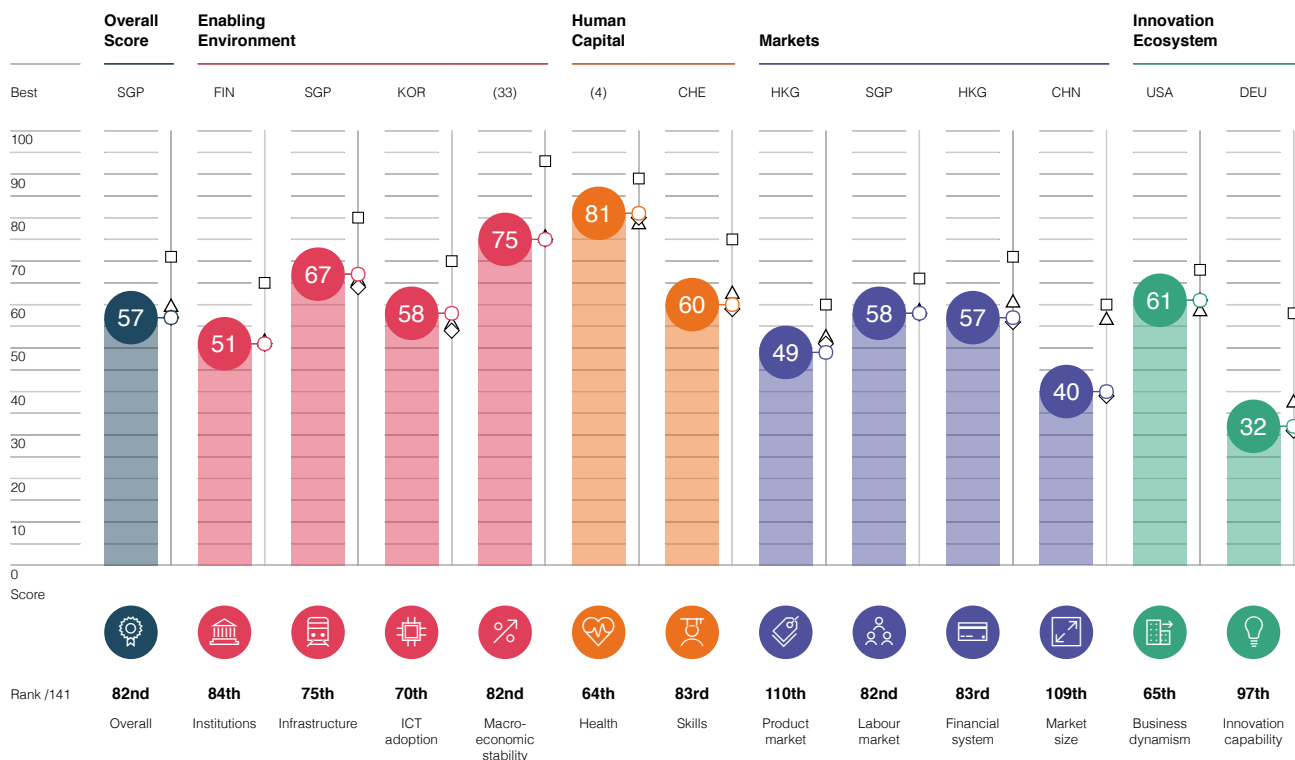


Global Competitiveness Index 4.0 2019 edition

Rank in 2018 edition: 84th/140

Performance Overview 2019

Key ◇ Previous edition △ Upper-middle-income group average □ Europe and North America average





Selected contextual indicators

Population millions	2.1	GDP (PPP) % world GDP	0.02
GDP per capita US\$	6,100.2	5-year average FDI inward flow % GDP	3.2
10-year average annual GDP growth %	2.1		

Social and environmental performance

Renewable energy consumption share %	24.2	Global Gender Gap Index 0-1 (gender parity)	0.7
Unemployment rate %	21.6	Income Gini 0 (perfect equality) -100 (perfect inequality)	35.6

Index Component	Value	Score *	Rank/141	Best Performer
 1st pillar: Institutions 0–100	-	50.7 ↑	84	Finland
Security 0–100	-	69.2 ↑	97	Finland
1.01 Organized crime 1–7 (best)	3.5	41.1 ↑	122	Finland
1.02 Homicide rate per 100,000 pop.	1.5	96.6 ↑	51	Multiple (14)
1.03 Terrorism incidence 0 (very high) -100 (no incidence)	99.9	99.9 =	60	Multiple (25)
1.04 Reliability of police services 1–7 (best)	3.3	39.1 ↓	115	Finland
Social capital 0–100	-	44.8 ↓	120	New Zealand
1.05 Social capital 0–100 (best)	44.8	44.8 ↓	111	New Zealand
Checks and balances 0–100	-	38.0 ↓	116	Finland
1.06 Budget transparency 0–100 (best)	37	37.0	69	Multiple (2)
1.07 Judicial independence 1–7 (best)	2.4	23.0 ↑	127	Finland
1.08 Efficiency of legal framework in challenging regulations 1–7 (best)	2.4	23.5 ↑	128	Finland
1.09 Freedom of the press 0–100 (worst)	31.7	68.3 ↑	75	Norway
Public-sector performance 0–100	-	42.9 ↑	102	Singapore
1.10 Burden of government regulation 1–7 (best)	3.0	33.1 ↑	105	Singapore
1.11 Efficiency of legal framework in settling disputes 1–7 (best)	2.5	25.5 ↑	129	Singapore
1.12 E-Participation 0–1 (best)	0.70	70.2 =	68	Multiple (3)
Transparency 0–100	-	37.0 ↑	81	Denmark
1.13 Incidence of corruption 0–100 (best)	37.0	37.0 ↑	81	Denmark
Property rights 0–100	-	54.7 ↑	66	Finland
1.14 Property rights 1–7 (best)	3.6	43.1 ↑	119	Finland
1.15 Intellectual property protection 1–7 (best)	3.3	37.6 ↑	121	Finland
1.16 Quality of land administration 0–30 (best)	25.0	83.3 =	20	Multiple (5)
Corporate governance 0–100	-	69.6 ↑	32	New Zealand
1.17 Strength of auditing and accounting standards 1–7 (best)	3.9	48.7 ↑	114	Finland
1.18 Conflict of interest regulation 0–10 (best)	8.0	80.0 =	12	Kenya
1.19 Shareholder governance 0–10 (best)	8.0	80.0 =	7	Kazakhstan
Future orientation of government 0–100	-	49.4	88	Luxembourg
1.20 Government ensuring policy stability 1–7 (best)	3.0	32.9	117	Switzerland
1.21 Government's responsiveness to change 1–7 (best)	2.9	31.8	116	Singapore
1.22 Legal framework's adaptability to digital business models 1–7 (best)	3.0	33.3	113	United States
1.23 Government long-term vision 1–7 (best)	2.8	30.7	119	Singapore
1.24 Energy efficiency regulation 0–100 (best)	n/a	71.4	n/a	Italy
1.25 Renewable energy regulation 0–100 (best)	n/a	69.6	n/a	Germany
1.26 Environment-related treaties in force count (out of 29)	17	58.6	126	Multiple (6)
 2nd pillar: Infrastructure 0–100	-	66.9 ↑	75	Singapore
Transport infrastructure 0–100	-	45.7 ↑	84	Singapore
2.01 Road connectivity 0–100 (best)	67.0	67.0 ↑	91	Multiple (3)
2.02 Quality of road infrastructure 1–7 (best)	3.4	39.5 ↑	105	Singapore
2.03 Railroad density km/1,000 km ²	27.1	67.7 ↑	33	Multiple (24)
2.04 Efficiency of train services 1–7 (best)	2.1	18.6 ↑	91	Japan
2.05 Airport connectivity score	5,203.2	25.7 =	116	Multiple (8)
2.06 Efficiency of air transport services 1–7 (best)	4.3	55.7 ↑	87	Singapore
2.07 Liner shipping connectivity 0–100 (best)	0.6	0.6	110	Multiple (5)
2.08 Efficiency of seaport services 1–7 (best)	2.4	22.7 ↑	125	Singapore
Utility infrastructure 0–100	-	88.0 ↑	59	Iceland
2.09 Electricity access % of population	100.0	100.0 =	2	Multiple (67)
2.10 Electricity supply quality % of output	13.1	90.5 ↓	90	Multiple (10)
2.11 Exposure to unsafe drinking water % of population	5.9	96.0 ↑	45	Multiple (28)
2.12 Reliability of water supply 1–7 (best)	4.9	65.6 ↑	65	Iceland

Index Component	Value	Score *	Rank/141	Best Performer
 3rd pillar: ICT adoption 0–100	-	57.6 ↑	70	Korea, Rep.
3.01 Mobile-cellular telephone subscriptions per 100 pop.	98.5	82.0 ↓	102	Multiple (63)
3.02 Mobile-broadband subscriptions per 100 pop.	67.4	N/Appl.	82	United Arab Emirates
3.03 Fixed-broadband Internet subscriptions per 100 pop.	19.9	39.9 ↑	52	Switzerland
3.04 Fibre internet subscriptions per 100 pop.	1.9	N/Appl.	57	Korea, Rep.
3.05 Internet users % of adult population	79.2	79.2 ↑	46	Qatar
 4th pillar: Macroeconomic stability 0–100	-	74.8 ↑	82	Multiple (33)
4.01 Inflation %	1.4	100.0 =	1	Multiple (88)
4.02 Debt dynamics 0–100 (best)	49.5	49.5 ↑	97	Multiple (34)
 5th pillar: Health 0–100	-	81.3 ↑	64	Multiple (4)
5.01 Healthy life expectancy years	66.0	81.3 ↑	63	Multiple (4)
 6th pillar: Skills 0–100	-	59.8 ↑	83	Switzerland
Current workforce 0–100	-	52.5 ↑	86	Switzerland
6.01 Mean years of schooling years	9.8	65.3 =	64	Germany
Skills of current workforce 0–100	-	39.6 ↑	129	Switzerland
6.02 Extent of staff training 1–7 (best)	3.2	36.7 ↑	131	Switzerland
6.03 Quality of vocational training 1–7 (best)	3.2	36.1 ↑	131	Switzerland
6.04 Skillset of graduates 1–7 (best)	3.4	39.8 ↓	124	Switzerland
6.05 Digital skills among active population 1–7 (best)	3.7	44.5 ↑	106	Finland
6.06 Ease of finding skilled employees 1–7 (best)	3.5	41.0 ↑	125	United States
Future workforce 0–100	-	67.2 ↑	79	Denmark
6.07 School life expectancy years	13.3	74.0 =	81	Multiple (11)
Skills of future workforce 0–100	-	60.4 ↑	65	Denmark
6.08 Critical thinking in teaching 1–7 (best)	2.9	31.7 ↑	111	Finland
6.09 Pupil-to-teacher ratio in primary education ratio	14.4	89.0 ↑	44	Multiple (5)
 7th pillar: Product market 0–100	-	48.6 ↓	110	Hong Kong SAR
Domestic competition 0–100	-	41.2 ↓	126	Hong Kong SAR
7.01 Distortive effect of taxes and subsidies on competition 1–7 (best)	3.2	37.0 ↓	112	Singapore
7.02 Extent of market dominance 1–7 (best)	3.0	32.6 ↓	125	Switzerland
7.03 Competition in services 1–7 (best)	4.2	54.1 ↓	124	Hong Kong SAR
Trade openness 0–100	-	56.0 ↓	81	Singapore
7.04 Prevalence of non-tariff barriers 1–7 (best)	4.0	49.5 ↓	118	Singapore
7.05 Trade tariffs %	4.90	67.3 ↑	64	Hong Kong SAR
7.06 Complexity of tariffs 1–7 (best)	5.2	70.7 ↑	78	Hong Kong SAR
7.07 Border clearance efficiency 1–5 (best)	2.5	36.3 =	93	Germany
 8th pillar: Labour market 0–100	-	58.3 ↑	82	Singapore
Flexibility 0–100	-	54.8 ↑	92	Singapore
8.01 Redundancy costs weeks of salary	13.0	81.3 =	44	Multiple (8)
8.02 Hiring and firing practices 1–7 (best)	3.6	43.3 ↓	95	Hong Kong SAR
8.03 Cooperation in labour-employer relations 1–7 (best)	3.8	46.4 ↑	124	Singapore
8.04 Flexibility of wage determination 1–7 (best)	4.4	57.4 ↑	112	Estonia
8.05 Active labour market policies 1–7 (best)	3.3	38.1 ↑	73	Switzerland
8.06 Workers' rights 0–100 (best)	73.0	73.0 ↓	57	Multiple (2)
8.07 Ease of hiring foreign labour 1–7 (best)	3.6	43.9 ↓	111	Albania
8.08 Internal labour mobility 1–7 (best)	4.3	54.7 ↑	93	United States
Meritocracy and incentivization 0–100	-	61.9 ↓	73	Denmark
8.09 Reliance on professional management 1–7 (best)	3.3	38.8 ↓	129	Finland
8.10 Pay and productivity 1–7 (best)	3.6	44.1 ↑	93	Hong Kong SAR
8.11 Ratio of wage and salaried female workers to male workers %	0.72	64.8 ↓	70	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	-	57.3 ↑	83	Hong Kong SAR
Depth 0–100	-	33.7 ↑	86	United States
9.01 Domestic credit to private sector % GDP	50.3	53.0 ↑	71	Multiple (30)
9.02 Financing of SMEs 1–7 (best)	3.3	39.0 ↑	115	Finland
9.03 Venture capital availability 1–7 (best)	2.7	27.9 ↑	100	United States
9.04 Market capitalization % GDP	26.5	26.5 ↑	67	Multiple (15)
9.05 Insurance premium volume to GDP	1.3	22.3 ↓	82	Multiple (17)
Stability 0–100	-	86.8 ↑	77	Finland
9.06 Soundness of banks 1–7 (best)	4.7	61.7 ↑	87	Finland
9.07 Non-performing loans % of gross total loans	6.1	88.7 ↑	81	Multiple (3)
9.08 Credit gap %	-6.0	100.0 =	1	Multiple (98)
9.09 Banks' regulatory capital ratio % of total risk-weighted assets	15.5	96.9 ↓	94	Multiple (74)
 10th pillar: Market size 0–100	-	39.7 ↑	109	China
10.01 Gross domestic product PPP \$ billions	29	N/Appl.	117	China
10.02 Imports of goods and services % GDP	82.5	N/Appl.	16	Hong Kong SAR
 11th pillar: Business dynamism 0–100	-	61.2 ↑	65	United States
Administrative requirements 0–100	-	82.9 ↓	31	United States
11.01 Cost of starting a business % of GNI per capita	0.9	99.6 ↓	21	Multiple (2)
11.02 Time to start a business days	14.0	86.4 ↓	82	New Zealand
11.03 Insolvency recovery rate cents to the dollar	48.0	51.7 ↑	44	Japan
11.04 Insolvency regulatory framework 0–16 (best)	15.0	93.8 =	1	Multiple (6)
Entrepreneurial culture 0–100	-	39.5 ↑	129	Israel
11.05 Attitudes towards entrepreneurial risk 1–7 (best)	3.1	34.8 ↑	134	Israel
11.06 Willingness to delegate authority 1–7 (best)	3.9	47.9 ↑	115	Denmark
11.07 Growth of innovative companies 1–7 (best)	3.5	41.7 ↓	117	Israel
11.08 Companies embracing disruptive ideas 1–7 (best)	3.0	33.6 ↑	129	Israel
 12th pillar: Innovation capability 0–100	-	31.8 ↑	97	Germany
Interaction and diversity 0–100	-	30.7 ↑	125	Singapore
12.01 Diversity of workforce 1–7 (best)	4.0	50.2 ↑	110	Singapore
12.02 State of cluster development 1–7 (best)	3.3	38.6 ↑	107	Italy
12.03 International co-inventions per million pop.	0.00	0.0	126	Multiple (5)
12.04 Multi-stakeholder collaboration 1–7 (best)	3.1	34.2 ↑	126	Israel
Research and development 0–100	-	21.5 ↓	93	Japan
12.05 Scientific publications score	98.7	68.2 ↑	97	Multiple (9)
12.06 Patent applications per million pop.	0.32	5.1 ↓	81	Multiple (8)
12.07 R&D expenditures % GDP	0.4	11.8 ↓	75	Multiple (7)
12.08 Research institutions prominence 0–100 (best)	0.00	0.8 ↑	89	Multiple (7)
Commercialization 0–100	-	54.4 ↑	73	Luxembourg
12.09 Buyer sophistication 1–7 (best)	2.9	31.7 ↑	116	Korea, Rep.
12.10 Trademark applications per million pop.	n/a	77.1 ↑	n/a	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/>