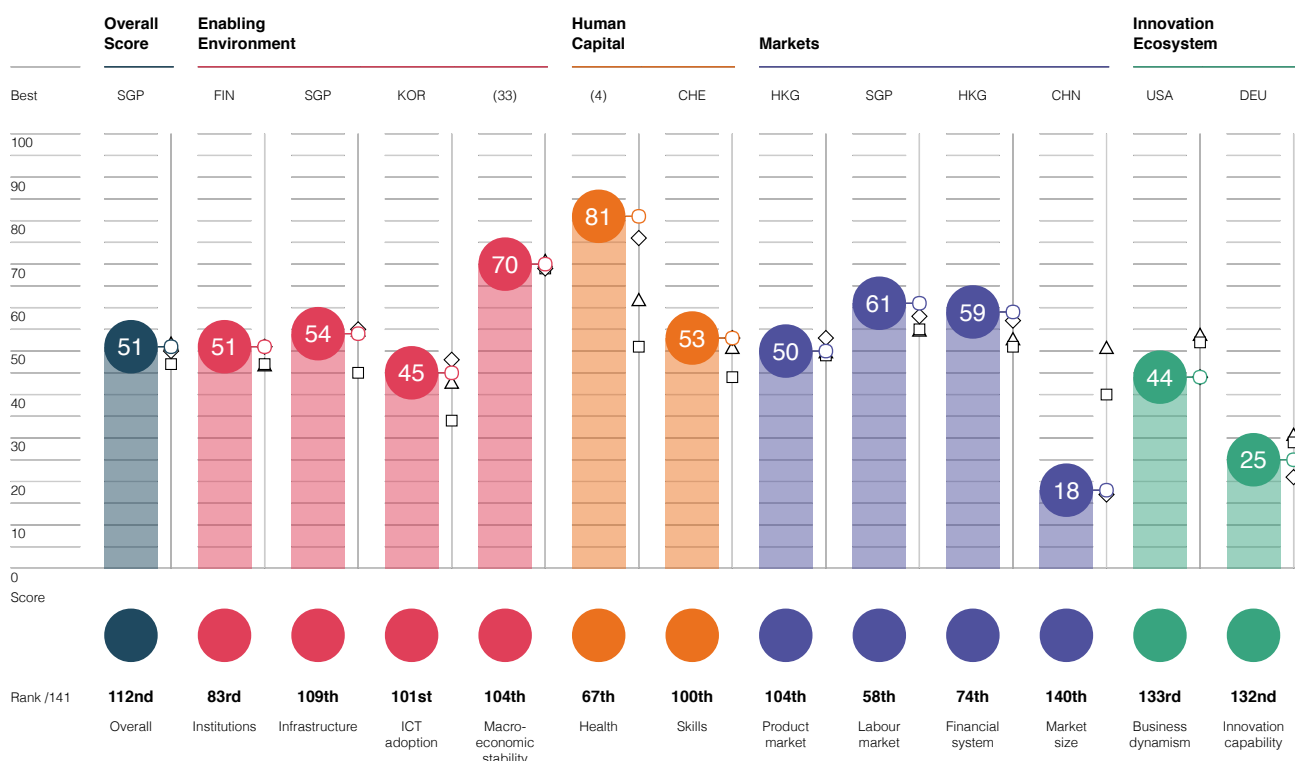


Global Competitiveness Index 4.0 2019 edition

Rank in 2018 edition: 111th/140

Performance Overview Key

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



Selected contextual indicators

Population millions	0.6	GDP (PPP) % world GDP	0.00
GDP per capita US\$	3,562.7	5-year average FDI inward flow % GDP	7.2
10-year average annual GDP growth %	2.2		

Social and environmental performance

Environmental footprint gha/capita	0.7	Global Gender Gap Index 0-1 (gender parity)	0.7
Renewable energy consumption share %	26.6	Income Gini 0 (perfect equality) -100 (perfect inequality)	47.2
Unemployment rate %	12.3		

Index Component	Value	Score *	Rank/141	Best Performer
1st pillar: Institutions 0–100	-	51.2 ↓	83	Finland
Security 0–100	-	70.7 ↑	90	Finland
1.01 Organized crime 1–7 (best)	4.9	64.7 ↑	53	Finland
1.02 Homicide rate per 100,000 pop.	11.5	62.7 ↓	123	Multiple (14)
1.03 Terrorism incidence 0 (very high) -100 (no incidence)	100.0	100.0 =	1	Multiple (25)
1.04 Reliability of police services 1–7 (best)	4.3	55.5 ↑	71	Finland
Social capital 0–100	-	53.5	51	New Zealand
1.05 Social capital 0–100 (best)	n/a	53.5	n/a	New Zealand
Checks and balances 0–100	-	52.9 ↓	49	Finland
1.06 Budget transparency 0–100 (best)	n/a	41.8	n/a	Multiple (2)
1.07 Judicial independence 1–7 (best)	4.0	49.4 ↓	66	Finland
1.08 Efficiency of legal framework in challenging regulations 1–7 (best)	3.4	40.3 ↑	69	Finland
1.09 Freedom of the press 0–100 (worst)	19.8	80.2 ↑	23	Norway
Public-sector performance 0–100	-	43.3 ↓	101	Singapore
1.10 Burden of government regulation 1–7 (best)	3.7	45.3 ↓	52	Singapore
1.11 Efficiency of legal framework in settling disputes 1–7 (best)	3.5	41.9 ↑	80	Singapore
1.12 E-Participation 0–1 (best)	0.43	42.7 =	112	Multiple (3)
Transparency 0–100	-	57.0 ↑	42	Denmark
1.13 Incidence of corruption 0–100 (best)	57.0	57.0 ↑	42	Denmark
Property rights 0–100	-	44.0 ↑	102	Finland
1.14 Property rights 1–7 (best)	4.2	52.8 ↑	83	Finland
1.15 Intellectual property protection 1–7 (best)	3.8	45.9 ↓	97	Finland
1.16 Quality of land administration 0–30 (best)	10.0	33.3 =	103	Multiple (5)
Corporate governance 0–100	-	40.6 ↑	128	New Zealand
1.17 Strength of auditing and accounting standards 1–7 (best)	3.9	48.8 ↑	113	Finland
1.18 Conflict of interest regulation 0–10 (best)	4.0	40.0 =	121	Kenya
1.19 Shareholder governance 0–10 (best)	3.3	33.0 =	127	Kazakhstan
Future orientation of government 0–100	-	47.9	100	Luxembourg
1.20 Government ensuring policy stability 1–7 (best)	4.4	56.1	52	Switzerland
1.21 Government's responsiveness to change 1–7 (best)	3.9	48.2	58	Singapore
1.22 Legal framework's adaptability to digital business models 1–7 (best)	3.2	37.5	97	United States
1.23 Government long-term vision 1–7 (best)	4.0	50.6	64	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)	20	69.0	95	Multiple (6)
2nd pillar: Infrastructure 0–100	-	53.7 ↓	109	Singapore
Transport infrastructure 0–100	-	34.2 ↑	123	Singapore
2.01 Road connectivity 0–100 (best)	N/Appl.	n/a	n/a	Multiple (3)
2.02 Quality of road infrastructure 1–7 (best)	4.0	49.6 ↑	73	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	4,882.6	25.1 =	117	Multiple (8)
2.06 Efficiency of air transport services 1–7 (best)	3.3	38.9 ↑	127	Singapore
2.07 Liner shipping connectivity 0–100 (best)	6.1	6.1 ↓	102	Multiple (5)
2.08 Efficiency of seaport services 1–7 (best)	3.2	36.1 ↑	108	Singapore
Utility infrastructure 0–100	-	73.2 ↓	98	Iceland
2.09 Electricity access % of population	96.1	96.1 ↓	92	Multiple (67)
2.10 Electricity supply quality % of output	n/a	93.3 ↓	n/a	Multiple (10)
2.11 Exposure to unsafe drinking water % of population	43.8	57.4 ↓	102	Multiple (28)
2.12 Reliability of water supply 1–7 (best)	3.8	45.9 ↑	113	Iceland

Index Component	Value	Score *	Rank/141	Best Performer
3rd pillar: ICT adoption 0–100	-	44.7 ↓	101	Korea, Rep.
3.01 Mobile-cellular telephone subscriptions per 100 pop.	112.2	93.5 ↑	82	Multiple (63)
3.02 Mobile-broadband subscriptions per 100 pop.	66.8	N/Appl.	83	United Arab Emirates
3.03 Fixed-broadband Internet subscriptions per 100 pop.	2.9	5.8 ↑	101	Switzerland
3.04 Fibre internet subscriptions per 100 pop.	0.0	N/Appl.	125	Korea, Rep.
3.05 Internet users % of adult population	58.2	58.2 ↑	87	Qatar
4th pillar: Macroeconomic stability 0–100	-	70.0 ↑	104	Multiple (33)
4.01 Inflation %	1.0	100.0 ↑	1	Multiple (88)
4.02 Debt dynamics 0–100 (best)	40.0	40.0 =	114	Multiple (34)
5th pillar: Health 0–100	-	80.8 ↑	67	Multiple (4)
5.01 Healthy life expectancy years	65.9	80.8 ↑	66	Multiple (4)
6th pillar: Skills 0–100	-	53.2 ↓	100	Switzerland
Current workforce 0–100	-	44.7 ↑	111	Switzerland
6.01 Mean years of schooling years	6.1	40.8 ↑	115	Germany
Skills of current workforce 0–100	-	48.5 ↑	93	Switzerland
6.02 Extent of staff training 1–7 (best)	3.5	41.9 ↑	118	Switzerland
6.03 Quality of vocational training 1–7 (best)	4.0	50.1 ↓	79	Switzerland
6.04 Skillset of graduates 1–7 (best)	3.8	46.3 ↓	92	Switzerland
6.05 Digital skills among active population 1–7 (best)	4.0	50.6 ↓	78	Finland
6.06 Ease of finding skilled employees 1–7 (best)	4.2	53.5 ↑	66	United States
Future workforce 0–100	-	61.7 ↓	92	Denmark
6.07 School life expectancy years	11.9	65.9 ↓	92	Multiple (11)
Skills of future workforce 0–100	-	57.5 ↓	75	Denmark
6.08 Critical thinking in teaching 1–7 (best)	3.6	42.7 ↓	61	Finland
6.09 Pupil-to-teacher ratio in primary education ratio	21.1	72.3 ↑	81	Multiple (5)
7th pillar: Product market 0–100	-	50.1 ↓	104	Hong Kong SAR
Domestic competition 0–100	-	49.4 ↑	89	Hong Kong SAR
7.01 Distortive effect of taxes and subsidies on competition 1–7 (best)	3.9	47.7 ↓	66	Singapore
7.02 Extent of market dominance 1–7 (best)	3.6	43.9 ↑	84	Switzerland
7.03 Competition in services 1–7 (best)	4.4	56.8 ↓	115	Hong Kong SAR
Trade openness 0–100	-	50.8 ↓	113	Singapore
7.04 Prevalence of non-tariff barriers 1–7 (best)	4.1	51.1 ↑	107	Singapore
7.05 Trade tariffs %	8.84	41.1 ↓	98	Hong Kong SAR
7.06 Complexity of tariffs 1–7 (best)	5.8	79.9 =	68	Hong Kong SAR
7.07 Border clearance efficiency 1–5 (best)	n/a	31.3 ↓	n/a	Germany
8th pillar: Labour market 0–100	-	61.4 ↑	58	Singapore
Flexibility 0–100	-	57.7 ↑	68	Singapore
8.01 Redundancy costs weeks of salary	17.3	72.3 ↑	78	Multiple (8)
8.02 Hiring and firing practices 1–7 (best)	3.8	46.6 ↓	78	Hong Kong SAR
8.03 Cooperation in labour-employer relations 1–7 (best)	4.1	52.1 ↓	101	Singapore
8.04 Flexibility of wage determination 1–7 (best)	5.0	66.5 ↓	68	Estonia
8.05 Active labour market policies 1–7 (best)	3.2	36.1 ↑	78	Switzerland
8.06 Workers' rights 0–100 (best)	n/a	68.9 ↓	n/a	Multiple (2)
8.07 Ease of hiring foreign labour 1–7 (best)	4.6	60.1 ↑	28	Albania
8.08 Internal labour mobility 1–7 (best)	4.5	59.0 ↑	67	United States
Meritocracy and incentivization 0–100	-	65.1 ↑	61	Denmark
8.09 Reliance on professional management 1–7 (best)	3.8	45.9 ↑	110	Finland
8.10 Pay and productivity 1–7 (best)	3.6	43.7 ↑	97	Hong Kong SAR
8.11 Ratio of wage and salaried female workers to male workers %	0.88	85.0 ↑	34	Multiple (4)
8.12 Labour tax rate %	18.1	86.0 ↓	77	Multiple (24)

Index Component	Value	Score *	Rank/141	Best Performer
9th pillar: Financial system 0–100	-	58.5 ↑	74	Hong Kong SAR
Depth 0–100	-	40.4 ↑	66	United States
9.01 Domestic credit to private sector % GDP	61.8	65.1 ↓	55	Multiple (30)
9.02 Financing of SMEs 1–7 (best)	3.6	43.0 ↑	100	Finland
9.03 Venture capital availability 1–7 (best)	3.0	33.1 ↑	85	United States
9.04 Market capitalization % GDP	40.3	40.3 ↓	48	Multiple (15)
9.05 Insurance premium volume to GDP	1.2	20.7 ↓	86	Multiple (17)
Stability 0–100	-	81.1 ↑	115	Finland
9.06 Soundness of banks 1–7 (best)	4.3	55.7 ↑	102	Finland
9.07 Non-performing loans % of gross total loans	15.2	70.4 ↑	127	Multiple (3)
9.08 Credit gap %	-5.9	100.0 =	1	Multiple (98)
9.09 Banks' regulatory capital ratio % of total risk-weighted assets	16.2	98.4 ↓	86	Multiple (74)
10th pillar: Market size 0–100	-	17.5 ↑	140	China
10.01 Gross domestic product PPP \$ billions	4	N/Appl.	140	China
10.02 Imports of goods and services % GDP	60.2	N/Appl.	37	Hong Kong SAR
11th pillar: Business dynamism 0–100	-	44.0 ↓	133	United States
Administrative requirements 0–100	-	43.8 ↓	133	United States
11.01 Cost of starting a business % of GNI per capita	14.4	92.8 ↑	95	Multiple (2)
11.02 Time to start a business days	18.0	82.4 ↓	100	New Zealand
11.03 Insolvency recovery rate cents to the dollar	0.0	0.0	133	Japan
11.04 Insolvency regulatory framework 0–16 (best)	0.0	0.0	135	Multiple (6)
Entrepreneurial culture 0–100	-	44.1 ↑	109	Israel
11.05 Attitudes towards entrepreneurial risk 1–7 (best)	3.6	43.7 ↑	112	Israel
11.06 Willingness to delegate authority 1–7 (best)	3.8	47.4 ↓	116	Denmark
11.07 Growth of innovative companies 1–7 (best)	3.6	44.0 ↑	103	Israel
11.08 Companies embracing disruptive ideas 1–7 (best)	3.5	41.2 ↑	87	Israel
12th pillar: Innovation capability 0–100	-	24.8 ↑	132	Germany
Interaction and diversity 0–100	-	37.3 ↑	84	Singapore
12.01 Diversity of workforce 1–7 (best)	4.4	56.7 ↑	72	Singapore
12.02 State of cluster development 1–7 (best)	3.5	42.3 ↑	91	Italy
12.03 International co-inventions per million pop.	0.32	8.5	63	Multiple (5)
12.04 Multi-stakeholder collaboration 1–7 (best)	3.5	41.5 ↑	93	Israel
Research and development 0–100	-	15.4 ↑	136	Japan
12.05 Scientific publications score	23.0	47.1 ↑	141	Multiple (9)
12.06 Patent applications per million pop.	0.95	12.3	68	Multiple (8)
12.07 R&D expenditures % GDP	0.1	2.4 ↑	120	Multiple (7)
12.08 Research institutions prominence 0–100 (best)	0.00	0.0	117	Multiple (7)
Commercialization 0–100	-	18.7 ↑	136	Luxembourg
12.09 Buyer sophistication 1–7 (best)	3.2	37.4 ↑	94	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/>