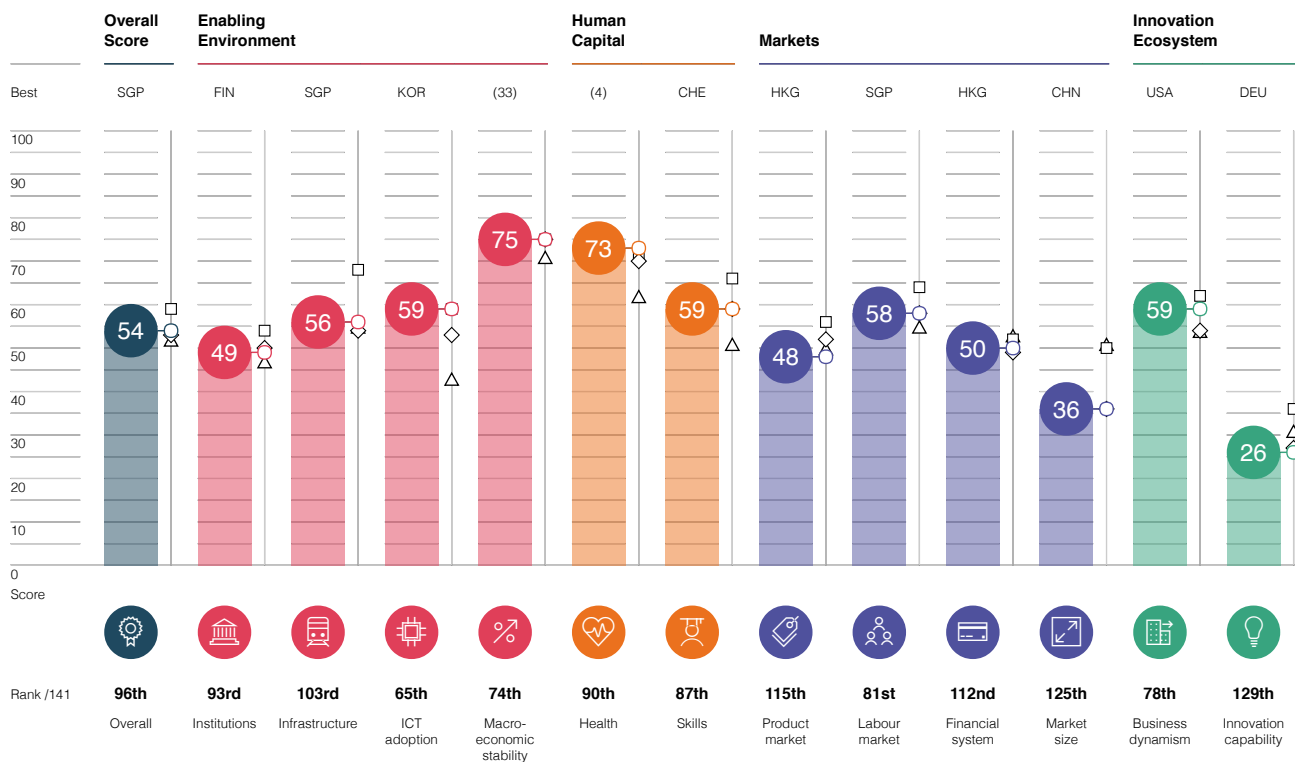


Global Competitiveness Index 4.0 2019 edition

Rank in 2018 edition: 97th/140

Performance Overview 2019

Key ◇ Previous edition △ Lower-middle-income group average □ Eurasia average





Selected contextual indicators

Population millions	6.4	GDP (PPP) % world GDP	0.02
GDP per capita US\$	1,268.0	5-year average FDI inward flow % GDP	5.7
10-year average annual GDP growth %	3.6		

Social and environmental performance

Renewable energy consumption share %	23.3	Global Gender Gap Index 0-1 (gender parity)	0.7
Unemployment rate %	7.2	Income Gini 0 (perfect equality) -100 (perfect inequality)	27.3

Index Component	Value	Score *	Rank/141	Best Performer
 1st pillar: Institutions 0–100	-	49.0 ↓	93	Finland
Security 0–100	-	67.5 ↓	103	Finland
1.01 Organized crime 1–7 (best)	3.7	45.2 ↓	115	Finland
1.02 Homicide rate per 100,000 pop.	4.2	87.5 ↑	86	Multiple (14)
1.03 Terrorism incidence 0 (very high) -100 (no incidence)	99.8	99.8 =	77	Multiple (25)
1.04 Reliability of police services 1–7 (best)	3.3	37.5 ↓	119	Finland
Social capital 0–100	-	51.5 ↑	63	New Zealand
1.05 Social capital 0–100 (best)	51.5	51.5 ↑	58	New Zealand
Checks and balances 0–100	-	47.4 ↓	81	Finland
1.06 Budget transparency 0–100 (best)	55	55.0	38	Multiple (2)
1.07 Judicial independence 1–7 (best)	3.0	32.8 ↓	106	Finland
1.08 Efficiency of legal framework in challenging regulations 1–7 (best)	2.9	31.6 ↓	99	Finland
1.09 Freedom of the press 0–100 (worst)	29.9	70.1 ↑	67	Norway
Public-sector performance 0–100	-	47.2 ↑	89	Singapore
1.10 Burden of government regulation 1–7 (best)	3.3	39.2 ↑	82	Singapore
1.11 Efficiency of legal framework in settling disputes 1–7 (best)	3.0	33.8 ↓	105	Singapore
1.12 E-Participation 0–1 (best)	0.69	68.5 =	72	Multiple (3)
Transparency 0–100	-	29.0 =	111	Denmark
1.13 Incidence of corruption 0–100 (best)	29.0	29.0 =	111	Denmark
Property rights 0–100	-	54.2 ↓	68	Finland
1.14 Property rights 1–7 (best)	3.5	42.3 ↓	122	Finland
1.15 Intellectual property protection 1–7 (best)	3.4	40.2 ↓	116	Finland
1.16 Quality of land administration 0–30 (best)	24.0	80.0 =	25	Multiple (5)
Corporate governance 0–100	-	58.3 ↑	78	New Zealand
1.17 Strength of auditing and accounting standards 1–7 (best)	3.5	41.0 ↓	130	Finland
1.18 Conflict of interest regulation 0–10 (best)	6.7	67.0 =	34	Kenya
1.19 Shareholder governance 0–10 (best)	6.7	67.0 ↑	37	Kazakhstan
Future orientation of government 0–100	-	37.1	129	Luxembourg
1.20 Government ensuring policy stability 1–7 (best)	3.2	37.2	111	Switzerland
1.21 Government's responsiveness to change 1–7 (best)	3.1	34.6	105	Singapore
1.22 Legal framework's adaptability to digital business models 1–7 (best)	3.0	33.8	110	United States
1.23 Government long-term vision 1–7 (best)	3.0	32.9	112	Singapore
1.24 Energy efficiency regulation 0–100 (best)	31.6	31.6	77	Italy
1.25 Renewable energy regulation 0–100 (best)	32.1	32.1	93	Germany
1.26 Environment-related treaties in force count (out of 29)	16	55.2	132	Multiple (6)
 2nd pillar: Infrastructure 0–100	-	55.8 ↑	103	Singapore
Transport infrastructure 0–100	-	32.1 ↑	129	Singapore
2.01 Road connectivity 0–100 (best)	59.6	59.6 ↑	110	Multiple (3)
2.02 Quality of road infrastructure 1–7 (best)	3.1	34.2 ↑	113	Singapore
2.03 Railroad density km/1,000 km ²	2.2	5.5 ↑	86	Multiple (24)
2.04 Efficiency of train services 1–7 (best)	2.8	30.1 ↑	77	Japan
2.05 Airport connectivity score	8,251.2	30.0 =	104	Multiple (8)
2.06 Efficiency of air transport services 1–7 (best)	3.0	33.4 ↓	133	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)	1.5	8.2 ↑	138	Singapore
Utility infrastructure 0–100	-	79.5 ↓	88	Iceland
2.09 Electricity access % of population	100.0	100.0 =	68	Multiple (67)
2.10 Electricity supply quality % of output	19.8	83.5 ↓	115	Multiple (10)
2.11 Exposure to unsafe drinking water % of population	15.7	86.0 ↓	70	Multiple (28)
2.12 Reliability of water supply 1–7 (best)	3.9	48.5 ↓	110	Iceland

Index Component	Value	Score *	Rank/141	Best Performer
 3rd pillar: ICT adoption 0–100	-	58.8 ↑	65	Korea, Rep.
3.01 Mobile-cellular telephone subscriptions per 100 pop.	122.6	100.0 =	59	Multiple (63)
3.02 Mobile-broadband subscriptions per 100 pop.	94.0	N/Appl.	38	United Arab Emirates
3.03 Fixed-broadband Internet subscriptions per 100 pop.	3.8	7.6 ↓	95	Switzerland
3.04 Fibre internet subscriptions per 100 pop.	2.1	N/Appl.	54	Korea, Rep.
3.05 Internet users % of adult population	38.0	38.0 ↑	106	Qatar
 4th pillar: Macroeconomic stability 0–100	-	75.0 ↓	74	Multiple (33)
4.01 Inflation %	2.4	100.0 =	1	Multiple (88)
4.02 Debt dynamics 0–100 (best)	50.0	50.0 ↓	84	Multiple (34)
 5th pillar: Health 0–100	-	73.3 ↑	90	Multiple (4)
5.01 Healthy life expectancy years	63.4	73.3 ↑	89	Multiple (4)
 6th pillar: Skills 0–100	-	58.6 ↓	87	Switzerland
Current workforce 0–100	-	56.0 ↓	75	Switzerland
6.01 Mean years of schooling years	10.6	70.7 =	49	Germany
Skills of current workforce 0–100	-	41.3 ↓	120	Switzerland
6.02 Extent of staff training 1–7 (best)	3.4	40.3 ↑	126	Switzerland
6.03 Quality of vocational training 1–7 (best)	3.3	38.8 ↓	125	Switzerland
6.04 Skillset of graduates 1–7 (best)	3.2	36.8 ↓	130	Switzerland
6.05 Digital skills among active population 1–7 (best)	3.9	47.6 ↓	91	Finland
6.06 Ease of finding skilled employees 1–7 (best)	3.6	43.1 ↑	119	United States
Future workforce 0–100	-	61.2 ↓	94	Denmark
6.07 School life expectancy years	13.4	74.2 ↓	79	Multiple (11)
Skills of future workforce 0–100	-	48.1 ↓	96	Denmark
6.08 Critical thinking in teaching 1–7 (best)	3.0	33.5 ↓	102	Finland
6.09 Pupil-to-teacher ratio in primary education ratio	24.9	62.7 ↑	94	Multiple (5)
 7th pillar: Product market 0–100	-	48.0 ↓	115	Hong Kong SAR
Domestic competition 0–100	-	44.2 ↓	117	Hong Kong SAR
7.01 Distortive effect of taxes and subsidies on competition 1–7 (best)	3.5	40.9 ↑	98	Singapore
7.02 Extent of market dominance 1–7 (best)	3.4	40.0 ↓	99	Switzerland
7.03 Competition in services 1–7 (best)	4.1	51.8 ↓	131	Hong Kong SAR
Trade openness 0–100	-	51.8 ↓	109	Singapore
7.04 Prevalence of non-tariff barriers 1–7 (best)	4.1	51.0 ↓	108	Singapore
7.05 Trade tariffs %	4.52	69.8 ↑	60	Hong Kong SAR
7.06 Complexity of tariffs 1–7 (best)	3.6	42.8 ↓	111	Hong Kong SAR
7.07 Border clearance efficiency 1–5 (best)	2.8	43.8 =	56	Germany
 8th pillar: Labour market 0–100	-	58.4 ↑	81	Singapore
Flexibility 0–100	-	56.0 ↑	84	Singapore
8.01 Redundancy costs weeks of salary	17.3	72.3 ↑	78	Multiple (8)
8.02 Hiring and firing practices 1–7 (best)	3.6	43.4 ↓	94	Hong Kong SAR
8.03 Cooperation in labour-employer relations 1–7 (best)	4.0	50.3 ↓	111	Singapore
8.04 Flexibility of wage determination 1–7 (best)	5.4	73.9 ↑	31	Estonia
8.05 Active labour market policies 1–7 (best)	2.6	27.2 ↓	106	Switzerland
8.06 Workers' rights 0–100 (best)	n/a	73.5 ↑	n/a	Multiple (2)
8.07 Ease of hiring foreign labour 1–7 (best)	3.9	47.9 ↓	92	Albania
8.08 Internal labour mobility 1–7 (best)	4.6	59.4 ↑	65	United States
Meritocracy and incentivization 0–100	-	60.7 ↑	78	Denmark
8.09 Reliance on professional management 1–7 (best)	3.3	39.0 ↑	128	Finland
8.10 Pay and productivity 1–7 (best)	4.1	52.1 ↓	60	Hong Kong SAR
8.11 Ratio of wage and salaried female workers to male workers %	0.74	67.9 ↑	65	Multiple (4)
8.12 Labour tax rate %	19.5	84.0 =	88	Multiple (24)

Index Component	Value	Score *	Rank/141	Best Performer
 9th pillar: Financial system 0–100	-	50.0 ↑	112	Hong Kong SAR
Depth 0–100	-	23.2 ↑	118	United States
9.01 Domestic credit to private sector % GDP	21.7	22.9 ↑	114	Multiple (30)
9.02 Financing of SMEs 1–7 (best)	3.5	41.0 ↓	105	Finland
9.03 Venture capital availability 1–7 (best)	2.7	27.8 ↑	102	United States
9.04 Market capitalization % GDP	3.4	3.4 ↓	114	Multiple (15)
9.05 Insurance premium volume to GDP	n/a	20.6 ↑	n/a	Multiple (17)
Stability 0–100	-	83.6 ↓	99	Finland
9.06 Soundness of banks 1–7 (best)	3.9	48.4 ↓	116	Finland
9.07 Non-performing loans % of gross total loans	7.4	86.1 ↑	90	Multiple (3)
9.08 Credit gap %	-0.1	100.0 =	1	Multiple (98)
9.09 Banks' regulatory capital ratio % of total risk-weighted assets	23.8	100.0 =	14	Multiple (74)
 10th pillar: Market size 0–100	-	36.3 ↑	125	China
10.01 Gross domestic product PPP \$ billions	22	N/Appl.	128	China
10.02 Imports of goods and services % GDP	72.4	N/Appl.	22	Hong Kong SAR
 11th pillar: Business dynamism 0–100	-	58.6 ↑	78	United States
Administrative requirements 0–100	-	71.2 ↑	67	United States
11.01 Cost of starting a business % of GNI per capita	1.9	99.1 ↑	41	Multiple (2)
11.02 Time to start a business days	10.0	90.5 =	59	New Zealand
11.03 Insolvency recovery rate cents to the dollar	36.2	39.0 ↑	74	Japan
11.04 Insolvency regulatory framework 0–16 (best)	9.0	56.3 ↑	75	Multiple (6)
Entrepreneurial culture 0–100	-	46.0 ↑	95	Israel
11.05 Attitudes towards entrepreneurial risk 1–7 (best)	4.6	59.8 ↓	23	Israel
11.06 Willingness to delegate authority 1–7 (best)	3.8	46.1 ↑	119	Denmark
11.07 Growth of innovative companies 1–7 (best)	3.3	37.8 ↑	132	Israel
11.08 Companies embracing disruptive ideas 1–7 (best)	3.4	40.2 ↑	94	Israel
 12th pillar: Innovation capability 0–100	-	26.2 ↓	129	Germany
Interaction and diversity 0–100	-	29.5 ↓	128	Singapore
12.01 Diversity of workforce 1–7 (best)	4.1	50.9 ↓	105	Singapore
12.02 State of cluster development 1–7 (best)	2.7	29.1 ↑	134	Italy
12.03 International co-inventions per million pop.	0.01	0.2 ↓	119	Multiple (5)
12.04 Multi-stakeholder collaboration 1–7 (best)	3.3	37.7 ↑	110	Israel
Research and development 0–100	-	16.0 ↓	133	Japan
12.05 Scientific publications score	57.7	60.3 ↑	127	Multiple (9)
12.06 Patent applications per million pop.	0.01	0.1 ↓	127	Multiple (8)
12.07 R&D expenditures % GDP	0.1	3.6 ↓	110	Multiple (7)
12.08 Research institutions prominence 0–100 (best)	0.00	0.0	117	Multiple (7)
Commercialization 0–100	-	39.9 ↓	115	Luxembourg
12.09 Buyer sophistication 1–7 (best)	3.3	38.2 ↓	91	Korea, Rep.
12.10 Trademark applications per million pop.	46.92	41.6 ↑	115	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/>