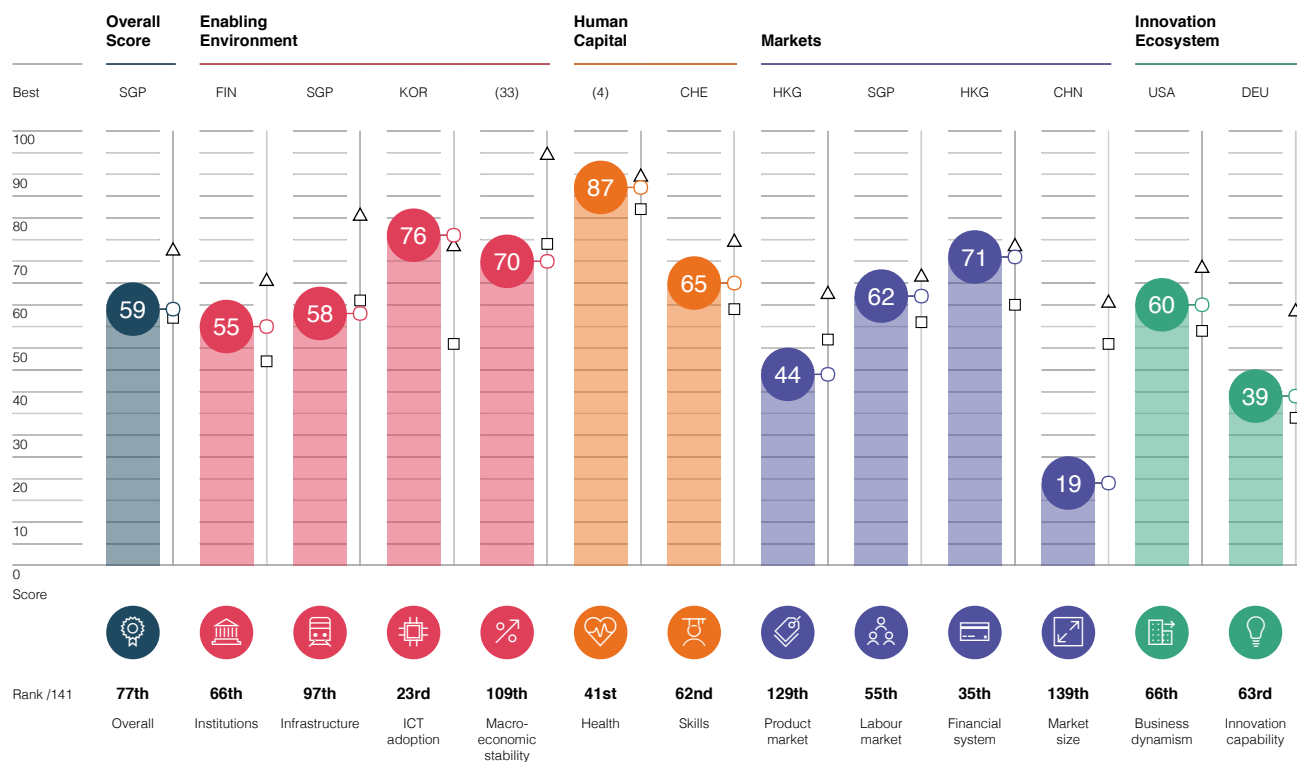


Global Competitiveness Index 4.0 2019 edition

Rank in edition: n/a

Performance Overview 2019

Key △ High-income group average □ Latin America and the Caribbean average









Selected contextual indicators

Population millions	0.3	GDP (PPP) % world GDP	0.00
GDP per capita US\$	17,961.2	5-year average FDI inward flow % GDP	5.9
10-year average annual GDP growth %	-0.1		

Social and environmental performance

Environmental footprint gha/capita	2.9	Unemployment rate %	9.6
Renewable energy consumption share %	2.8	Global Gender Gap Index 0-1 (gender parity)	0.8

Index Component	Value	Score *	Rank/141	Best Performer
 1st pillar: Institutions 0–100	-	55.2	66	Finland
Security 0–100	-	73.1	80	Finland
1.01 Organized crime 1–7 (best)	4.7	62.2	67	Finland
1.02 Homicide rate per 100,000 pop.	10.5	66.1	120	Multiple (14)
1.03 Terrorism incidence 0 (very high) -100 (no incidence)	100.0	100.0	1	Multiple (25)
1.04 Reliability of police services 1–7 (best)	4.8	64.0	53	Finland
Social capital 0–100	-	57.8	27	New Zealand
1.05 Social capital 0–100 (best)	n/a	57.8	n/a	New Zealand
Checks and balances 0–100	-	47.7	77	Finland
1.06 Budget transparency 0–100 (best)	n/a	34.4	n/a	Multiple (2)
1.07 Judicial independence 1–7 (best)	4.2	54.1	52	Finland
1.08 Efficiency of legal framework in challenging regulations 1–7 (best)	2.6	26.5	120	Finland
1.09 Freedom of the press 0–100 (worst)	n/a	75.9	n/a	Norway
Public-sector performance 0–100	-	40.2	109	Singapore
1.10 Burden of government regulation 1–7 (best)	3.0	32.6	109	Singapore
1.11 Efficiency of legal framework in settling disputes 1–7 (best)	2.5	25.7	127	Singapore
1.12 E-Participation 0–1 (best)	0.62	62.4	84	Multiple (3)
Transparency 0–100	-	68.0	25	Denmark
1.13 Incidence of corruption 0–100 (best)	68.0	68.0	25	Denmark
Property rights 0–100	-	49.9	82	Finland
1.14 Property rights 1–7 (best)	4.5	58.5	59	Finland
1.15 Intellectual property protection 1–7 (best)	4.2	52.8	66	Finland
1.16 Quality of land administration 0–30 (best)	11.5	38.3	94	Multiple (5)
Corporate governance 0–100	-	46.0	115	New Zealand
1.17 Strength of auditing and accounting standards 1–7 (best)	5.1	68.0	48	Finland
1.18 Conflict of interest regulation 0–10 (best)	3.7	37.0	130	Kenya
1.19 Shareholder governance 0–10 (best)	3.3	33.0	127	Kazakhstan
Future orientation of government 0–100	-	58.8	53	Luxembourg
1.20 Government ensuring policy stability 1–7 (best)	4.2	53.8	54	Switzerland
1.21 Government's responsiveness to change 1–7 (best)	3.9	48.0	60	Singapore
1.22 Legal framework's adaptability to digital business models 1–7 (best)	n/a	n/a	n/a	United States
1.23 Government long-term vision 1–7 (best)	5.2	69.3	14	Singapore
1.24 Energy efficiency regulation 0–100 (best)	n/a	58.1	n/a	Italy
1.25 Renewable energy regulation 0–100 (best)	n/a	61.2	n/a	Germany
1.26 Environment-related treaties in force count (out of 29)	18	62.1	119	Multiple (6)
 2nd pillar: Infrastructure 0–100	-	57.7	97	Singapore
Transport infrastructure 0–100	-	32.8	126	Singapore
2.01 Road connectivity 0–100 (best)	62.9	62.9	105	Multiple (3)
2.02 Quality of road infrastructure 1–7 (best)	3.2	36.0	111	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	5,392.7	26.0	114	Multiple (8)
2.06 Efficiency of air transport services 1–7 (best)	4.7	61.2	65	Singapore
2.07 Liner shipping connectivity 0–100 (best)	5.4	5.4	103	Multiple (5)
2.08 Efficiency of seaport services 1–7 (best)	n/a	n/a	n/a	Singapore
Utility infrastructure 0–100	-	82.6	77	Iceland
2.09 Electricity access % of population	100.0	100.0	2	Multiple (67)
2.10 Electricity supply quality % of output	n/a	86.3	n/a	Multiple (10)
2.11 Exposure to unsafe drinking water % of population	21.7	79.9	81	Multiple (28)
2.12 Reliability of water supply 1–7 (best)	4.9	64.3	70	Iceland

Index Component	Value	Score *	Rank/141	Best Performer
 3rd pillar: ICT adoption 0–100	-	76.4	23	Korea, Rep.
3.01 Mobile-cellular telephone subscriptions per 100 pop.	122.6	100.0	58	Multiple (63)
3.02 Mobile-broadband subscriptions per 100 pop.	44.2	N/Appl.	110	United Arab Emirates
3.03 Fixed-broadband Internet subscriptions per 100 pop.	34.1	68.2	20	Switzerland
3.04 Fibre internet subscriptions per 100 pop.	28.0	N/Appl.	2	Korea, Rep.
3.05 Internet users % of adult population	81.8	81.8	35	Qatar
 4th pillar: Macroeconomic stability 0–100	-	70.0	109	Multiple (33)
4.01 Inflation %	4.0	99.9	90	Multiple (88)
4.02 Debt dynamics 0–100 (best)	40.0	40.0	114	Multiple (34)
 5th pillar: Health 0–100	-	87.2	41	Multiple (4)
5.01 Healthy life expectancy years	67.9	87.2	40	Multiple (4)
 6th pillar: Skills 0–100	-	65.0	62	Switzerland
Current workforce 0–100	-	57.4	69	Switzerland
6.01 Mean years of schooling years	9.3	62.1	73	Germany
Skills of current workforce 0–100	-	52.7	65	Switzerland
6.02 Extent of staff training 1–7 (best)	4.1	52.0	57	Switzerland
6.03 Quality of vocational training 1–7 (best)	4.1	52.4	73	Switzerland
6.04 Skillset of graduates 1–7 (best)	4.1	51.0	72	Switzerland
6.05 Digital skills among active population 1–7 (best)	3.9	48.0	89	Finland
6.06 Ease of finding skilled employees 1–7 (best)	4.6	60.2	37	United States
Future workforce 0–100	-	72.5	60	Denmark
6.07 School life expectancy years	15.3	85.0	45	Multiple (11)
Skills of future workforce 0–100	-	60.1	67	Denmark
6.08 Critical thinking in teaching 1–7 (best)	2.8	30.5	117	Finland
6.09 Pupil-to-teacher ratio in primary education ratio	14.1	89.8	41	Multiple (5)
 7th pillar: Product market 0–100	-	43.8	129	Hong Kong SAR
Domestic competition 0–100	-	42.9	121	Hong Kong SAR
7.01 Distortive effect of taxes and subsidies on competition 1–7 (best)	3.4	40.7	100	Singapore
7.02 Extent of market dominance 1–7 (best)	2.7	28.0	135	Switzerland
7.03 Competition in services 1–7 (best)	4.6	60.0	102	Hong Kong SAR
Trade openness 0–100	-	44.6	129	Singapore
7.04 Prevalence of non-tariff barriers 1–7 (best)	4.9	65.6	30	Singapore
7.05 Trade tariffs %	14.47	3.5	135	Hong Kong SAR
7.06 Complexity of tariffs 1–7 (best)	4.9	65.1	85	Hong Kong SAR
7.07 Border clearance efficiency 1–5 (best)	n/a	44.2	n/a	Germany
 8th pillar: Labour market 0–100	-	62.0	55	Singapore
Flexibility 0–100	-	51.7	115	Singapore
8.01 Redundancy costs weeks of salary	16.2	74.6	74	Multiple (8)
8.02 Hiring and firing practices 1–7 (best)	2.8	29.9	131	Hong Kong SAR
8.03 Cooperation in labour-employer relations 1–7 (best)	4.1	51.7	105	Singapore
8.04 Flexibility of wage determination 1–7 (best)	4.8	63.7	79	Estonia
8.05 Active labour market policies 1–7 (best)	3.3	37.8	75	Switzerland
8.06 Workers' rights 0–100 (best)	84.0	84.0	29	Multiple (2)
8.07 Ease of hiring foreign labour 1–7 (best)	3.1	35.4	135	Albania
8.08 Internal labour mobility 1–7 (best)	3.2	36.4	131	United States
Meritocracy and incentivization 0–100	-	72.3	23	Denmark
8.09 Reliance on professional management 1–7 (best)	4.3	54.3	74	Finland
8.10 Pay and productivity 1–7 (best)	3.4	40.7	115	Hong Kong SAR
8.11 Ratio of wage and salaried female workers to male workers %	1.02	100.0	2	Multiple (4)
8.12 Labour tax rate %	12.3	94.0	42	Multiple (24)

Index Component	Value	Score *	Rank/141	Best Performer
 9th pillar: Financial system 0–100	-	71.3	35	Hong Kong SAR
Depth 0–100	-	57.6	35	United States
9.01 Domestic credit to private sector % GDP	n/a	69.4	n/a	Multiple (30)
9.02 Financing of SMEs 1–7 (best)	2.9	31.3	125	Finland
9.03 Venture capital availability 1–7 (best)	2.0	17.0	132	United States
9.04 Market capitalization % GDP	70.0	70.0	31	Multiple (15)
9.05 Insurance premium volume to GDP	8.5	100.0	7	Multiple (17)
Stability 0–100	-	88.6	66	Finland
9.06 Soundness of banks 1–7 (best)	5.4	74.0	49	Finland
9.07 Non-performing loans % of gross total loans	7.9	85.1	93	Multiple (3)
9.08 Credit gap %	n/a	96.0	116	Multiple (98)
9.09 Banks' regulatory capital ratio % of total risk-weighted assets	16.6	99.2	79	Multiple (74)
 10th pillar: Market size 0–100	-	18.9	139	China
10.01 Gross domestic product PPP \$ billions	5	N/Appl.	139	China
10.02 Imports of goods and services % GDP	40.7	N/Appl.	78	Hong Kong SAR
 11th pillar: Business dynamism 0–100	-	60.4	66	United States
Administrative requirements 0–100	-	80.3	38	United States
11.01 Cost of starting a business % of GNI per capita	7.3	96.3	77	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	65.8	70.8	32	Japan
11.04 Insolvency regulatory framework 0–16 (best)	11.0	68.8	49	Multiple (6)
Entrepreneurial culture 0–100	-	40.4	123	Israel
11.05 Attitudes towards entrepreneurial risk 1–7 (best)	3.3	39.1	125	Israel
11.06 Willingness to delegate authority 1–7 (best)	4.4	57.3	62	Denmark
11.07 Growth of innovative companies 1–7 (best)	3.3	38.3	131	Israel
11.08 Companies embracing disruptive ideas 1–7 (best)	2.6	27.0	140	Israel
 12th pillar: Innovation capability 0–100	-	39.1	63	Germany
Interaction and diversity 0–100	-	40.6	64	Singapore
12.01 Diversity of workforce 1–7 (best)	4.7	61.3	52	Singapore
12.02 State of cluster development 1–7 (best)	3.1	34.5	121	Italy
12.03 International co-inventions per million pop.	1.95	33.2	33	Multiple (5)
12.04 Multi-stakeholder collaboration 1–7 (best)	3.0	33.6	128	Israel
Research and development 0–100	-	23.1	84	Japan
12.05 Scientific publications score	76.3	64.4	115	Multiple (9)
12.06 Patent applications per million pop.	1.95	19.9	57	Multiple (8)
12.07 R&D expenditures % GDP	n/a	7.7	n/a	Multiple (7)
12.08 Research institutions prominence 0–100 (best)	0.00	0.4	114	Multiple (7)
Commercialization 0–100	-	67.9	36	Luxembourg
12.09 Buyer sophistication 1–7 (best)	3.5	41.3	79	Korea, Rep.
12.10 Trademark applications per million pop.	6,481.87	94.4	17	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/>