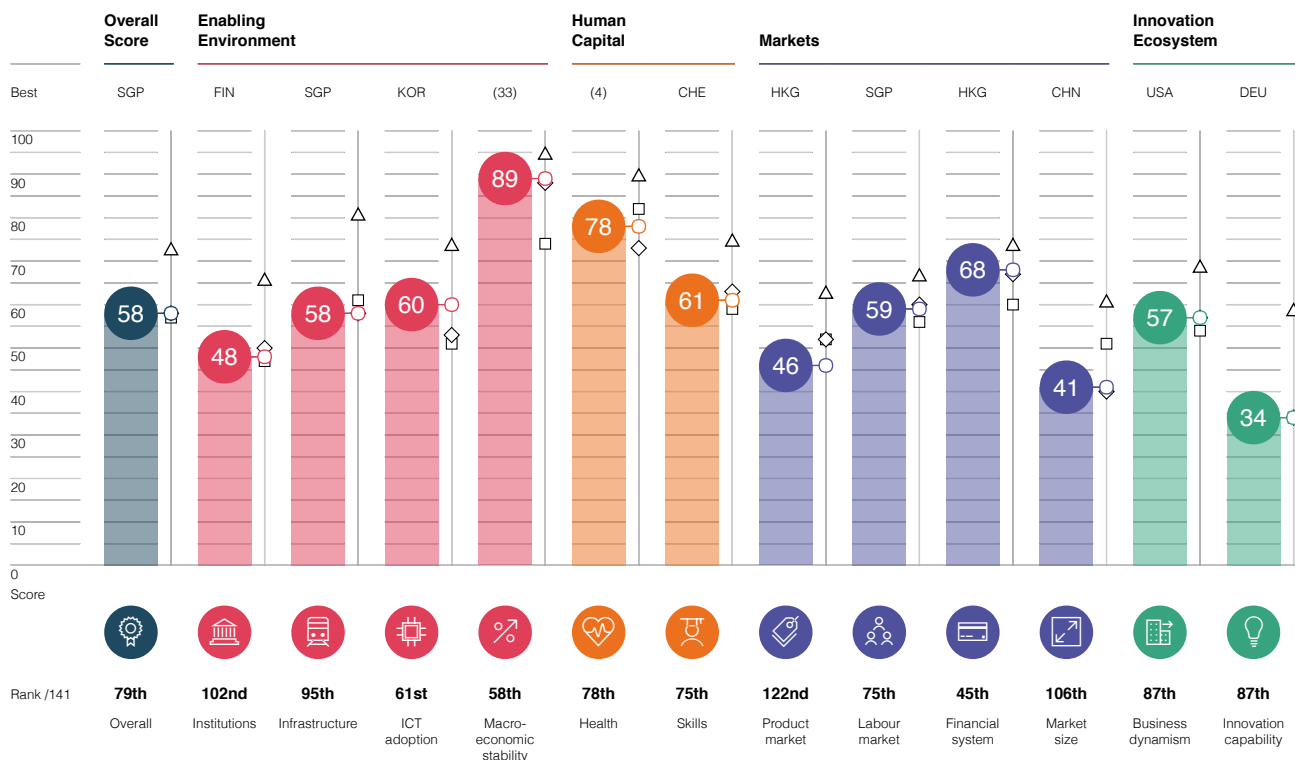


Global Competitiveness Index 4.0 2019 edition

Rank in 2018 edition: 78th/140

Performance Overview 2019

Key ◇ Previous edition ▲ High-income group average □ Latin America and the Caribbean average






Selected contextual indicators

Population millions	1.4	GDP (PPP) % world GDP	0.03
GDP per capita US\$	16,223.5	5-year average FDI inward flow % GDP	-0.2
10-year average annual GDP growth %	-0.3		

Social and environmental performance

Environmental footprint gha/capita	2.3	Unemployment rate %	2.8
Renewable energy consumption share %	0.3	Income Gini 0 (perfect equality) -100 (perfect inequality)	40.3

Index Component	Value	Score *	Rank/141	Best Performer
 1st pillar: Institutions 0–100	-	47.9 ↓	102	Finland
Security 0–100	-	43.5 ↓	130	Finland
1.01 Organized crime 1–7 (best)	3.3	37.9 ↓	127	Finland
1.02 Homicide rate per 100,000 pop.	30.9	0.0	133	Multiple (14)
1.03 Terrorism incidence 0 (very high) -100 (no incidence)	100.0	100.0 =	31	Multiple (25)
1.04 Reliability of police services 1–7 (best)	3.2	35.9 ↑	122	Finland
Social capital 0–100	-	56.2 ↓	35	New Zealand
1.05 Social capital 0–100 (best)	56.2	56.2 ↓	32	New Zealand
Checks and balances 0–100	-	47.2 ↓	83	Finland
1.06 Budget transparency 0–100 (best)	33	33.0	73	Multiple (2)
1.07 Judicial independence 1–7 (best)	4.1	51.3 ↓	58	Finland
1.08 Efficiency of legal framework in challenging regulations 1–7 (best)	2.7	29.1 ↓	108	Finland
1.09 Freedom of the press 0–100 (worst)	24.7	75.3 ↓	34	Norway
Public-sector performance 0–100	-	40.3 ↑	108	Singapore
1.10 Burden of government regulation 1–7 (best)	3.1	34.6 ↓	97	Singapore
1.11 Efficiency of legal framework in settling disputes 1–7 (best)	2.7	28.4 ↓	121	Singapore
1.12 E-Participation 0–1 (best)	0.58	57.9 =	94	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	-	45.4 ↓	98	Finland
1.14 Property rights 1–7 (best)	4.3	54.5 ↓	76	Finland
1.15 Intellectual property protection 1–7 (best)	3.7	44.9 ↓	102	Finland
1.16 Quality of land administration 0–30 (best)	11.0	36.7 ↓	96	Multiple (5)
Corporate governance 0–100	-	60.7 ↑	69	New Zealand
1.17 Strength of auditing and accounting standards 1–7 (best)	4.6	59.2 ↓	77	Finland
1.18 Conflict of interest regulation 0–10 (best)	7.0	70.0 =	27	Kenya
1.19 Shareholder governance 0–10 (best)	5.3	53.0 ↑	84	Kazakhstan
Future orientation of government 0–100	-	49.2	90	Luxembourg
1.20 Government ensuring policy stability 1–7 (best)	3.7	45.4	85	Switzerland
1.21 Government's responsiveness to change 1–7 (best)	2.5	25.2	130	Singapore
1.22 Legal framework's adaptability to digital business models 1–7 (best)	2.7	28.1	123	United States
1.23 Government long-term vision 1–7 (best)	3.1	34.6	107	Singapore
1.24 Energy efficiency regulation 0–100 (best)	n/a	58.1	n/a	Italy
1.25 Renewable energy regulation 0–100 (best)	n/a	61.2	n/a	Germany
1.26 Environment-related treaties in force count (out of 29)	22	75.9	69	Multiple (6)
 2nd pillar: Infrastructure 0–100	-	58.0 ↓	95	Singapore
Transport infrastructure 0–100	-	35.6 ↑	118	Singapore
2.01 Road connectivity 0–100 (best)	41.0	41.0 ↑	132	Multiple (3)
2.02 Quality of road infrastructure 1–7 (best)	3.7	45.3 ↓	85	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	7,558.5	29.2 =	108	Multiple (8)
2.06 Efficiency of air transport services 1–7 (best)	4.2	52.6 ↑	94	Singapore
2.07 Liner shipping connectivity 0–100 (best)	12.4	12.4 ↑	77	Multiple (5)
2.08 Efficiency of seaport services 1–7 (best)	3.0	32.9 ↑	116	Singapore
Utility infrastructure 0–100	-	80.5 ↓	83	Iceland
2.09 Electricity access % of population	99.0	99.0 ↑	82	Multiple (67)
2.10 Electricity supply quality % of output	1.9	100.0 =	3	Multiple (10)
2.11 Exposure to unsafe drinking water % of population	34.6	66.8 ↓	97	Multiple (28)
2.12 Reliability of water supply 1–7 (best)	4.4	56.1 ↓	95	Iceland

Index Component	Value	Score *	Rank/141	Best Performer
 3rd pillar: ICT adoption 0–100	-	60.4 ↑	61	Korea, Rep.
3.01 Mobile-cellular telephone subscriptions per 100 pop.	140.1	100.0 =	21	Multiple (63)
3.02 Mobile-broadband subscriptions per 100 pop.	46.2	N/Appl.	106	United Arab Emirates
3.03 Fixed-broadband Internet subscriptions per 100 pop.	24.4	48.8 ↑	45	Switzerland
3.04 Fibre internet subscriptions per 100 pop.	7.3	N/Appl.	34	Korea, Rep.
3.05 Internet users % of adult population	77.3	77.3 ↑	50	Qatar
 4th pillar: Macroeconomic stability 0–100	-	88.9 ↑	58	Multiple (33)
4.01 Inflation %	1.5	100.0 =	1	Multiple (88)
4.02 Debt dynamics 0–100 (best)	77.8	77.8 ↑	61	Multiple (34)
 5th pillar: Health 0–100	-	78.1 ↑	78	Multiple (4)
5.01 Healthy life expectancy years	65.0	78.1 ↑	77	Multiple (4)
 6th pillar: Skills 0–100	-	61.4 ↓	75	Switzerland
Current workforce 0–100	-	58.7 ↓	65	Switzerland
6.01 Mean years of schooling years	9.9	66.0 =	62	Germany
Skills of current workforce 0–100	-	51.5 ↓	70	Switzerland
6.02 Extent of staff training 1–7 (best)	4.0	49.6 ↓	71	Switzerland
6.03 Quality of vocational training 1–7 (best)	4.2	52.8 ↓	70	Switzerland
6.04 Skillset of graduates 1–7 (best)	4.1	51.7 ↓	67	Switzerland
6.05 Digital skills among active population 1–7 (best)	3.8	47.4 ↓	92	Finland
6.06 Ease of finding skilled employees 1–7 (best)	4.4	55.8 ↓	57	United States
Future workforce 0–100	-	64.1 ↓	86	Denmark
6.07 School life expectancy years	n/a	80.6 ↑	n/a	Multiple (11)
Skills of future workforce 0–100	-	47.6 ↓	98	Denmark
6.08 Critical thinking in teaching 1–7 (best)	3.0	32.7 ↓	107	Finland
6.09 Pupil-to-teacher ratio in primary education ratio	25.0	62.5 ↓	95	Multiple (5)
 7th pillar: Product market 0–100	-	46.4 ↓	122	Hong Kong SAR
Domestic competition 0–100	-	45.6 ↓	112	Hong Kong SAR
7.01 Distortive effect of taxes and subsidies on competition 1–7 (best)	3.5	41.1 ↓	97	Singapore
7.02 Extent of market dominance 1–7 (best)	3.0	33.0 ↓	123	Switzerland
7.03 Competition in services 1–7 (best)	4.8	62.7 ↓	83	Hong Kong SAR
Trade openness 0–100	-	47.2 ↓	122	Singapore
7.04 Prevalence of non-tariff barriers 1–7 (best)	4.6	59.3 ↓	54	Singapore
7.05 Trade tariffs %	11.43	23.8 ↓	125	Hong Kong SAR
7.06 Complexity of tariffs 1–7 (best)	5.2	70.0 ↓	80	Hong Kong SAR
7.07 Border clearance efficiency 1–5 (best)	2.4	35.6 =	98	Germany
 8th pillar: Labour market 0–100	-	59.0 ↓	75	Singapore
Flexibility 0–100	-	48.0 ↓	130	Singapore
8.01 Redundancy costs weeks of salary	20.5	65.6 ↑	95	Multiple (8)
8.02 Hiring and firing practices 1–7 (best)	3.2	36.2 ↓	120	Hong Kong SAR
8.03 Cooperation in labour-employer relations 1–7 (best)	3.0	33.3 ↓	141	Singapore
8.04 Flexibility of wage determination 1–7 (best)	4.6	60.5 ↑	99	Estonia
8.05 Active labour market policies 1–7 (best)	2.9	30.9 ↓	97	Switzerland
8.06 Workers' rights 0–100 (best)	65.0	65.0 ↓	91	Multiple (2)
8.07 Ease of hiring foreign labour 1–7 (best)	3.4	40.5 ↑	124	Albania
8.08 Internal labour mobility 1–7 (best)	4.1	51.6 ↓	106	United States
Meritocracy and incentivization 0–100	-	70.1 ↓	34	Denmark
8.09 Reliance on professional management 1–7 (best)	4.5	57.7 ↓	61	Finland
8.10 Pay and productivity 1–7 (best)	3.6	43.4 ↓	99	Hong Kong SAR
8.11 Ratio of wage and salaried female workers to male workers %	0.85	81.3 ↑	40	Multiple (4)
8.12 Labour tax rate %	9.4	98.1 =	28	Multiple (24)

Index Component	Value	Score *	Rank/141	Best Performer
 9th pillar: Financial system 0–100	-	67.9 ↑	45	Hong Kong SAR
Depth 0–100	-	50.3 ↑	47	United States
9.01 Domestic credit to private sector % GDP	38.4	40.4 ↑	88	Multiple (30)
9.02 Financing of SMEs 1–7 (best)	3.4	39.6 ↓	110	Finland
9.03 Venture capital availability 1–7 (best)	2.3	22.0 ↓	119	United States
9.04 Market capitalization % GDP	89.3	89.3 ↑	22	Multiple (15)
9.05 Insurance premium volume to GDP	3.6	60.3 ↑	37	Multiple (17)
Stability 0–100	-	89.9 ↑	53	Finland
9.06 Soundness of banks 1–7 (best)	5.7	78.1 ↓	36	Finland
9.07 Non-performing loans % of gross total loans	2.9	95.2 ↑	53	Multiple (3)
9.08 Credit gap %	7.2	86.3 ↑	132	Multiple (98)
9.09 Banks' regulatory capital ratio % of total risk-weighted assets	21.7	100.0 =	23	Multiple (74)
 10th pillar: Market size 0–100	-	40.5 ↑	106	China
10.01 Gross domestic product PPP \$ billions	39	N/Appl.	103	China
10.02 Imports of goods and services % GDP	46.1	N/Appl.	62	Hong Kong SAR
 11th pillar: Business dynamism 0–100	-	56.7 ↓	87	United States
Administrative requirements 0–100	-	71.6 ↑	65	United States
11.01 Cost of starting a business % of GNI per capita	0.7	99.7 ↑	16	Multiple (2)
11.02 Time to start a business days	10.5	89.9 =	63	New Zealand
11.03 Insolvency recovery rate cents to the dollar	26.2	28.2 =	105	Japan
11.04 Insolvency regulatory framework 0–16 (best)	11.0	68.8 =	49	Multiple (6)
Entrepreneurial culture 0–100	-	41.7 ↓	119	Israel
11.05 Attitudes towards entrepreneurial risk 1–7 (best)	3.4	39.5 ↓	123	Israel
11.06 Willingness to delegate authority 1–7 (best)	4.5	58.8 ↑	54	Denmark
11.07 Growth of innovative companies 1–7 (best)	3.2	37.3 ↓	134	Israel
11.08 Companies embracing disruptive ideas 1–7 (best)	2.9	31.2 ↑	134	Israel
 12th pillar: Innovation capability 0–100	-	34.4 ↑	87	Germany
Interaction and diversity 0–100	-	39.3 ↑	77	Singapore
12.01 Diversity of workforce 1–7 (best)	5.1	67.6 ↑	30	Singapore
12.02 State of cluster development 1–7 (best)	3.5	42.3 ↓	90	Italy
12.03 International co-inventions per million pop.	0.46	11.6 ↑	56	Multiple (5)
12.04 Multi-stakeholder collaboration 1–7 (best)	3.1	35.6 ↑	121	Israel
Research and development 0–100	-	20.6 ↑	104	Japan
12.05 Scientific publications score	88.3	66.5 ↑	106	Multiple (9)
12.06 Patent applications per million pop.	0.95	12.3 ↓	69	Multiple (8)
12.07 R&D expenditures % GDP	0.1	3.1 ↑	114	Multiple (7)
12.08 Research institutions prominence 0–100 (best)	0.00	0.4	110	Multiple (7)
Commercialization 0–100	-	52.1 ↓	82	Luxembourg
12.09 Buyer sophistication 1–7 (best)	3.5	41.5 ↓	77	Korea, Rep.
12.10 Trademark applications per million pop.	339.52	62.7 ↓	84	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/>