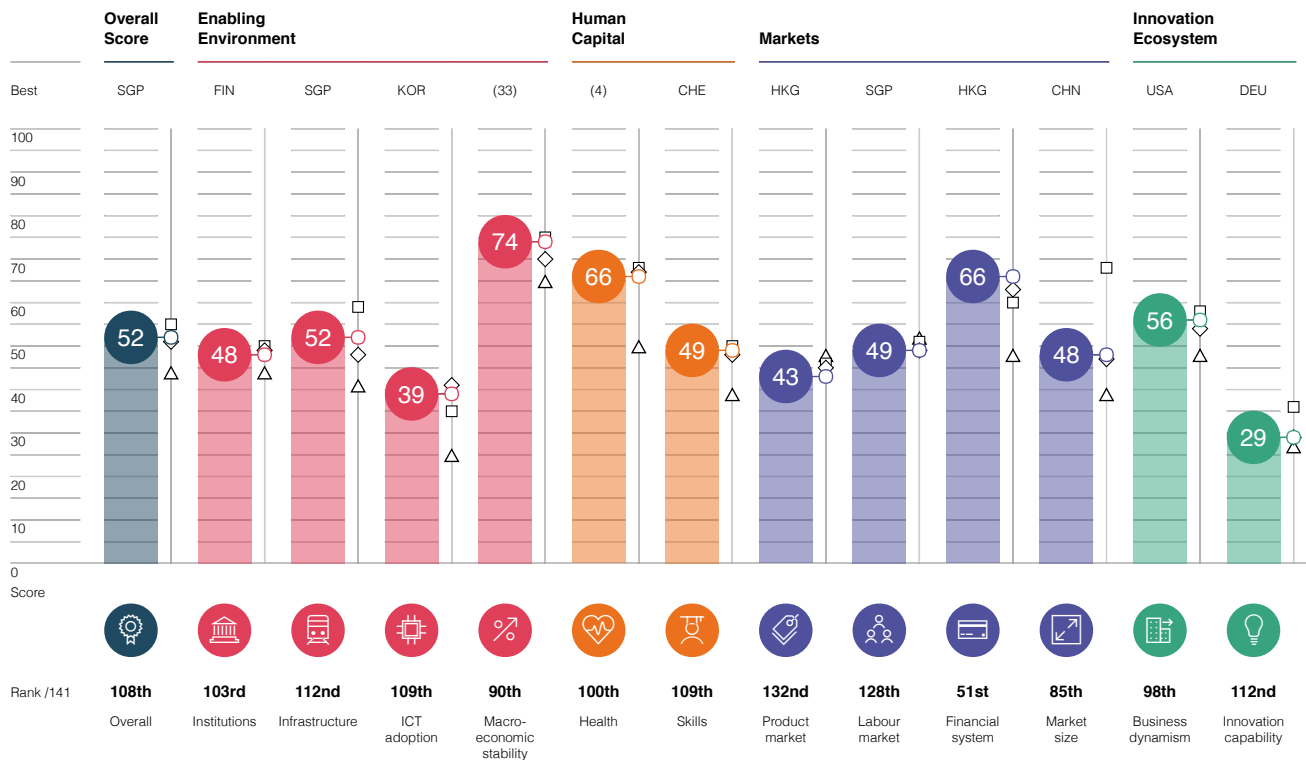


Global Competitiveness Index 4.0 2019 edition

Rank in 2018 edition: 109th/140

Performance Overview 2019

Key ◇ Previous edition △ Low-income group average □ South Asia average





Selected contextual indicators

Population millions	29.6	GDP (PPP) % world GDP	0.06
GDP per capita US\$	972.4	5-year average FDI inward flow % GDP	0.4
10-year average annual GDP growth %	4.0		

Social and environmental performance

Environmental footprint gha/capita	0.9	Global Gender Gap Index 0-1 (gender parity)	0.7
Renewable energy consumption share %	85.3	Income Gini 0 (perfect equality) -100 (perfect inequality)	32.8
Unemployment rate %	1.3		

Index Component	Value	Score *	Rank/141	Best Performer
 1st pillar: Institutions 0–100	-	47.9 ↓	103	Finland
Security 0–100	-	71.3 ↓	88	Finland
1.01 Organized crime 1–7 (best)	4.0	50.3 ↓	103	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)	89.6	89.6 =	123	Multiple (25)
1.04 Reliability of police services 1–7 (best)	4.1	51.0 ↓	87	Finland
Social capital 0–100	-	51.5 ↑	64	New Zealand
1.05 Social capital 0–100 (best)	51.5	51.5 ↑	59	New Zealand
Checks and balances 0–100	-	48.2 ↓	75	Finland
1.06 Budget transparency 0–100 (best)	52	52.0	43	Multiple (2)
1.07 Judicial independence 1–7 (best)	3.3	38.8 ↓	88	Finland
1.08 Efficiency of legal framework in challenging regulations 1–7 (best)	3.1	35.4 ↑	85	Finland
1.09 Freedom of the press 0–100 (worst)	33.4	66.6 ↓	85	Norway
Public-sector performance 0–100	-	51.0 ↑	68	Singapore
1.10 Burden of government regulation 1–7 (best)	3.1	35.5 ↓	92	Singapore
1.11 Efficiency of legal framework in settling disputes 1–7 (best)	3.4	39.4 ↑	89	Singapore
1.12 E-Participation 0–1 (best)	0.78	78.1 =	54	Multiple (3)
Transparency 0–100	-	31.0 =	107	Denmark
1.13 Incidence of corruption 0–100 (best)	31.0	31.0 =	107	Denmark
Property rights 0–100	-	36.5 ↑	125	Finland
1.14 Property rights 1–7 (best)	4.0	50.8 ↓	96	Finland
1.15 Intellectual property protection 1–7 (best)	3.4	40.4 ↑	114	Finland
1.16 Quality of land administration 0–30 (best)	5.5	18.3 =	135	Multiple (5)
Corporate governance 0–100	-	55.3 ↓	90	New Zealand
1.17 Strength of auditing and accounting standards 1–7 (best)	4.0	49.8 ↓	110	Finland
1.18 Conflict of interest regulation 0–10 (best)	5.3	53.0 =	85	Kenya
1.19 Shareholder governance 0–10 (best)	6.3	63.0 =	55	Kazakhstan
Future orientation of government 0–100	-	38.4	125	Luxembourg
1.20 Government ensuring policy stability 1–7 (best)	3.2	36.7	112	Switzerland
1.21 Government's responsiveness to change 1–7 (best)	3.1	35.4	102	Singapore
1.22 Legal framework's adaptability to digital business models 1–7 (best)	3.0	33.2	114	United States
1.23 Government long-term vision 1–7 (best)	3.2	36.2	100	Singapore
1.24 Energy efficiency regulation 0–100 (best)	26.0	26.0	92	Italy
1.25 Renewable energy regulation 0–100 (best)	39.7	39.7	85	Germany
1.26 Environment-related treaties in force count (out of 29)	17	58.6	126	Multiple (6)
 2nd pillar: Infrastructure 0–100	-	51.8 ↑	112	Singapore
Transport infrastructure 0–100	-	44.1 ↑	91	Singapore
2.01 Road connectivity 0–100 (best)	64.0	64.0 ↑	101	Multiple (3)
2.02 Quality of road infrastructure 1–7 (best)	2.9	31.9 ↑	120	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	27,598.5	43.8 =	75	Multiple (8)
2.06 Efficiency of air transport services 1–7 (best)	3.2	36.7 ↑	131	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)	2.0	16.4 ↑	135	Singapore
Utility infrastructure 0–100	-	59.5 ↓	116	Iceland
2.09 Electricity access % of population	90.7	90.7 ↑	101	Multiple (67)
2.10 Electricity supply quality % of output	22.3	80.9 ↑	119	Multiple (10)
2.11 Exposure to unsafe drinking water % of population	67.0	33.7 ↓	122	Multiple (28)
2.12 Reliability of water supply 1–7 (best)	3.0	32.6 ↑	125	Iceland

Index Component	Value	Score *	Rank/141	Best Performer
 3rd pillar: ICT adoption 0–100	-	38.6 ↓	109	Korea, Rep.
3.01 Mobile-cellular telephone subscriptions per 100 pop.	139.4	100.0 =	23	Multiple (63)
3.02 Mobile-broadband subscriptions per 100 pop.	47.5	N/Appl.	105	United Arab Emirates
3.03 Fixed-broadband Internet subscriptions per 100 pop.	2.8	5.6 ↑	102	Switzerland
3.04 Fibre internet subscriptions per 100 pop.	0.2	N/Appl.	84	Korea, Rep.
3.05 Internet users % of adult population	34.0	34.0 ↑	109	Qatar
 4th pillar: Macroeconomic stability 0–100	-	73.9 ↑	90	Multiple (33)
4.01 Inflation %	4.3	99.2 ↑	98	Multiple (88)
4.02 Debt dynamics 0–100 (best)	48.7	48.7 ↓	103	Multiple (34)
 5th pillar: Health 0–100	-	65.9 ↓	100	Multiple (4)
5.01 Healthy life expectancy years	61.1	65.9 ↓	99	Multiple (4)
 6th pillar: Skills 0–100	-	49.3 ↑	109	Switzerland
Current workforce 0–100	-	37.6 ↑	126	Switzerland
6.01 Mean years of schooling years	4.7	31.3 =	125	Germany
Skills of current workforce 0–100	-	43.9 ↑	110	Switzerland
6.02 Extent of staff training 1–7 (best)	3.5	41.7 ↑	120	Switzerland
6.03 Quality of vocational training 1–7 (best)	3.3	38.7 ↑	126	Switzerland
6.04 Skillset of graduates 1–7 (best)	3.7	45.0 ↓	97	Switzerland
6.05 Digital skills among active population 1–7 (best)	3.7	44.5 ↑	105	Finland
6.06 Ease of finding skilled employees 1–7 (best)	4.0	49.4 ↑	93	United States
Future workforce 0–100	-	61.0 ↑	95	Denmark
6.07 School life expectancy years	12.2	67.8 ↓	90	Multiple (11)
Skills of future workforce 0–100	-	54.3 ↑	83	Denmark
6.08 Critical thinking in teaching 1–7 (best)	3.2	35.9 ↑	96	Finland
6.09 Pupil-to-teacher ratio in primary education ratio	20.9	72.7 ↑	79	Multiple (5)
 7th pillar: Product market 0–100	-	43.0 ↓	132	Hong Kong SAR
Domestic competition 0–100	-	43.7 ↑	118	Hong Kong SAR
7.01 Distortive effect of taxes and subsidies on competition 1–7 (best)	3.5	41.8 ↓	94	Singapore
7.02 Extent of market dominance 1–7 (best)	3.0	32.7 ↑	124	Switzerland
7.03 Competition in services 1–7 (best)	4.4	56.7 ↑	117	Hong Kong SAR
Trade openness 0–100	-	42.3 ↓	135	Singapore
7.04 Prevalence of non-tariff barriers 1–7 (best)	3.9	48.6 ↓	122	Singapore
7.05 Trade tariffs %	16.57	0.0	140	Hong Kong SAR
7.06 Complexity of tariffs 1–7 (best)	6.3	88.2 ↑	47	Hong Kong SAR
7.07 Border clearance efficiency 1–5 (best)	2.3	32.2 =	117	Germany
 8th pillar: Labour market 0–100	-	49.1 ↑	128	Singapore
Flexibility 0–100	-	51.6 ↑	116	Singapore
8.01 Redundancy costs weeks of salary	27.2	51.7 ↓	114	Multiple (8)
8.02 Hiring and firing practices 1–7 (best)	3.4	40.3 ↑	108	Hong Kong SAR
8.03 Cooperation in labour-employer relations 1–7 (best)	3.9	49.0 ↑	116	Singapore
8.04 Flexibility of wage determination 1–7 (best)	4.4	56.0 ↑	117	Estonia
8.05 Active labour market policies 1–7 (best)	3.0	33.2 ↑	86	Switzerland
8.06 Workers' rights 0–100 (best)	77.0	77.0 ↑	49	Multiple (2)
8.07 Ease of hiring foreign labour 1–7 (best)	3.5	42.5 ↑	117	Albania
8.08 Internal labour mobility 1–7 (best)	4.8	63.6 ↓	45	United States
Meritocracy and incentivization 0–100	-	46.6 ↓	125	Denmark
8.09 Reliance on professional management 1–7 (best)	3.6	44.2 ↑	117	Finland
8.10 Pay and productivity 1–7 (best)	3.7	44.5 ↑	91	Hong Kong SAR
8.11 Ratio of wage and salaried female workers to male workers %	0.32	14.4 ↓	122	Multiple (4)
8.12 Labour tax rate %	19.9	83.5 ↓	89	Multiple (24)

Index Component	Value	Score *	Rank/141	Best Performer
 9th pillar: Financial system 0–100	-	66.4 ↑	51	Hong Kong SAR
Depth 0–100	-	51.8 ↑	44	United States
9.01 Domestic credit to private sector % GDP	75.1	79.1 ↑	42	Multiple (30)
9.02 Financing of SMEs 1–7 (best)	3.9	48.5 ↑	70	Finland
9.03 Venture capital availability 1–7 (best)	2.9	31.0 ↑	92	United States
9.04 Market capitalization % GDP	71.3	71.3 ↑	29	Multiple (15)
9.05 Insurance premium volume to GDP	1.7	28.9 ↑	66	Multiple (17)
Stability 0–100	-	84.6 ↑	92	Finland
9.06 Soundness of banks 1–7 (best)	4.2	52.6 ↓	106	Finland
9.07 Non-performing loans % of gross total loans	1.7	97.6 ↑	23	Multiple (3)
9.08 Credit gap %	3.6	95.7 ↑	118	Multiple (98)
9.09 Banks' regulatory capital ratio % of total risk-weighted assets	13.5	92.6 ↓	125	Multiple (74)
 10th pillar: Market size 0–100	-	47.7 ↑	85	China
10.01 Gross domestic product PPP \$ billions	77	N/Appl.	86	China
10.02 Imports of goods and services % GDP	54.6	N/Appl.	50	Hong Kong SAR
 11th pillar: Business dynamism 0–100	-	55.8 ↑	98	United States
Administrative requirements 0–100	-	66.8 ↓	83	United States
11.01 Cost of starting a business % of GNI per capita	22.2	88.9 ↑	109	Multiple (2)
11.02 Time to start a business days	16.5	83.9 =	90	New Zealand
11.03 Insolvency recovery rate cents to the dollar	41.2	44.3 ↓	56	Japan
11.04 Insolvency regulatory framework 0–16 (best)	8.0	50.0 =	95	Multiple (6)
Entrepreneurial culture 0–100	-	44.7 ↑	103	Israel
11.05 Attitudes towards entrepreneurial risk 1–7 (best)	3.7	44.8 ↑	108	Israel
11.06 Willingness to delegate authority 1–7 (best)	3.9	49.0 ↑	113	Denmark
11.07 Growth of innovative companies 1–7 (best)	3.8	47.1 ↑	89	Israel
11.08 Companies embracing disruptive ideas 1–7 (best)	3.3	38.0 ↑	111	Israel
 12th pillar: Innovation capability 0–100	-	29.4 ↑	112	Germany
Interaction and diversity 0–100	-	31.0 ↑	120	Singapore
12.01 Diversity of workforce 1–7 (best)	3.9	48.6 ↓	118	Singapore
12.02 State of cluster development 1–7 (best)	3.3	37.6 ↓	113	Italy
12.03 International co-inventions per million pop.	0.03	0.8 ↓	102	Multiple (5)
12.04 Multi-stakeholder collaboration 1–7 (best)	3.2	37.2 ↑	113	Israel
Research and development 0–100	-	20.6 ↑	103	Japan
12.05 Scientific publications score	117.0	70.7 ↑	88	Multiple (9)
12.06 Patent applications per million pop.	0.03	0.5 ↓	112	Multiple (8)
12.07 R&D expenditures % GDP	0.3	10.1 ↓	80	Multiple (7)
12.08 Research institutions prominence 0–100 (best)	0.00	1.1 ↑	87	Multiple (7)
Commercialization 0–100	-	43.8 ↑	108	Luxembourg
12.09 Buyer sophistication 1–7 (best)	3.2	36.5 ↑	98	Korea, Rep.
12.10 Trademark applications per million pop.	113.53	51.0 ↑	104	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/>