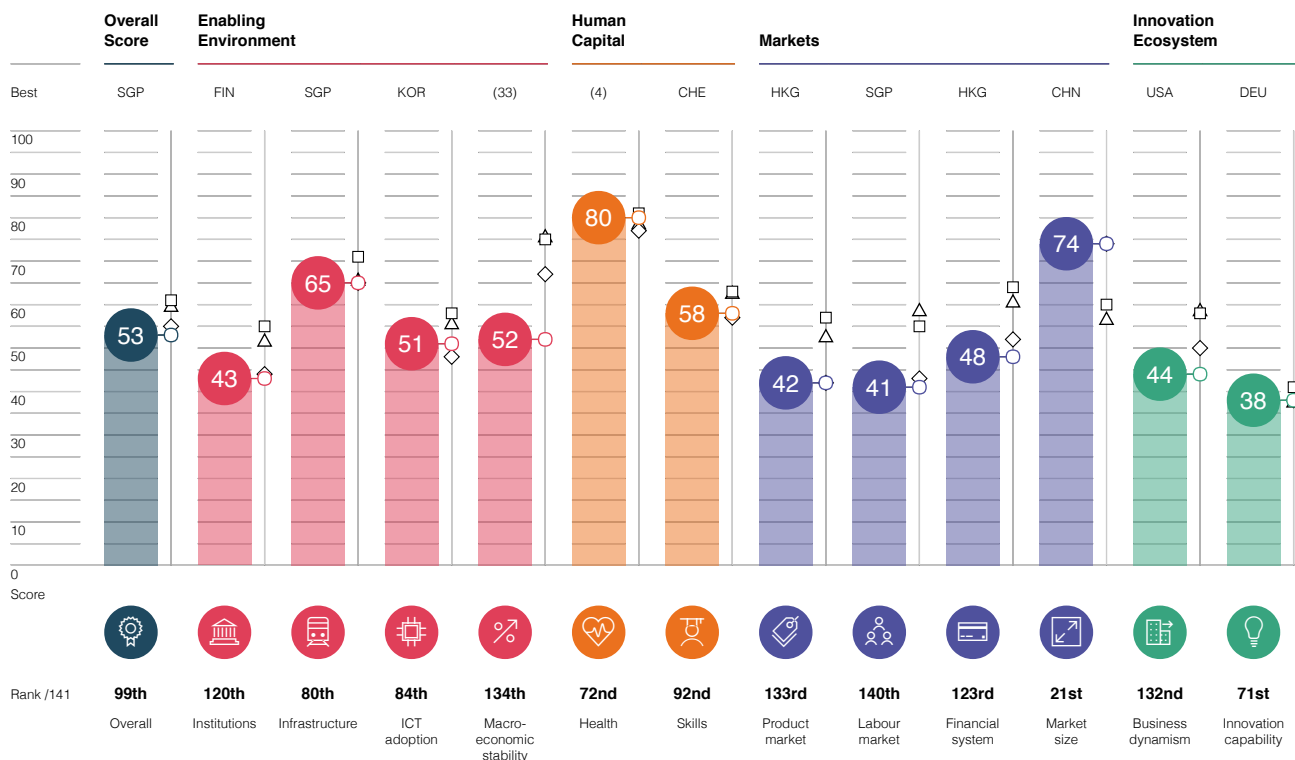


Global Competitiveness Index 4.0 2019 edition

Rank in 2018 edition: 89th/140

Performance Overview 2019

Key ◇ Previous edition △ Upper-middle-income group average □ Middle East and North Africa average





Selected contextual indicators

Population millions	82.4	GDP (PPP) % world GDP	1.19
GDP per capita US\$	5,491.4	5-year average FDI inward flow % GDP	0.7
10-year average annual GDP growth %	1.3		

Social and environmental performance

Environmental footprint gha/capita	0.9	Global Gender Gap Index 0-1 (gender parity)	0.6
Renewable energy consumption share %	0.9	Income Gini 0 (perfect equality) -100 (perfect inequality)	40.0
Unemployment rate %	12.0		

Index Component	Value	Score *	Rank/141	Best Performer
 1st pillar: Institutions 0–100	-	42.5 ↓	120	Finland
Security 0–100	-	72.8 ↓	82	Finland
1.01 Organized crime 1–7 (best)	3.9	49.1 ↓	107	Finland
1.02 Homicide rate per 100,000 pop.	2.5	93.2 ↓	75	Multiple (14)
1.03 Terrorism incidence 0 (very high) -100 (no incidence)	97.6	97.6 =	107	Multiple (25)
1.04 Reliability of police services 1–7 (best)	4.1	51.3 ↓	84	Finland
Social capital 0–100	-	52.8 ↑	56	New Zealand
1.05 Social capital 0–100 (best)	52.8	52.8 ↑	51	New Zealand
Checks and balances 0–100	-	24.7 ↓	138	Finland
1.06 Budget transparency 0–100 (best)	n/a	5.8	n/a	Multiple (2)
1.07 Judicial independence 1–7 (best)	3.1	34.7 ↓	97	Finland
1.08 Efficiency of legal framework in challenging regulations 1–7 (best)	2.4	22.8 ↓	130	Finland
1.09 Freedom of the press 0–100 (worst)	64.4	35.6 ↓	136	Norway
Public-sector performance 0–100	-	34.8 ↓	124	Singapore
1.10 Burden of government regulation 1–7 (best)	2.4	24.0 ↓	133	Singapore
1.11 Efficiency of legal framework in settling disputes 1–7 (best)	2.7	27.8 ↓	122	Singapore
1.12 E-Participation 0–1 (best)	0.53	52.8 =	102	Multiple (3)
Transparency 0–100	-	28.0 ↓	116	Denmark
1.13 Incidence of corruption 0–100 (best)	28.0	28.0 ↓	116	Denmark
Property rights 0–100	-	40.4 ↓	115	Finland
1.14 Property rights 1–7 (best)	3.5	42.2 ↓	123	Finland
1.15 Intellectual property protection 1–7 (best)	2.7	28.9 ↓	136	Finland
1.16 Quality of land administration 0–30 (best)	15.0	50.0 =	74	Multiple (5)
Corporate governance 0–100	-	37.0 ↑	137	New Zealand
1.17 Strength of auditing and accounting standards 1–7 (best)	3.6	43.9 ↑	125	Finland
1.18 Conflict of interest regulation 0–10 (best)	4.0	40.0 =	121	Kenya
1.19 Shareholder governance 0–10 (best)	2.7	27.0 =	137	Kazakhstan
Future orientation of government 0–100	-	49.7	87	Luxembourg
1.20 Government ensuring policy stability 1–7 (best)	2.4	23.6	134	Switzerland
1.21 Government's responsiveness to change 1–7 (best)	2.9	31.9	115	Singapore
1.22 Legal framework's adaptability to digital business models 1–7 (best)	3.3	37.9	95	United States
1.23 Government long-term vision 1–7 (best)	2.7	27.8	126	Singapore
1.24 Energy efficiency regulation 0–100 (best)	75.7	75.7	16	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)	21	72.4	79	Multiple (6)
 2nd pillar: Infrastructure 0–100	-	64.8 ↓	80	Singapore
Transport infrastructure 0–100	-	46.8 ↑	82	Singapore
2.01 Road connectivity 0–100 (best)	85.4	85.4 ↑	42	Multiple (3)
2.02 Quality of road infrastructure 1–7 (best)	3.9	48.1 ↓	79	Singapore
2.03 Railroad density km/1,000 km ²	5.5	13.8 ↑	67	Multiple (24)
2.04 Efficiency of train services 1–7 (best)	3.7	44.6 ↓	52	Japan
2.05 Airport connectivity score	80,533.3	59.0 =	49	Multiple (8)
2.06 Efficiency of air transport services 1–7 (best)	3.1	35.2 ↓	132	Singapore
2.07 Liner shipping connectivity 0–100 (best)	42.5	42.5 ↑	41	Multiple (5)
2.08 Efficiency of seaport services 1–7 (best)	3.7	45.6 ↓	87	Singapore
Utility infrastructure 0–100	-	82.7 ↓	76	Iceland
2.09 Electricity access % of population	99.1	99.1 ↓	78	Multiple (67)
2.10 Electricity supply quality % of output	11.7	92.0 ↑	75	Multiple (10)
2.11 Exposure to unsafe drinking water % of population	14.3	87.4 ↓	68	Multiple (28)
2.12 Reliability of water supply 1–7 (best)	4.1	52.4 ↓	100	Iceland

Index Component	Value	Score *	Rank/141	Best Performer
 3rd pillar: ICT adoption 0–100	-	50.8 ↑	84	Korea, Rep.
3.01 Mobile-cellular telephone subscriptions per 100 pop.	108.5	90.4 ↑	85	Multiple (63)
3.02 Mobile-broadband subscriptions per 100 pop.	68.2	N/Appl.	80	United Arab Emirates
3.03 Fixed-broadband Internet subscriptions per 100 pop.	12.0	24.0 ↓	69	Switzerland
3.04 Fibre internet subscriptions per 100 pop.	0.0	N/Appl.	125	Korea, Rep.
3.05 Internet users % of adult population	70.0	70.0 ↑	68	Qatar
 4th pillar: Macroeconomic stability 0–100	-	52.2 ↓	134	Multiple (33)
4.01 Inflation %	20.4	54.4 ↓	135	Multiple (88)
4.02 Debt dynamics 0–100 (best)	50.0	50.0 ↑	64	Multiple (34)
 5th pillar: Health 0–100	-	80.4 ↑	72	Multiple (4)
5.01 Healthy life expectancy years	65.7	80.4 ↑	71	Multiple (4)
 6th pillar: Skills 0–100	-	57.9 ↑	92	Switzerland
Current workforce 0–100	-	54.3 ↑	80	Switzerland
6.01 Mean years of schooling years	10.0	66.7 ↑	61	Germany
Skills of current workforce 0–100	-	41.8 ↓	118	Switzerland
6.02 Extent of staff training 1–7 (best)	3.1	34.3 ↓	134	Switzerland
6.03 Quality of vocational training 1–7 (best)	3.5	41.5 ↓	115	Switzerland
6.04 Skillset of graduates 1–7 (best)	3.0	33.2 ↓	136	Switzerland
6.05 Digital skills among active population 1–7 (best)	4.1	51.8 ↓	76	Finland
6.06 Ease of finding skilled employees 1–7 (best)	3.9	48.1 ↓	103	United States
Future workforce 0–100	-	61.5 ↓	93	Denmark
6.07 School life expectancy years	14.9	82.7 ↑	57	Multiple (11)
Skills of future workforce 0–100	-	40.2 ↓	115	Denmark
6.08 Critical thinking in teaching 1–7 (best)	2.6	26.7 ↓	128	Finland
6.09 Pupil-to-teacher ratio in primary education ratio	28.5	53.7 ↓	104	Multiple (5)
 7th pillar: Product market 0–100	-	41.6 ↓	133	Hong Kong SAR
Domestic competition 0–100	-	43.4 ↓	119	Hong Kong SAR
7.01 Distortive effect of taxes and subsidies on competition 1–7 (best)	2.8	30.6 ↓	130	Singapore
7.02 Extent of market dominance 1–7 (best)	3.8	47.4 ↑	61	Switzerland
7.03 Competition in services 1–7 (best)	4.1	52.2 ↓	130	Hong Kong SAR
Trade openness 0–100	-	39.8 ↑	139	Singapore
7.04 Prevalence of non-tariff barriers 1–7 (best)	4.0	49.4 ↑	119	Singapore
7.05 Trade tariffs %	26.95	0.0	141	Hong Kong SAR
7.06 Complexity of tariffs 1–7 (best)	5.2	69.4 =	81	Hong Kong SAR
7.07 Border clearance efficiency 1–5 (best)	2.6	40.6 =	71	Germany
 8th pillar: Labour market 0–100	-	41.3 ↓	140	Singapore
Flexibility 0–100	-	45.2 ↓	135	Singapore
8.01 Redundancy costs weeks of salary	23.1	60.2 ↑	105	Multiple (8)
8.02 Hiring and firing practices 1–7 (best)	3.3	38.8 ↓	112	Hong Kong SAR
8.03 Cooperation in labour-employer relations 1–7 (best)	3.6	42.5 ↓	132	Singapore
8.04 Flexibility of wage determination 1–7 (best)	4.2	53.1 ↓	127	Estonia
8.05 Active labour market policies 1–7 (best)	2.5	24.7 ↓	111	Switzerland
8.06 Workers' rights 0–100 (best)	64.0	64.0 ↑	93	Multiple (2)
8.07 Ease of hiring foreign labour 1–7 (best)	2.8	30.4 ↓	139	Albania
8.08 Internal labour mobility 1–7 (best)	3.9	47.8 ↓	116	United States
Meritocracy and incentivization 0–100	-	37.5 ↓	139	Denmark
8.09 Reliance on professional management 1–7 (best)	3.1	35.2 ↓	135	Finland
8.10 Pay and productivity 1–7 (best)	3.2	37.4 ↓	126	Hong Kong SAR
8.11 Ratio of wage and salaried female workers to male workers %	0.22	2.2 ↑	134	Multiple (4)
8.12 Labour tax rate %	25.9	75.1 =	112	Multiple (24)

Index Component	Value	Score *	Rank/141	Best Performer
 9th pillar: Financial system 0–100	-	47.5 ↓	123	Hong Kong SAR
Depth 0–100	-	32.8 ↓	88	United States
9.01 Domestic credit to private sector % GDP	62.9	66.2 ↑	53	Multiple (30)
9.02 Financing of SMEs 1–7 (best)	2.9	30.8 ↓	126	Finland
9.03 Venture capital availability 1–7 (best)	2.2	20.7 ↓	121	United States
9.04 Market capitalization % GDP	24.6	24.6 ↓	69	Multiple (15)
9.05 Insurance premium volume to GDP	1.3	21.5 ↓	84	Multiple (17)
Stability 0–100	-	66.0 ↓	137	Finland
9.06 Soundness of banks 1–7 (best)	2.8	29.9 ↓	136	Finland
9.07 Non-performing loans % of gross total loans	11.4	78.0 ↓	114	Multiple (3)
9.08 Credit gap %	4.4	93.7 =	122	Multiple (98)
9.09 Banks' regulatory capital ratio % of total risk-weighted assets	5.1	62.3 ↓	141	Multiple (74)
 10th pillar: Market size 0–100	-	74.1 ↓	21	China
10.01 Gross domestic product PPP \$ billions	1,432	N/Appl.	18	China
10.02 Imports of goods and services % GDP	15.9	N/Appl.	138	Hong Kong SAR
 11th pillar: Business dynamism 0–100	-	44.3 ↓	132	United States
Administrative requirements 0–100	-	49.6 ↓	127	United States
11.01 Cost of starting a business % of GNI per capita	1.2	99.4 ↑	32	Multiple (2)
11.02 Time to start a business days	72.5	27.6 ↓	136	New Zealand
11.03 Insolvency recovery rate cents to the dollar	37.1	39.9 ↑	71	Japan
11.04 Insolvency regulatory framework 0–16 (best)	5.0	31.3 =	120	Multiple (6)
Entrepreneurial culture 0–100	-	39.1 ↓	131	Israel
11.05 Attitudes towards entrepreneurial risk 1–7 (best)	3.0	33.6 ↓	138	Israel
11.06 Willingness to delegate authority 1–7 (best)	3.3	37.9 ↓	134	Denmark
11.07 Growth of innovative companies 1–7 (best)	3.8	47.1 ↓	90	Israel
11.08 Companies embracing disruptive ideas 1–7 (best)	3.3	37.9 ↓	113	Israel
 12th pillar: Innovation capability 0–100	-	38.0 ↑	71	Germany
Interaction and diversity 0–100	-	30.4 ↓	126	Singapore
12.01 Diversity of workforce 1–7 (best)	3.7	45.4 ↑	127	Singapore
12.02 State of cluster development 1–7 (best)	3.5	42.1 ↓	92	Italy
12.03 International co-inventions per million pop.	0.07	2.2 ↑	90	Multiple (5)
12.04 Multi-stakeholder collaboration 1–7 (best)	2.9	32.0 ↓	134	Israel
Research and development 0–100	-	35.9 ↑	47	Japan
12.05 Scientific publications score	261.0	82.5 ↑	42	Multiple (9)
12.06 Patent applications per million pop.	0.11	1.9 ↑	99	Multiple (8)
12.07 R&D expenditures % GDP	0.3	8.4 ↓	86	Multiple (7)
12.08 Research institutions prominence 0–100 (best)	0.20	50.9 ↑	15	Multiple (7)
Commercialization 0–100	-	57.3 ↑	62	Luxembourg
12.09 Buyer sophistication 1–7 (best)	3.4	40.8 ↓	83	Korea, Rep.
12.10 Trademark applications per million pop.	948.85	73.8 ↑	53	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/>