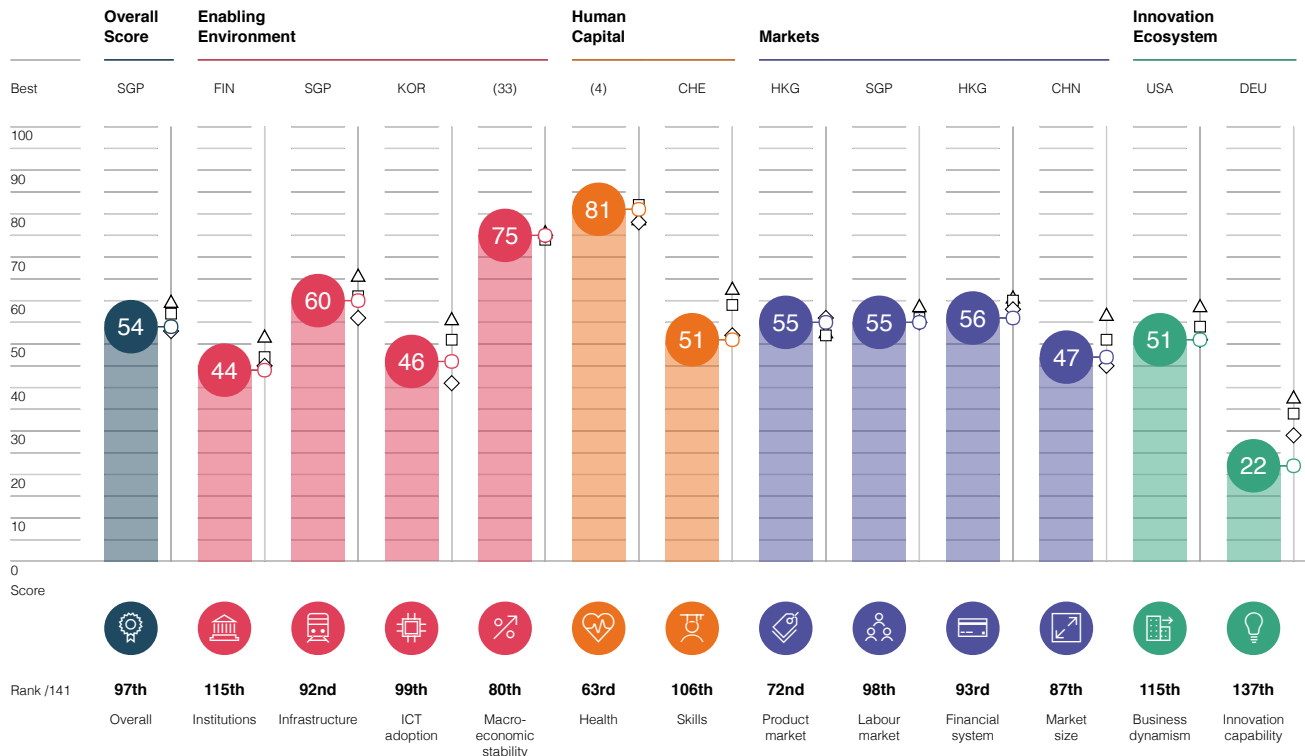


Global Competitiveness Index 4.0 2019 edition

Rank in 2018 edition: 95th/140

Performance Key ◇ Previous edition ▲ Upper-middle-income group average □ Latin America and the Caribbean average
Overview 2019





Selected contextual indicators

Population millions	7.1	GDP (PPP) % world GDP	0.07
GDP per capita US\$	5,898.8	5-year average FDI inward flow % GDP	1.4
10-year average annual GDP growth %	4.3		

Social and environmental performance

Environmental footprint gha/capita	3.1	Global Gender Gap Index 0-1 (gender parity)	0.7
Renewable energy consumption share %	61.7	Income Gini 0 (perfect equality) -100 (perfect inequality)	48.8
Unemployment rate %	4.7		

Index Component	Value	Score *	Rank/141	Best Performer
 1st pillar: Institutions 0–100	-	44.3 ↓	115	Finland
Security 0–100	-	63.4 ↓	113	Finland
1.01 Organized crime 1–7 (best)	4.3	54.6 ↓	93	Finland
1.02 Homicide rate per 100,000 pop.	8.9	71.5 ↑	112	Multiple (14)
1.03 Terrorism incidence 0 (very high) -100 (no incidence)	98.9	98.9 =	93	Multiple (25)
1.04 Reliability of police services 1–7 (best)	2.7	28.4 ↓	134	Finland
Social capital 0–100	-	53.7 ↑	50	New Zealand
1.05 Social capital 0–100 (best)	53.7	53.7 ↑	46	New Zealand
Checks and balances 0–100	-	38.5 ↓	115	Finland
1.06 Budget transparency 0–100 (best)	43	43.0	60	Multiple (2)
1.07 Judicial independence 1–7 (best)	1.7	12.4 ↓	138	Finland
1.08 Efficiency of legal framework in challenging regulations 1–7 (best)	2.9	31.0 ↑	102	Finland
1.09 Freedom of the press 0–100 (worst)	32.4	67.6 ↓	78	Norway
Public-sector performance 0–100	-	40.3 ↑	107	Singapore
1.10 Burden of government regulation 1–7 (best)	3.6	42.8 ↑	64	Singapore
1.11 Efficiency of legal framework in settling disputes 1–7 (best)	2.2	20.8 ↑	136	Singapore
1.12 E-Participation 0–1 (best)	0.57	57.3 =	96	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	-	44.3 ↑	101	Finland
1.14 Property rights 1–7 (best)	4.2	52.7 ↑	84	Finland
1.15 Intellectual property protection 1–7 (best)	3.4	40.1 ↓	117	Finland
1.16 Quality of land administration 0–30 (best)	12.0	40.0 =	93	Multiple (5)
Corporate governance 0–100	-	46.2 ↑	112	New Zealand
1.17 Strength of auditing and accounting standards 1–7 (best)	4.3	54.7 ↑	96	Finland
1.18 Conflict of interest regulation 0–10 (best)	5.7	57.0 =	68	Kenya
1.19 Shareholder governance 0–10 (best)	2.7	27.0 =	137	Kazakhstan
Future orientation of government 0–100	-	38.9	124	Luxembourg
1.20 Government ensuring policy stability 1–7 (best)	3.8	46.9	77	Switzerland
1.21 Government's responsiveness to change 1–7 (best)	2.6	26.7	128	Singapore
1.22 Legal framework's adaptability to digital business models 1–7 (best)	3.0	33.4	112	United States
1.23 Government long-term vision 1–7 (best)	2.9	31.2	117	Singapore
1.24 Energy efficiency regulation 0–100 (best)	25.7	25.7	93	Italy
1.25 Renewable energy regulation 0–100 (best)	38.4	38.4	88	Germany
1.26 Environment-related treaties in force count (out of 29)	19	65.5	107	Multiple (6)
 2nd pillar: Infrastructure 0–100	-	59.8 ↑	92	Singapore
Transport infrastructure 0–100	-	42.1 ↑	99	Singapore
2.01 Road connectivity 0–100 (best)	76.0	76.0 ↑	71	Multiple (3)
2.02 Quality of road infrastructure 1–7 (best)	2.6	26.7 ↑	126	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	4,647.5	24.7 =	119	Multiple (8)
2.06 Efficiency of air transport services 1–7 (best)	3.5	41.0 ↑	122	Singapore
2.07 Liner shipping connectivity 0–100 (best)	0.6	0.6	109	Multiple (5)
2.08 Efficiency of seaport services 1–7 (best)	3.5	41.8 ↑	94	Singapore
Utility infrastructure 0–100	-	77.6 ↓	93	Iceland
2.09 Electricity access % of population	99.0	99.0 ↓	80	Multiple (67)
2.10 Electricity supply quality % of output	24.9	78.2 ↓	121	Multiple (10)
2.11 Exposure to unsafe drinking water % of population	18.7	83.0 ↓	78	Multiple (28)
2.12 Reliability of water supply 1–7 (best)	4.0	50.0 ↑	105	Iceland

Index Component	Value	Score *	Rank/141	Best Performer
 3rd pillar: ICT adoption 0–100	-	45.7 ↑	99	Korea, Rep.
3.01 Mobile-cellular telephone subscriptions per 100 pop.	107.0	89.1 ↓	89	Multiple (63)
3.02 Mobile-broadband subscriptions per 100 pop.	57.7	N/Appl.	94	United Arab Emirates
3.03 Fixed-broadband Internet subscriptions per 100 pop.	4.6	9.2 ↑	91	Switzerland
3.04 Fibre internet subscriptions per 100 pop.	0.2	N/Appl.	86	Korea, Rep.
3.05 Internet users % of adult population	65.0	65.0 ↑	74	Qatar
 4th pillar: Macroeconomic stability 0–100	-	74.8 ↑	80	Multiple (33)
4.01 Inflation %	3.8	100.0 =	1	Multiple (88)
4.02 Debt dynamics 0–100 (best)	49.6	49.6 ↑	95	Multiple (34)
 5th pillar: Health 0–100	-	81.4 ↑	63	Multiple (4)
5.01 Healthy life expectancy years	66.0	81.4 ↑	62	Multiple (4)
 6th pillar: Skills 0–100	-	50.8 ↓	106	Switzerland
Current workforce 0–100	-	46.2 ↓	108	Switzerland
6.01 Mean years of schooling years	8.4	55.7 ↓	88	Germany
Skills of current workforce 0–100	-	36.8 ↓	136	Switzerland
6.02 Extent of staff training 1–7 (best)	3.6	43.9 ↑	103	Switzerland
6.03 Quality of vocational training 1–7 (best)	3.1	35.6 ↓	133	Switzerland
6.04 Skillset of graduates 1–7 (best)	3.1	35.3 ↓	134	Switzerland
6.05 Digital skills among active population 1–7 (best)	2.9	31.8 ↓	134	Finland
6.06 Ease of finding skilled employees 1–7 (best)	3.2	37.2 ↑	135	United States
Future workforce 0–100	-	55.4 ↓	106	Denmark
6.07 School life expectancy years	12.3	68.4 ↑	89	Multiple (11)
Skills of future workforce 0–100	-	42.3 ↓	108	Denmark
6.08 Critical thinking in teaching 1–7 (best)	2.2	20.0 ↓	140	Finland
6.09 Pupil-to-teacher ratio in primary education ratio	24.2	64.6 ↓	90	Multiple (5)
 7th pillar: Product market 0–100	-	54.6 ↓	72	Hong Kong SAR
Domestic competition 0–100	-	47.1 ↑	103	Hong Kong SAR
7.01 Distortive effect of taxes and subsidies on competition 1–7 (best)	3.7	45.4 ↑	70	Singapore
7.02 Extent of market dominance 1–7 (best)	3.2	36.9 ↑	113	Switzerland
7.03 Competition in services 1–7 (best)	4.5	58.9 ↓	108	Hong Kong SAR
Trade openness 0–100	-	62.2 ↓	46	Singapore
7.04 Prevalence of non-tariff barriers 1–7 (best)	4.5	58.8 ↑	55	Singapore
7.05 Trade tariffs %	6.89	54.0 ↓	89	Hong Kong SAR
7.06 Complexity of tariffs 1–7 (best)	6.7	94.8 ↓	9	Hong Kong SAR
7.07 Border clearance efficiency 1–5 (best)	2.6	41.0 =	68	Germany
 8th pillar: Labour market 0–100	-	55.2 ↑	98	Singapore
Flexibility 0–100	-	54.7 ↑	93	Singapore
8.01 Redundancy costs weeks of salary	29.4	47.1 ↑	123	Multiple (8)
8.02 Hiring and firing practices 1–7 (best)	3.0	32.8 ↓	128	Hong Kong SAR
8.03 Cooperation in labour-employer relations 1–7 (best)	4.4	57.0 ↑	74	Singapore
8.04 Flexibility of wage determination 1–7 (best)	5.1	67.6 ↑	65	Estonia
8.05 Active labour market policies 1–7 (best)	2.1	18.3 ↓	127	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)	5.5	75.7 ↑	2	Albania
8.08 Internal labour mobility 1–7 (best)	5.0	66.2 ↑	29	United States
Meritocracy and incentivization 0–100	-	55.7 ↑	101	Denmark
8.09 Reliance on professional management 1–7 (best)	3.6	43.2 ↑	119	Finland
8.10 Pay and productivity 1–7 (best)	3.4	40.3 ↑	117	Hong Kong SAR
8.11 Ratio of wage and salaried female workers to male workers %	0.63	53.9 ↓	81	Multiple (4)
8.12 Labour tax rate %	18.6	85.3 =	80	Multiple (24)

Index Component	Value	Score *	Rank/141	Best Performer
 9th pillar: Financial system 0–100	-	56.0 ↓	93	Hong Kong SAR
Depth 0–100	-	26.6 ↓	105	United States
9.01 Domestic credit to private sector % GDP	41.6	43.8 ↓	85	Multiple (30)
9.02 Financing of SMEs 1–7 (best)	3.9	48.9 ↑	67	Finland
9.03 Venture capital availability 1–7 (best)	2.9	31.7 ↑	91	United States
9.04 Market capitalization % GDP	3.9	3.9 ↓	113	Multiple (15)
9.05 Insurance premium volume to GDP	0.3	4.8 ↓	126	Multiple (17)
Stability 0–100	-	92.8 ↑	31	Finland
9.06 Soundness of banks 1–7 (best)	5.6	76.0 ↑	40	Finland
9.07 Non-performing loans % of gross total loans	2.8	95.3 ↑	49	Multiple (3)
9.08 Credit gap %	-0.8	100.0 =	1	Multiple (98)
9.09 Banks' regulatory capital ratio % of total risk-weighted assets	17.5	100.0 ↑	65	Multiple (74)
 10th pillar: Market size 0–100	-	47.3 ↑	87	China
10.01 Gross domestic product PPP \$ billions	84	N/Appl.	82	China
10.02 Imports of goods and services % GDP	35.1	N/Appl.	91	Hong Kong SAR
 11th pillar: Business dynamism 0–100	-	51.2 ↑	115	United States
Administrative requirements 0–100	-	57.0 ↓	117	United States
11.01 Cost of starting a business % of GNI per capita	40.3	79.9 ↓	124	Multiple (2)
11.02 Time to start a business days	35.0	65.3 =	123	New Zealand
11.03 Insolvency recovery rate cents to the dollar	21.6	23.3 =	110	Japan
11.04 Insolvency regulatory framework 0–16 (best)	9.5	59.4 =	69	Multiple (6)
Entrepreneurial culture 0–100	-	45.5 ↑	101	Israel
11.05 Attitudes towards entrepreneurial risk 1–7 (best)	4.0	50.7 ↑	68	Israel
11.06 Willingness to delegate authority 1–7 (best)	3.7	44.5 ↑	120	Denmark
11.07 Growth of innovative companies 1–7 (best)	4.0	50.6 ↓	76	Israel
11.08 Companies embracing disruptive ideas 1–7 (best)	3.2	36.2 ↑	121	Israel
 12th pillar: Innovation capability 0–100	-	22.4 ↓	137	Germany
Interaction and diversity 0–100	-	29.8 ↑	127	Singapore
12.01 Diversity of workforce 1–7 (best)	4.0	50.1 ↑	113	Singapore
12.02 State of cluster development 1–7 (best)	3.1	35.6 ↑	118	Italy
12.03 International co-inventions per million pop.	0.00	0.0	126	Multiple (5)
12.04 Multi-stakeholder collaboration 1–7 (best)	3.0	33.6 ↑	127	Israel
Research and development 0–100	-	17.4 ↑	125	Japan
12.05 Scientific publications score	75.7	64.3 ↑	116	Multiple (9)
12.06 Patent applications per million pop.	0.00	0.0	132	Multiple (8)
12.07 R&D expenditures % GDP	0.2	5.1 ↑	99	Multiple (7)
12.08 Research institutions prominence 0–100 (best)	0.00	0.4 ↓	111	Multiple (7)
Commercialization 0–100	-	17.5 ↓	139	Luxembourg
12.09 Buyer sophistication 1–7 (best)	3.1	35.1 ↑	106	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/>