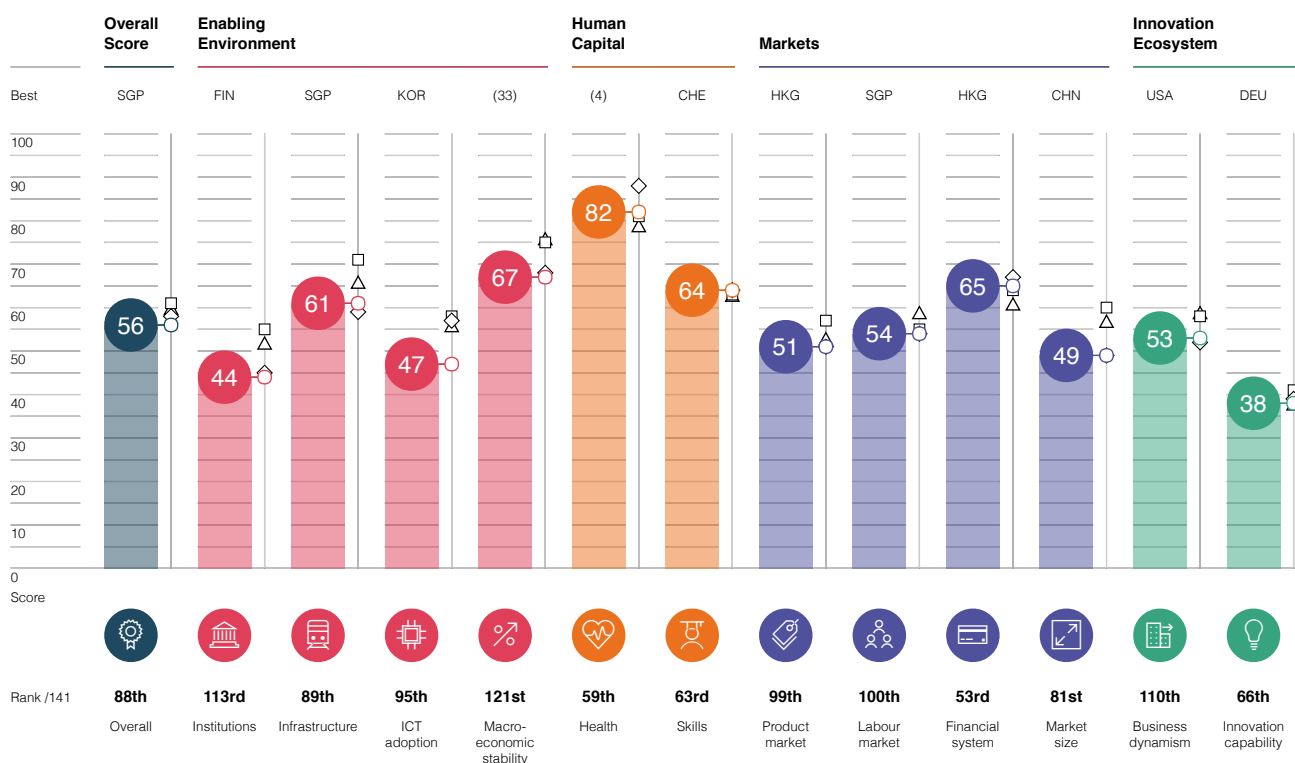


Global Competitiveness Index 4.0 2019 edition

Rank in 2018 edition: 80th/140

Performance Overview 2019

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





Selected contextual indicators

Population millions	6.1	GDP (PPP) % world GDP	0.07
GDP per capita US\$	9,257.3	5-year average FDI inward flow % GDP	5.0
10-year average annual GDP growth %	1.9		

Social and environmental performance

Environmental footprint gha/capita	2.3	Global Gender Gap Index 0-1 (gender parity)	0.6
Renewable energy consumption share %	3.6	Income Gini 0 (perfect equality) -100 (perfect inequality)	31.8
Unemployment rate %	6.2		

Index Component	Value	Score *	Rank/141	Best Performer
 1st pillar: Institutions 0–100	-	44.4 ↓	113	Finland
Security 0–100	-	69.5 ↓	96	Finland
1.01 Organized crime 1–7 (best)	4.1	50.9 ↓	102	Finland
1.02 Homicide rate per 100,000 pop.	4.0	88.1 ↓	85	Multiple (14)
1.03 Terrorism incidence 0 (very high) -100 (no incidence)	92.5	92.5 =	120	Multiple (25)
1.04 Reliability of police services 1–7 (best)	3.8	46.4 ↑	99	Finland
Social capital 0–100	-	46.9 ↑	100	New Zealand
1.05 Social capital 0–100 (best)	46.9	46.9 ↑	92	New Zealand
Checks and balances 0–100	-	33.4 ↓	131	Finland
1.06 Budget transparency 0–100 (best)	3	3.0	92	Multiple (2)
1.07 Judicial independence 1–7 (best)	3.1	34.6 ↑	98	Finland
1.08 Efficiency of legal framework in challenging regulations 1–7 (best)	2.7	28.5 ↑	110	Finland
1.09 Freedom of the press 0–100 (worst)	32.4	67.6 ↓	79	Norway
Public-sector performance 0–100	-	38.8 ↑	115	Singapore
1.10 Burden of government regulation 1–7 (best)	3.1	35.5 ↑	93	Singapore
1.11 Efficiency of legal framework in settling disputes 1–7 (best)	3.2	36.7 ↑	97	Singapore
1.12 E-Participation 0–1 (best)	0.44	44.4 =	108	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	-	47.5 ↓	89	Finland
1.14 Property rights 1–7 (best)	4.0	50.8 ↓	95	Finland
1.15 Intellectual property protection 1–7 (best)	3.3	38.5 ↓	120	Finland
1.16 Quality of land administration 0–30 (best)	16.0	53.3 =	70	Multiple (5)
Corporate governance 0–100	-	46.2 ↑	113	New Zealand
1.17 Strength of auditing and accounting standards 1–7 (best)	4.3	55.6 ↑	92	Finland
1.18 Conflict of interest regulation 0–10 (best)	5.0	50.0 =	97	Kenya
1.19 Shareholder governance 0–10 (best)	3.3	33.0 =	127	Kazakhstan
Future orientation of government 0–100	-	44.8	109	Luxembourg
1.20 Government ensuring policy stability 1–7 (best)	2.9	32.3	122	Switzerland
1.21 Government's responsiveness to change 1–7 (best)	2.7	28.0	125	Singapore
1.22 Legal framework's adaptability to digital business models 1–7 (best)	3.0	32.8	116	United States
1.23 Government long-term vision 1–7 (best)	2.5	25.5	128	Singapore
1.24 Energy efficiency regulation 0–100 (best)	51.5	51.5	52	Italy
1.25 Renewable energy regulation 0–100 (best)	56.0	56.0	51	Germany
1.26 Environment-related treaties in force count (out of 29)	21	72.4	79	Multiple (6)
 2nd pillar: Infrastructure 0–100	-	61.3 ↑	89	Singapore
Transport infrastructure 0–100	-	49.5 ↑	70	Singapore
2.01 Road connectivity 0–100 (best)	73.5	73.5 ↑	77	Multiple (3)
2.02 Quality of road infrastructure 1–7 (best)	2.6	26.6 ↓	127	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	48,359.6	51.4 =	64	Multiple (8)
2.06 Efficiency of air transport services 1–7 (best)	4.3	54.4 ↑	91	Singapore
2.07 Liner shipping connectivity 0–100 (best)	47.2	47.2 ↑	37	Multiple (5)
2.08 Efficiency of seaport services 1–7 (best)	3.6	44.1 ↑	90	Singapore
Utility infrastructure 0–100	-	73.0 ↓	99	Iceland
2.09 Electricity access % of population	99.9	99.9 ↓	70	Multiple (67)
2.10 Electricity supply quality % of output	10.4	93.3 ↓	66	Multiple (10)
2.11 Exposure to unsafe drinking water % of population	27.3	74.2 ↓	87	Multiple (28)
2.12 Reliability of water supply 1–7 (best)	2.5	24.7 ↑	132	Iceland

Index Component	Value	Score *	Rank/141	Best Performer
 3rd pillar: ICT adoption 0–100	-	46.7 ↓	95	Korea, Rep.
3.01 Mobile-cellular telephone subscriptions per 100 pop.	64.5	53.7 ↓	129	Multiple (63)
3.02 Mobile-broadband subscriptions per 100 pop.	45.2	N/Appl.	108	United Arab Emirates
3.03 Fixed-broadband Internet subscriptions per 100 pop.	0.1	0.3 ↓	128	Switzerland
3.04 Fibre internet subscriptions per 100 pop.	n/a	N/Appl.	n/a	Korea, Rep.
3.05 Internet users % of adult population	78.2	78.2 ↑	48	Qatar
 4th pillar: Macroeconomic stability 0–100	-	66.5 ↓	121	Multiple (33)
4.01 Inflation %	5.3	96.5 ↓	109	Multiple (88)
4.02 Debt dynamics 0–100 (best)	36.6	36.6 ↑	137	Multiple (34)
 5th pillar: Health 0–100	-	82.0 ↓	59	Multiple (4)
5.01 Healthy life expectancy years	66.3	82.0 ↓	58	Multiple (4)
 6th pillar: Skills 0–100	-	64.2 ↑	63	Switzerland
Current workforce 0–100	-	59.9 ↑	60	Switzerland
6.01 Mean years of schooling years	9.3	62.0 =	74	Germany
Skills of current workforce 0–100	-	57.8 ↑	40	Switzerland
6.02 Extent of staff training 1–7 (best)	3.8	46.9 ↑	89	Switzerland
6.03 Quality of vocational training 1–7 (best)	3.6	43.1 ↑	107	Switzerland
6.04 Skillset of graduates 1–7 (best)	4.8	63.6 ↓	24	Switzerland
6.05 Digital skills among active population 1–7 (best)	5.0	67.5 ↓	23	Finland
6.06 Ease of finding skilled employees 1–7 (best)	5.1	67.9 ↑	10	United States
Future workforce 0–100	-	68.6 ↑	73	Denmark
6.07 School life expectancy years	11.3	62.7 ↑	97	Multiple (11)
Skills of future workforce 0–100	-	74.4 ↓	22	Denmark
6.08 Critical thinking in teaching 1–7 (best)	4.3	55.1 ↓	26	Finland
6.09 Pupil-to-teacher ratio in primary education ratio	12.5	93.8 ↓	30	Multiple (5)
 7th pillar: Product market 0–100	-	51.2 ↑	99	Hong Kong SAR
Domestic competition 0–100	-	48.8 ↑	92	Hong Kong SAR
7.01 Distortive effect of taxes and subsidies on competition 1–7 (best)	3.2	37.5 ↑	110	Singapore
7.02 Extent of market dominance 1–7 (best)	3.9	47.5 ↑	60	Switzerland
7.03 Competition in services 1–7 (best)	4.7	61.5 ↓	93	Hong Kong SAR
Trade openness 0–100	-	53.6 ↓	96	Singapore
7.04 Prevalence of non-tariff barriers 1–7 (best)	3.9	48.9 ↓	120	Singapore
7.05 Trade tariffs %	4.72	68.5 ↑	62	Hong Kong SAR
7.06 Complexity of tariffs 1–7 (best)	4.7	62.3 ↓	96	Hong Kong SAR
7.07 Border clearance efficiency 1–5 (best)	2.4	34.6 =	106	Germany
 8th pillar: Labour market 0–100	-	54.4 ↑	100	Singapore
Flexibility 0–100	-	57.2 ↑	73	Singapore
8.01 Redundancy costs weeks of salary	8.7	90.2 ↓	21	Multiple (8)
8.02 Hiring and firing practices 1–7 (best)	3.9	48.5 ↑	67	Hong Kong SAR
8.03 Cooperation in labour-employer relations 1–7 (best)	4.1	51.5 ↓	106	Singapore
8.04 Flexibility of wage determination 1–7 (best)	4.8	64.0 ↓	78	Estonia
8.05 Active labour market policies 1–7 (best)	2.2	20.1 ↑	123	Switzerland
8.06 Workers' rights 0–100 (best)	72.0	72.0 ↑	65	Multiple (2)
8.07 Ease of hiring foreign labour 1–7 (best)	3.8	47.5 ↓	94	Albania
8.08 Internal labour mobility 1–7 (best)	4.8	64.1 ↑	41	United States
Meritocracy and incentivization 0–100	-	51.6 ↓	114	Denmark
8.09 Reliance on professional management 1–7 (best)	3.8	46.4 ↑	109	Finland
8.10 Pay and productivity 1–7 (best)	4.0	50.3 ↓	67	Hong Kong SAR
8.11 Ratio of wage and salaried female workers to male workers %	0.46	32.5 ↓	106	Multiple (4)
8.12 Labour tax rate %	24.5	77.1 ↓	105	Multiple (24)

Index Component	Value	Score *	Rank/141	Best Performer
 9th pillar: Financial system 0–100	-	64.7 ↓	53	Hong Kong SAR
Depth 0–100	-	47.1 ↓	54	United States
9.01 Domestic credit to private sector % GDP	103.1	100.0 =	26	Multiple (30)
9.02 Financing of SMEs 1–7 (best)	3.8	47.3 ↓	79	Finland
9.03 Venture capital availability 1–7 (best)	3.3	37.6 ↓	62	United States
9.04 Market capitalization % GDP	22.6	22.6 ↓	74	Multiple (15)
9.05 Insurance premium volume to GDP	1.7	28.1 ↓	68	Multiple (17)
Stability 0–100	-	86.7 ↓	80	Finland
9.06 Soundness of banks 1–7 (best)	5.0	66.3 ↓	73	Finland
9.07 Non-performing loans % of gross total loans	5.7	89.6 ↓	79	Multiple (3)
9.08 Credit gap %	4.9	92.4 ↓	125	Multiple (98)
9.09 Banks' regulatory capital ratio % of total risk-weighted assets	16.3	98.6 ↑	85	Multiple (74)
 10th pillar: Market size 0–100	-	48.6 ↓	81	China
10.01 Gross domestic product PPP \$ billions	80	N/Appl.	84	China
10.02 Imports of goods and services % GDP	61.6	N/Appl.	35	Hong Kong SAR
 11th pillar: Business dynamism 0–100	-	53.0 ↑	110	United States
Administrative requirements 0–100	-	56.1 ↑	119	United States
11.01 Cost of starting a business % of GNI per capita	40.0	80.0 ↑	123	Multiple (2)
11.02 Time to start a business days	15.0	85.4 =	85	New Zealand
11.03 Insolvency recovery rate cents to the dollar	31.7	34.1 ↑	85	Japan
11.04 Insolvency regulatory framework 0–16 (best)	4.0	25.0 =	129	Multiple (6)
Entrepreneurial culture 0–100	-	49.9 ↑	74	Israel
11.05 Attitudes towards entrepreneurial risk 1–7 (best)	4.2	52.9 ↓	57	Israel
11.06 Willingness to delegate authority 1–7 (best)	4.1	52.2 ↑	91	Denmark
11.07 Growth of innovative companies 1–7 (best)	4.0	50.7 ↑	74	Israel
11.08 Companies embracing disruptive ideas 1–7 (best)	3.6	43.6 ↓	73	Israel
 12th pillar: Innovation capability 0–100	-	38.5 ↓	66	Germany
Interaction and diversity 0–100	-	40.6 ↑	67	Singapore
12.01 Diversity of workforce 1–7 (best)	4.1	52.3 ↑	101	Singapore
12.02 State of cluster development 1–7 (best)	3.9	48.8 ↑	56	Italy
12.03 International co-inventions per million pop.	0.75	17.2 ↓	53	Multiple (5)
12.04 Multi-stakeholder collaboration 1–7 (best)	3.6	44.0 ↑	78	Israel
Research and development 0–100	-	27.4 ↓	63	Japan
12.05 Scientific publications score	172.3	76.3 ↑	63	Multiple (9)
12.06 Patent applications per million pop.	1.65	17.9 ↓	61	Multiple (8)
12.07 R&D expenditures % GDP	n/a	12.4 ↓	n/a	Multiple (7)
12.08 Research institutions prominence 0–100 (best)	0.01	3.1 ↑	65	Multiple (7)
Commercialization 0–100	-	56.4 ↓	67	Luxembourg
12.09 Buyer sophistication 1–7 (best)	3.6	43.2 ↑	72	Korea, Rep.
12.10 Trademark applications per million pop.	642.68	69.6 ↓	63	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/>