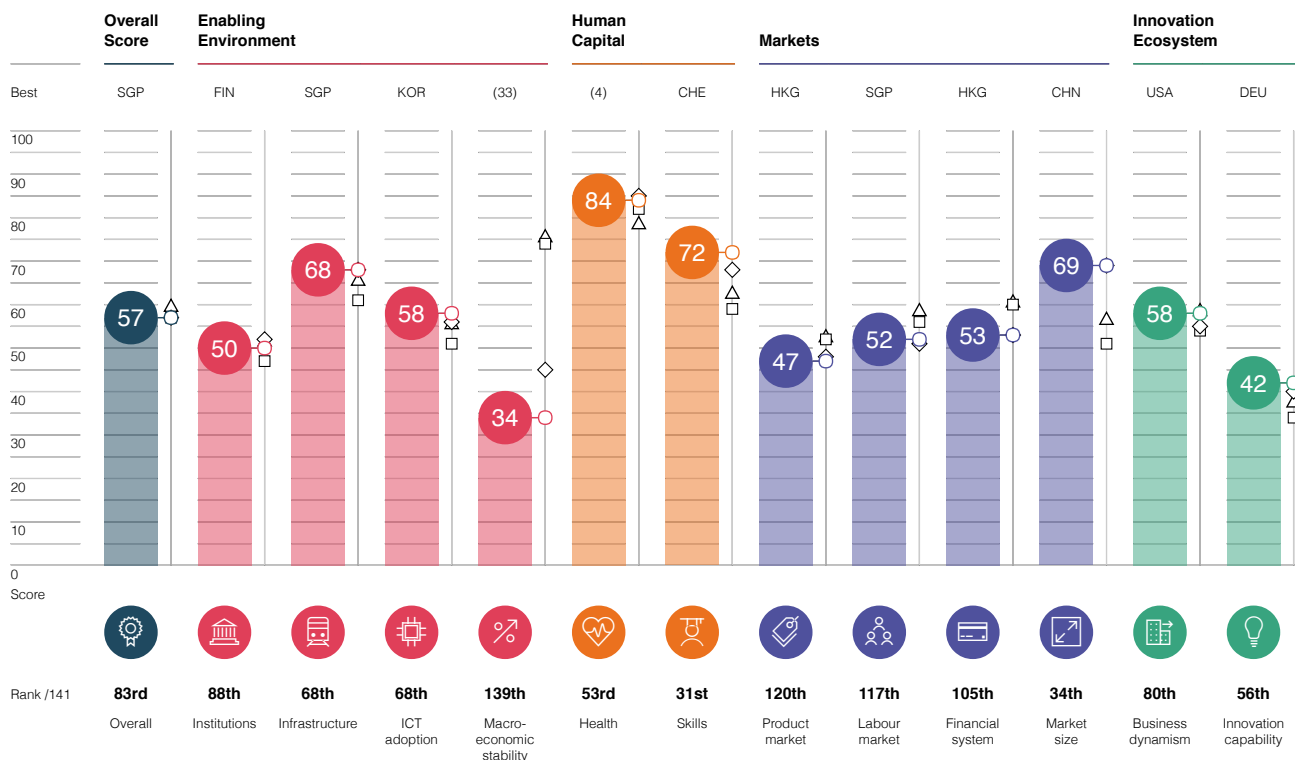


Global Competitiveness Index 4.0 2019 edition

Rank in 2018 edition: 81st/140

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





Selected contextual indicators

Population millions	44.6	GDP (PPP) % world GDP	0.68
GDP per capita US\$	11,626.9	5-year average FDI inward flow % GDP	1.5
10-year average annual GDP growth %	1.5		

Social and environmental performance

Environmental footprint gha/capita	4.1	Global Gender Gap Index 0-1 (gender parity)	0.7
Renewable energy consumption share %	10.0	Income Gini 0 (perfect equality) -100 (perfect inequality)	41.2
Unemployment rate %	9.5		

Index Component	Value	Score *	Rank/141	Best Performer
 1st pillar: Institutions 0–100	-	49.9 ↓	88	Finland
Security 0–100	-	69.8 ↑	94	Finland
1.01 Organized crime 1–7 (best)	4.1	51.0 ↓	100	Finland
1.02 Homicide rate per 100,000 pop.	5.1	84.4 ↑	95	Multiple (14)
1.03 Terrorism incidence 0 (very high) -100 (no incidence)	99.8	99.8 =	70	Multiple (25)
1.04 Reliability of police services 1–7 (best)	3.6	44.1 ↑	104	Finland
Social capital 0–100	-	49.5 ↓	75	New Zealand
1.05 Social capital 0–100 (best)	49.5	49.5 ↓	69	New Zealand
Checks and balances 0–100	-	45.5 ↓	91	Finland
1.06 Budget transparency 0–100 (best)	50	50.0	45	Multiple (2)
1.07 Judicial independence 1–7 (best)	2.8	30.8 ↓	112	Finland
1.08 Efficiency of legal framework in challenging regulations 1–7 (best)	2.8	29.4 ↓	107	Finland
1.09 Freedom of the press 0–100 (worst)	28.3	71.7 ↓	46	Norway
Public-sector performance 0–100	-	39.9 ↑	111	Singapore
1.10 Burden of government regulation 1–7 (best)	2.6	27.1 ↑	125	Singapore
1.11 Efficiency of legal framework in settling disputes 1–7 (best)	2.8	30.1 ↑	118	Singapore
1.12 E-Participation 0–1 (best)	0.62	62.4 =	84	Multiple (3)
Transparency 0–100	-	40.0 ↑	73	Denmark
1.13 Incidence of corruption 0–100 (best)	40.0	40.0 ↑	73	Denmark
Property rights 0–100	-	46.5 ↑	94	Finland
1.14 Property rights 1–7 (best)	3.8	45.8 ↑	112	Finland
1.15 Intellectual property protection 1–7 (best)	3.9	48.7 ↑	85	Finland
1.16 Quality of land administration 0–30 (best)	13.5	45.0 =	86	Multiple (5)
Corporate governance 0–100	-	59.0 ↓	76	New Zealand
1.17 Strength of auditing and accounting standards 1–7 (best)	4.2	54.0 ↑	100	Finland
1.18 Conflict of interest regulation 0–10 (best)	5.0	50.0 =	97	Kenya
1.19 Shareholder governance 0–10 (best)	7.3	73.0 ↓	17	Kazakhstan
Future orientation of government 0–100	-	48.7	95	Luxembourg
1.20 Government ensuring policy stability 1–7 (best)	3.0	32.9	118	Switzerland
1.21 Government's responsiveness to change 1–7 (best)	3.5	41.8	86	Singapore
1.22 Legal framework's adaptability to digital business models 1–7 (best)	3.5	42.0	77	United States
1.23 Government long-term vision 1–7 (best)	3.6	42.6	85	Singapore
1.24 Energy efficiency regulation 0–100 (best)	34.1	34.1	72	Italy
1.25 Renewable energy regulation 0–100 (best)	59.0	59.0	47	Germany
1.26 Environment-related treaties in force count (out of 29)	23	79.3	56	Multiple (6)
 2nd pillar: Infrastructure 0–100	-	68.3 ↑	68	Singapore
Transport infrastructure 0–100	-	47.7 ↑	78	Singapore
2.01 Road connectivity 0–100 (best)	94.5	94.5 ↑	12	Multiple (3)
2.02 Quality of road infrastructure 1–7 (best)	3.6	43.4 ↑	92	Singapore
2.03 Railroad density km/1,000 km ²	6.4	16.1 ↓	65	Multiple (24)
2.04 Efficiency of train services 1–7 (best)	2.7	28.1 ↑	79	Japan
2.05 Airport connectivity score	80,596.6	59.1 =	48	Multiple (8)
2.06 Efficiency of air transport services 1–7 (best)	4.4	57.2 ↑	83	Singapore
2.07 Liner shipping connectivity 0–100 (best)	35.2	35.2 ↑	52	Multiple (5)
2.08 Efficiency of seaport services 1–7 (best)	3.9	48.2 ↑	81	Singapore
Utility infrastructure 0–100	-	88.9 ↑	57	Iceland
2.09 Electricity access % of population	98.8	98.8 ↓	84	Multiple (67)
2.10 Electricity supply quality % of output	13.0	90.6 ↑	88	Multiple (10)
2.11 Exposure to unsafe drinking water % of population	8.2	93.6 ↓	51	Multiple (28)
2.12 Reliability of water supply 1–7 (best)	5.3	72.4 ↑	51	Iceland

Index Component	Value	Score *	Rank/141	Best Performer
 3rd pillar: ICT adoption 0–100	-	58.0 ↑	68	Korea, Rep.
3.01 Mobile-cellular telephone subscriptions per 100 pop.	132.1	100.0 =	40	Multiple (63)
3.02 Mobile-broadband subscriptions per 100 pop.	80.7	N/Appl.	60	United Arab Emirates
3.03 Fixed-broadband Internet subscriptions per 100 pop.	19.1	38.2 ↑	53	Switzerland
3.04 Fibre internet subscriptions per 100 pop.	0.5	N/Appl.	78	Korea, Rep.
3.05 Internet users % of adult population	74.3	74.3 ↑	56	Qatar
 4th pillar: Macroeconomic stability 0–100	-	33.9 ↓	139	Multiple (33)
4.01 Inflation %	30.0	27.8 ↓	138	Multiple (88)
4.02 Debt dynamics 0–100 (best)	40.0	40.0 ↓	114	Multiple (34)
 5th pillar: Health 0–100	-	83.8 ↓	53	Multiple (4)
5.01 Healthy life expectancy years	66.8	83.8 ↓	52	Multiple (4)
 6th pillar: Skills 0–100	-	72.3 ↑	31	Switzerland
Current workforce 0–100	-	64.7 ↑	41	Switzerland
6.01 Mean years of schooling years	11.4	76.2 ↑	36	Germany
Skills of current workforce 0–100	-	53.2 ↑	62	Switzerland
6.02 Extent of staff training 1–7 (best)	3.8	46.9 ↑	87	Switzerland
6.03 Quality of vocational training 1–7 (best)	4.8	62.9 ↑	27	Switzerland
6.04 Skillset of graduates 1–7 (best)	4.2	53.0 ↑	61	Switzerland
6.05 Digital skills among active population 1–7 (best)	4.0	50.2 ↑	80	Finland
6.06 Ease of finding skilled employees 1–7 (best)	4.2	53.1 ↑	68	United States
Future workforce 0–100	-	79.8 ↑	31	Denmark
6.07 School life expectancy years	17.6	98.0 ↑	15	Multiple (11)
Skills of future workforce 0–100	-	61.6 ↑	56	Denmark
6.08 Critical thinking in teaching 1–7 (best)	3.4	40.8 ↑	71	Finland
6.09 Pupil-to-teacher ratio in primary education ratio	17.0	82.5 ↑	59	Multiple (5)
 7th pillar: Product market 0–100	-	47.0 ↓	120	Hong Kong SAR
Domestic competition 0–100	-	42.8 ↑	122	Hong Kong SAR
7.01 Distortive effect of taxes and subsidies on competition 1–7 (best)	2.6	27.0 ↓	133	Singapore
7.02 Extent of market dominance 1–7 (best)	3.6	42.6 ↑	95	Switzerland
7.03 Competition in services 1–7 (best)	4.5	58.9 ↑	107	Hong Kong SAR
Trade openness 0–100	-	51.1 ↓	111	Singapore
7.04 Prevalence of non-tariff barriers 1–7 (best)	4.0	50.7 ↑	111	Singapore
7.05 Trade tariffs %	11.31	24.6 ↑	124	Hong Kong SAR
7.06 Complexity of tariffs 1–7 (best)	6.6	93.6 ↑	24	Hong Kong SAR
7.07 Border clearance efficiency 1–5 (best)	2.4	35.4 =	100	Germany
 8th pillar: Labour market 0–100	-	51.8 ↑	117	Singapore
Flexibility 0–100	-	45.1 ↑	136	Singapore
8.01 Redundancy costs weeks of salary	30.3	45.2 ↑	125	Multiple (8)
8.02 Hiring and firing practices 1–7 (best)	2.3	22.4 ↑	139	Hong Kong SAR
8.03 Cooperation in labour-employer relations 1–7 (best)	3.8	46.4 ↑	123	Singapore
8.04 Flexibility of wage determination 1–7 (best)	2.9	31.9 ↑	138	Estonia
8.05 Active labour market policies 1–7 (best)	2.9	30.9 ↑	95	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)	5.0	66.7 ↑	11	Albania
8.08 Internal labour mobility 1–7 (best)	3.7	44.2 ↓	124	United States
Meritocracy and incentivization 0–100	-	58.6 ↑	89	Denmark
8.09 Reliance on professional management 1–7 (best)	4.3	55.1 ↓	68	Finland
8.10 Pay and productivity 1–7 (best)	3.5	41.9 ↑	104	Hong Kong SAR
8.11 Ratio of wage and salaried female workers to male workers %	0.74	66.9 ↑	67	Multiple (4)
8.12 Labour tax rate %	29.3	70.4 =	123	Multiple (24)

Index Component	Value	Score *	Rank/141	Best Performer
 9th pillar: Financial system 0–100	-	52.9 ↑	105	Hong Kong SAR
Depth 0–100	-	23.8 ↓	115	United States
9.01 Domestic credit to private sector % GDP	14.8	15.5 ↑	128	Multiple (30)
9.02 Financing of SMEs 1–7 (best)	2.6	27.1 ↓	132	Finland
9.03 Venture capital availability 1–7 (best)	2.3	22.1 ↓	118	United States
9.04 Market capitalization % GDP	12.7	12.7 ↑	92	Multiple (15)
9.05 Insurance premium volume to GDP	2.5	41.9 ↑	47	Multiple (17)
Stability 0–100	-	89.1 ↑	61	Finland
9.06 Soundness of banks 1–7 (best)	4.8	63.1 ↑	83	Finland
9.07 Non-performing loans % of gross total loans	1.8	97.3 ↑	28	Multiple (3)
9.08 Credit gap %	2.1	99.7 ↓	102	Multiple (98)
9.09 Banks' regulatory capital ratio % of total risk-weighted assets	15.2	96.3 ↑	100	Multiple (74)
 10th pillar: Market size 0–100	-	68.6 ↓	34	China
10.01 Gross domestic product PPP \$ billions	813	N/Appl.	29	China
10.02 Imports of goods and services % GDP	17.2	N/Appl.	136	Hong Kong SAR
 11th pillar: Business dynamism 0–100	-	58.3 ↑	80	United States
Administrative requirements 0–100	-	67.3 ↑	81	United States
11.01 Cost of starting a business % of GNI per capita	5.3	97.3 ↑	62	Multiple (2)
11.02 Time to start a business days	11.0	89.4 ↑	65	New Zealand
11.03 Insolvency recovery rate cents to the dollar	21.5	23.1 =	111	Japan
11.04 Insolvency regulatory framework 0–16 (best)	9.5	59.4 =	69	Multiple (6)
Entrepreneurial culture 0–100	-	49.3 ↑	79	Israel
11.05 Attitudes towards entrepreneurial risk 1–7 (best)	4.0	50.7 ↑	69	Israel
11.06 Willingness to delegate authority 1–7 (best)	4.2	53.9 ↑	77	Denmark
11.07 Growth of innovative companies 1–7 (best)	3.9	48.2 ↓	86	Israel
11.08 Companies embracing disruptive ideas 1–7 (best)	3.7	44.3 ↑	69	Israel
 12th pillar: Innovation capability 0–100	-	41.7 ↑	56	Germany
Interaction and diversity 0–100	-	39.2 ↑	78	Singapore
12.01 Diversity of workforce 1–7 (best)	4.9	65.5 ↑	36	Singapore
12.02 State of cluster development 1–7 (best)	3.4	40.8 ↑	98	Italy
12.03 International co-inventions per million pop.	0.28	7.6 ↑	69	Multiple (5)
12.04 Multi-stakeholder collaboration 1–7 (best)	3.6	42.8 ↑	89	Israel
Research and development 0–100	-	35.3 ↑	52	Japan
12.05 Scientific publications score	364.7	87.4 ↑	37	Multiple (9)
12.06 Patent applications per million pop.	1.44	16.4 ↓	64	Multiple (8)
12.07 R&D expenditures % GDP	0.5	17.8 ↓	60	Multiple (7)
12.08 Research institutions prominence 0–100 (best)	0.07	19.7 ↑	26	Multiple (7)
Commercialization 0–100	-	59.7 ↑	54	Luxembourg
12.09 Buyer sophistication 1–7 (best)	3.5	41.4 ↑	78	Korea, Rep.
12.10 Trademark applications per million pop.	1,406.05	78.0 ↑	48	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/>