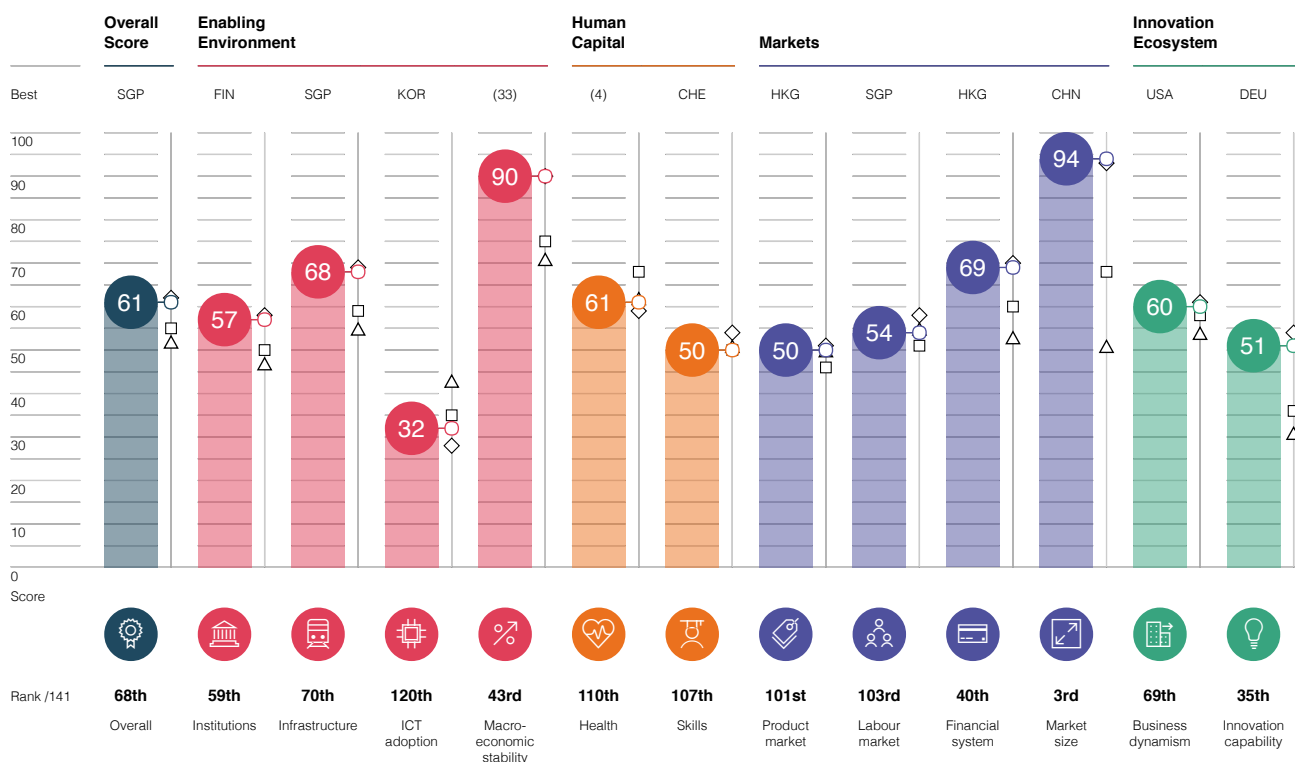


Global Competitiveness Index 4.0 2019 edition

Rank in 2018 edition: 58th/140

Performance Overview 2019 Key ◇ Previous edition ▲ Lower-middle-income group average □ South Asia average





Selected contextual indicators

Population millions	1,334.2	GDP (PPP) % world GDP	7.77
GDP per capita US\$	2,036.2	5-year average FDI inward flow % GDP	1.8
10-year average annual GDP growth %	6.4		

Social and environmental performance

Environmental footprint gha/capita	0.6	Global Gender Gap Index 0-1 (gender parity)	0.7
Renewable energy consumption share %	36.0	Income Gini 0 (perfect equality) -100 (perfect inequality)	35.7
Unemployment rate %	2.6		

Index Component	Value	Score *	Rank/141	Best Performer
 1st pillar: Institutions 0–100	-	56.8 ↓	59	Finland
Security 0–100	-	56.4 ↓	124	Finland
1.01 Organized crime 1–7 (best)	4.3	55.0 ↓	91	Finland
1.02 Homicide rate per 100,000 pop.	3.2	90.8 ↑	81	Multiple (14)
1.03 Terrorism incidence 0 (very high) -100 (no incidence)	26.3	26.3 =	138	Multiple (25)
1.04 Reliability of police services 1–7 (best)	4.2	53.4 ↓	77	Finland
Social capital 0–100	-	46.8 ↓	101	New Zealand
1.05 Social capital 0–100 (best)	46.8	46.8 ↓	93	New Zealand
Checks and balances 0–100	-	51.9 ↓	54	Finland
1.06 Budget transparency 0–100 (best)	48	48.0	51	Multiple (2)
1.07 Judicial independence 1–7 (best)	4.3	54.8 ↓	51	Finland
1.08 Efficiency of legal framework in challenging regulations 1–7 (best)	4.0	50.3 ↓	39	Finland
1.09 Freedom of the press 0–100 (worst)	45.7	54.3 ↓	114	Norway
Public-sector performance 0–100	-	66.4 ↓	25	Singapore
1.10 Burden of government regulation 1–7 (best)	4.1	51.8 ↓	26	Singapore
1.11 Efficiency of legal framework in settling disputes 1–7 (best)	4.1	51.8 ↓	53	Singapore
1.12 E-Participation 0–1 (best)	0.96	95.5 =	15	Multiple (3)
Transparency 0–100	-	41.0 ↑	66	Denmark
1.13 Incidence of corruption 0–100 (best)	41.0	41.0 ↑	66	Denmark
Property rights 0–100	-	47.8 ↓	87	Finland
1.14 Property rights 1–7 (best)	4.4	56.9 ↓	65	Finland
1.15 Intellectual property protection 1–7 (best)	4.4	57.4 ↓	57	Finland
1.16 Quality of land administration 0–30 (best)	8.7	29.0 ↑	112	Multiple (5)
Corporate governance 0–100	-	74.2 ↑	15	New Zealand
1.17 Strength of auditing and accounting standards 1–7 (best)	4.7	62.5 ↑	67	Finland
1.18 Conflict of interest regulation 0–10 (best)	7.3	73.0 =	21	Kenya
1.19 Shareholder governance 0–10 (best)	8.7	87.0 =	2	Kazakhstan
Future orientation of government 0–100	-	69.7	15	Luxembourg
1.20 Government ensuring policy stability 1–7 (best)	4.5	58.6	42	Switzerland
1.21 Government's responsiveness to change 1–7 (best)	4.4	55.9	33	Singapore
1.22 Legal framework's adaptability to digital business models 1–7 (best)	4.5	58.9	25	United States
1.23 Government long-term vision 1–7 (best)	4.6	60.0	31	Singapore
1.24 Energy efficiency regulation 0–100 (best)	66.4	66.4	33	Italy
1.25 Renewable energy regulation 0–100 (best)	87.3	87.3	3	Germany
1.26 Environment-related treaties in force count (out of 29)	26	89.7	17	Multiple (6)
 2nd pillar: Infrastructure 0–100	-	68.1 ↓	70	Singapore
Transport infrastructure 0–100	-	66.4 ↑	28	Singapore
2.01 Road connectivity 0–100 (best)	75.8	75.8 ↑	72	Multiple (3)
2.02 Quality of road infrastructure 1–7 (best)	4.5	58.6 ↑	48	Singapore
2.03 Railroad density km/1,000 km ²	22.7	56.6 ↑	39	Multiple (24)
2.04 Efficiency of train services 1–7 (best)	4.4	57.0 ↓	30	Japan
2.05 Airport connectivity score	1,224,525.6	100.0 =	4	Multiple (8)
2.06 Efficiency of air transport services 1–7 (best)	4.9	64.3 ↑	59	Singapore
2.07 Liner shipping connectivity 0–100 (best)	59.9	59.9 ↑	25	Multiple (5)
2.08 Efficiency of seaport services 1–7 (best)	4.5	59.1 ↓	49	Singapore
Utility infrastructure 0–100	-	69.8 ↓	103	Iceland
2.09 Electricity access % of population	87.5	87.5 ↑	105	Multiple (67)
2.10 Electricity supply quality % of output	17.6	85.8 ↑	108	Multiple (10)
2.11 Exposure to unsafe drinking water % of population	51.1	49.9 ↓	106	Multiple (28)
2.12 Reliability of water supply 1–7 (best)	4.4	55.9 ↓	96	Iceland

Index Component	Value	Score *	Rank/141	Best Performer
 3rd pillar: ICT adoption 0–100	-	32.1 ↑	120	Korea, Rep.
3.01 Mobile-cellular telephone subscriptions per 100 pop.	86.9	72.5 ↓	120	Multiple (63)
3.02 Mobile-broadband subscriptions per 100 pop.	37.5	N/Appl.	116	United Arab Emirates
3.03 Fixed-broadband Internet subscriptions per 100 pop.	1.3	2.7 ↑	110	Switzerland
3.04 Fibre internet subscriptions per 100 pop.	0.0	N/Appl.	102	Korea, Rep.
3.05 Internet users % of adult population	34.5	34.5 ↑	107	Qatar
 4th pillar: Macroeconomic stability 0–100	-	90.0 ↑	43	Multiple (33)
4.01 Inflation %	3.5	100.0 ↑	1	Multiple (88)
4.02 Debt dynamics 0–100 (best)	80.0	80.0 ↑	43	Multiple (34)
 5th pillar: Health 0–100	-	60.5 ↑	110	Multiple (4)
5.01 Healthy life expectancy years	59.4	60.5 ↑	109	Multiple (4)
 6th pillar: Skills 0–100	-	50.5 ↓	107	Switzerland
Current workforce 0–100	-	46.5 ↓	105	Switzerland
6.01 Mean years of schooling years	6.0	40.0 =	117	Germany
Skills of current workforce 0–100	-	52.9 ↓	64	Switzerland
6.02 Extent of staff training 1–7 (best)	4.3	55.1 ↓	50	Switzerland
6.03 Quality of vocational training 1–7 (best)	4.2	53.3 ↓	67	Switzerland
6.04 Skillset of graduates 1–7 (best)	3.8	46.2 ↓	93	Switzerland
6.05 Digital skills among active population 1–7 (best)	4.4	57.2 ↓	59	Finland
6.06 Ease of finding skilled employees 1–7 (best)	4.2	52.8 ↓	71	United States
Future workforce 0–100	-	54.5 ↓	108	Denmark
6.07 School life expectancy years	12.3	68.6 =	88	Multiple (11)
Skills of future workforce 0–100	-	40.3 ↓	114	Denmark
6.08 Critical thinking in teaching 1–7 (best)	3.6	43.6 ↓	55	Finland
6.09 Pupil-to-teacher ratio in primary education ratio	35.2	37.0 =	116	Multiple (5)
 7th pillar: Product market 0–100	-	50.4 ↓	101	Hong Kong SAR
Domestic competition 0–100	-	56.9 ↓	46	Hong Kong SAR
7.01 Distortive effect of taxes and subsidies on competition 1–7 (best)	4.0	49.7 ↓	57	Singapore
7.02 Extent of market dominance 1–7 (best)	4.2	53.8 ↓	38	Switzerland
7.03 Competition in services 1–7 (best)	5.0	67.2 ↑	66	Hong Kong SAR
Trade openness 0–100	-	43.9 ↑	131	Singapore
7.04 Prevalence of non-tariff barriers 1–7 (best)	4.5	57.6 ↓	66	Singapore
7.05 Trade tariffs %	14.43	3.8 ↑	134	Hong Kong SAR
7.06 Complexity of tariffs 1–7 (best)	4.9	65.0 ↓	87	Hong Kong SAR
7.07 Border clearance efficiency 1–5 (best)	3.0	49.1 =	41	Germany
 8th pillar: Labour market 0–100	-	53.9 ↓	103	Singapore
Flexibility 0–100	-	56.8 ↓	77	Singapore
8.01 Redundancy costs weeks of salary	15.7	75.6 ↑	69	Multiple (8)
8.02 Hiring and firing practices 1–7 (best)	4.2	52.6 ↓	42	Hong Kong SAR
8.03 Cooperation in labour-employer relations 1–7 (best)	4.5	58.4 ↓	65	Singapore
8.04 Flexibility of wage determination 1–7 (best)	4.8	62.8 ↑	88	Estonia
8.05 Active labour market policies 1–7 (best)	3.5	41.8 ↓	66	Switzerland
8.06 Workers' rights 0–100 (best)	58.0	58.0 ↑	112	Multiple (2)
8.07 Ease of hiring foreign labour 1–7 (best)	3.7	44.4 ↓	107	Albania
8.08 Internal labour mobility 1–7 (best)	4.7	61.0 ↓	57	United States
Meritocracy and incentivization 0–100	-	51.0 ↓	118	Denmark
8.09 Reliance on professional management 1–7 (best)	4.8	62.5 ↓	41	Finland
8.10 Pay and productivity 1–7 (best)	4.1	51.3 ↓	64	Hong Kong SAR
8.11 Ratio of wage and salaried female workers to male workers %	0.26	7.2 ↓	128	Multiple (4)
8.12 Labour tax rate %	20.3	82.9 ↑	93	Multiple (24)

Index Component	Value	Score *	Rank/141	Best Performer
 9th pillar: Financial system 0–100	-	69.5 ↓	40	Hong Kong SAR
Depth 0–100	-	58.6 ↑	34	United States
9.01 Domestic credit to private sector % GDP	50.4	53.0 ↓	70	Multiple (30)
9.02 Financing of SMEs 1–7 (best)	4.7	61.0 ↓	23	Finland
9.03 Venture capital availability 1–7 (best)	4.2	52.7 ↓	22	United States
9.04 Market capitalization % GDP	76.9	76.9 ↑	26	Multiple (15)
9.05 Insurance premium volume to GDP	3.0	49.4 ↑	41	Multiple (17)
Stability 0–100	-	83.0 ↓	103	Finland
9.06 Soundness of banks 1–7 (best)	4.6	60.4 ↓	89	Finland
9.07 Non-performing loans % of gross total loans	10.0	80.8 ↓	106	Multiple (3)
9.08 Credit gap %	-5.4	100.0 =	1	Multiple (98)
9.09 Banks' regulatory capital ratio % of total risk-weighted assets	12.8	90.9 ↑	131	Multiple (74)
 10th pillar: Market size 0–100	-	93.7 ↑	3	China
10.01 Gross domestic product PPP \$ billions	9,338	N/Appl.	3	China
10.02 Imports of goods and services % GDP	25.3	N/Appl.	117	Hong Kong SAR
 11th pillar: Business dynamism 0–100	-	60.0 ↓	69	United States
Administrative requirements 0–100	-	64.6 ↑	89	United States
11.01 Cost of starting a business % of GNI per capita	14.4	92.8 ↑	95	Multiple (2)
11.02 Time to start a business days	16.5	83.9 ↑	90	New Zealand
11.03 Insolvency recovery rate cents to the dollar	26.5	28.5 ↑	104	Japan
11.04 Insolvency regulatory framework 0–16 (best)	8.5	53.1 =	88	Multiple (6)
Entrepreneurial culture 0–100	-	55.5 ↓	41	Israel
11.05 Attitudes towards entrepreneurial risk 1–7 (best)	4.3	55.2 ↓	43	Israel
11.06 Willingness to delegate authority 1–7 (best)	4.3	55.7 ↓	71	Denmark
11.07 Growth of innovative companies 1–7 (best)	4.6	59.3 ↓	33	Israel
11.08 Companies embracing disruptive ideas 1–7 (best)	4.1	51.7 ↓	33	Israel
 12th pillar: Innovation capability 0–100	-	50.9 ↓	35	Germany
Interaction and diversity 0–100	-	43.4 ↓	52	Singapore
12.01 Diversity of workforce 1–7 (best)	4.3	55.8 ↓	80	Singapore
12.02 State of cluster development 1–7 (best)	4.3	54.3 ↓	38	Italy
12.03 International co-inventions per million pop.	0.39	10.1 ↑	59	Multiple (5)
12.04 Multi-stakeholder collaboration 1–7 (best)	4.2	53.3 ↓	36	Israel
Research and development 0–100	-	57.1 ↑	26	Japan
12.05 Scientific publications score	523.0	92.7 ↑	21	Multiple (9)
12.06 Patent applications per million pop.	1.50	16.8 ↑	63	Multiple (8)
12.07 R&D expenditures % GDP	0.6	20.7 ↓	52	Multiple (7)
12.08 Research institutions prominence 0–100 (best)	0.42	98.4 ↓	8	Multiple (7)
Commercialization 0–100	-	53.7 ↓	76	Luxembourg
12.09 Buyer sophistication 1–7 (best)	4.0	49.8 ↓	37	Korea, Rep.
12.10 Trademark applications per million pop.	209.34	57.5 ↑	94	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/>