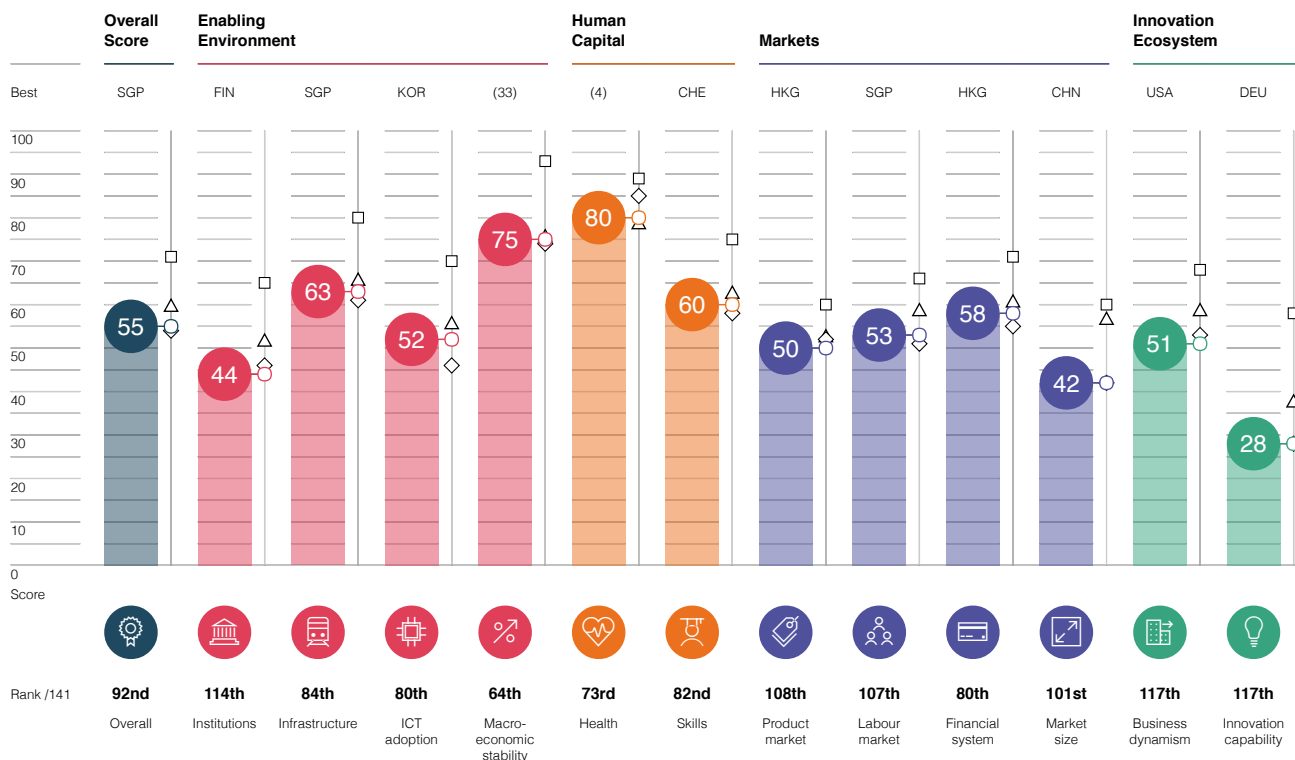


Global Competitiveness Index 4.0 2019 edition

Rank in 2018 edition: 91st/140

Performance Overview 2019

Key ◇ Previous edition △ Upper-middle-income group average □ Europe and North America average





Selected contextual indicators

Population millions	3.5	GDP (PPP) % world GDP	0.04
GDP per capita US\$	5,674.4	5-year average FDI inward flow % GDP	2.4
10-year average annual GDP growth %	1.7		

Social and environmental performance

Renewable energy consumption share %	40.8	Global Gender Gap Index 0-1 (gender parity)	0.7
Unemployment rate %	20.8	Income Gini 0 (perfect equality) -100 (perfect inequality)	33.0

Index Component	Value	Score *	Rank/141	Best Performer
 1st pillar: Institutions 0–100	-	44.4 ↓	114	Finland
Security 0–100	-	73.1 ↑	79	Finland
1.01 Organized crime 1–7 (best)	4.0	50.0 ↓	104	Finland
1.02 Homicide rate per 100,000 pop.	1.2	97.6 ↑	40	Multiple (14)
1.03 Terrorism incidence 0 (very high) -100 (no incidence)	99.9	99.9 =	64	Multiple (25)
1.04 Reliability of police services 1–7 (best)	3.7	45.0 ↑	102	Finland
Social capital 0–100	-	48.8 ↓	84	New Zealand
1.05 Social capital 0–100 (best)	n/a	48.8 ↓	n/a	New Zealand
Checks and balances 0–100	-	34.9 ↓	124	Finland
1.06 Budget transparency 0–100 (best)	35	35.0	70	Multiple (2)
1.07 Judicial independence 1–7 (best)	2.2	20.4 ↓	133	Finland
1.08 Efficiency of legal framework in challenging regulations 1–7 (best)	1.8	13.2 ↓	139	Finland
1.09 Freedom of the press 0–100 (worst)	29.0	71.0 ↓	52	Norway
Public-sector performance 0–100	-	26.4 ↑	137	Singapore
1.10 Burden of government regulation 1–7 (best)	2.1	18.4 ↓	137	Singapore
1.11 Efficiency of legal framework in settling disputes 1–7 (best)	2.1	17.6 ↓	139	Singapore
1.12 E-Participation 0–1 (best)	0.43	43.3 =	110	Multiple (3)
Transparency 0–100	-	38.0 =	77	Denmark
1.13 Incidence of corruption 0–100 (best)	38.0	38.0 =	77	Denmark
Property rights 0–100	-	37.5 ↑	122	Finland
1.14 Property rights 1–7 (best)	3.3	37.5 ↓	131	Finland
1.15 Intellectual property protection 1–7 (best)	2.9	31.8 ↓	134	Finland
1.16 Quality of land administration 0–30 (best)	13.0	43.3 ↑	89	Multiple (5)
Corporate governance 0–100	-	54.1 ↑	94	New Zealand
1.17 Strength of auditing and accounting standards 1–7 (best)	3.7	45.2 ↑	123	Finland
1.18 Conflict of interest regulation 0–10 (best)	4.7	47.0 =	106	Kenya
1.19 Shareholder governance 0–10 (best)	7.0	70.0 =	28	Kazakhstan
Future orientation of government 0–100	-	42.2	118	Luxembourg
1.20 Government ensuring policy stability 1–7 (best)	2.3	21.0	137	Switzerland
1.21 Government's responsiveness to change 1–7 (best)	2.0	17.2	139	Singapore
1.22 Legal framework's adaptability to digital business models 1–7 (best)	2.4	22.9	132	United States
1.23 Government long-term vision 1–7 (best)	1.9	14.6	138	Singapore
1.24 Energy efficiency regulation 0–100 (best)	n/a	71.4	n/a	Italy
1.25 Renewable energy regulation 0–100 (best)	n/a	69.6	n/a	Germany
1.26 Environment-related treaties in force count (out of 29)	16	55.2	132	Multiple (6)
 2nd pillar: Infrastructure 0–100	-	63.0 ↑	84	Singapore
Transport infrastructure 0–100	-	39.8 ↑	108	Singapore
2.01 Road connectivity 0–100 (best)	66.8	66.8 ↑	92	Multiple (3)
2.02 Quality of road infrastructure 1–7 (best)	2.8	30.8 ↑	121	Singapore
2.03 Railroad density km/1,000 km ²	19.9	49.7 ↑	41	Multiple (24)
2.04 Efficiency of train services 1–7 (best)	2.2	19.5 ↑	89	Japan
2.05 Airport connectivity score	8,944.1	30.9 =	98	Multiple (8)
2.06 Efficiency of air transport services 1–7 (best)	3.5	41.2 ↑	121	Singapore
2.07 Liner shipping connectivity 0–100 (best)	n/a	n/a	n/a	Multiple (5)
2.08 Efficiency of seaport services 1–7 (best)	2.1	17.9 ↑	133	Singapore
Utility infrastructure 0–100	-	86.2 ↑	67	Iceland
2.09 Electricity access % of population	100.0	100.0 =	2	Multiple (67)
2.10 Electricity supply quality % of output	9.7	94.1 ↑	58	Multiple (10)
2.11 Exposure to unsafe drinking water % of population	7.2	94.7 ↑	49	Multiple (28)
2.12 Reliability of water supply 1–7 (best)	4.4	56.1 ↑	94	Iceland

Index Component	Value	Score *	Rank/141	Best Performer
 3rd pillar: ICT adoption 0–100	-	51.6 ↑	80	Korea, Rep.
3.01 Mobile-cellular telephone subscriptions per 100 pop.	104.1	86.8 ↑	92	Multiple (63)
3.02 Mobile-broadband subscriptions per 100 pop.	55.4	N/Appl.	97	United Arab Emirates
3.03 Fixed-broadband Internet subscriptions per 100 pop.	20.9	41.7 ↑	50	Switzerland
3.04 Fibre internet subscriptions per 100 pop.	0.1	N/Appl.	100	Korea, Rep.
3.05 Internet users % of adult population	70.1	70.1 ↑	67	Qatar
 4th pillar: Macroeconomic stability 0–100	-	75.0 ↑	64	Multiple (33)
4.01 Inflation %	1.3	100.0 ↑	1	Multiple (88)
4.02 Debt dynamics 0–100 (best)	50.0	50.0 =	64	Multiple (34)
 5th pillar: Health 0–100	-	80.3 ↓	73	Multiple (4)
5.01 Healthy life expectancy years	65.7	80.3 ↓	72	Multiple (4)
 6th pillar: Skills 0–100	-	60.0 ↑	82	Switzerland
Current workforce 0–100	-	51.1 ↑	92	Switzerland
6.01 Mean years of schooling years	9.7	64.6 ↑	67	Germany
Skills of current workforce 0–100	-	37.6 ↓	134	Switzerland
6.02 Extent of staff training 1–7 (best)	3.1	34.9 ↑	133	Switzerland
6.03 Quality of vocational training 1–7 (best)	3.1	35.0 ↓	134	Switzerland
6.04 Skillset of graduates 1–7 (best)	3.1	35.0 ↓	135	Switzerland
6.05 Digital skills among active population 1–7 (best)	3.7	45.0 ↓	102	Finland
6.06 Ease of finding skilled employees 1–7 (best)	3.3	38.2 ↑	131	United States
Future workforce 0–100	-	68.8 ↑	72	Denmark
6.07 School life expectancy years	n/a	84.3 ↑	n/a	Multiple (11)
Skills of future workforce 0–100	-	53.3 ↑	85	Denmark
6.08 Critical thinking in teaching 1–7 (best)	2.5	24.6 ↑	133	Finland
6.09 Pupil-to-teacher ratio in primary education ratio	17.2	82.0 ↑	60	Multiple (5)
 7th pillar: Product market 0–100	-	49.6 ↓	108	Hong Kong SAR
Domestic competition 0–100	-	42.1 ↓	124	Hong Kong SAR
7.01 Distortive effect of taxes and subsidies on competition 1–7 (best)	3.1	34.9 ↑	119	Singapore
7.02 Extent of market dominance 1–7 (best)	3.2	37.4 ↑	111	Switzerland
7.03 Competition in services 1–7 (best)	4.2	54.0 ↓	125	Hong Kong SAR
Trade openness 0–100	-	57.1 ↓	74	Singapore
7.04 Prevalence of non-tariff barriers 1–7 (best)	4.7	61.9 ↑	41	Singapore
7.05 Trade tariffs %	5.11	65.9 ↑	66	Hong Kong SAR
7.06 Complexity of tariffs 1–7 (best)	4.6	59.9 ↓	98	Hong Kong SAR
7.07 Border clearance efficiency 1–5 (best)	2.6	40.8 =	69	Germany
 8th pillar: Labour market 0–100	-	53.3 ↑	107	Singapore
Flexibility 0–100	-	52.6 ↓	107	Singapore
8.01 Redundancy costs weeks of salary	9.2	89.2 ↑	24	Multiple (8)
8.02 Hiring and firing practices 1–7 (best)	2.9	31.1 ↓	130	Hong Kong SAR
8.03 Cooperation in labour-employer relations 1–7 (best)	3.5	42.0 ↓	133	Singapore
8.04 Flexibility of wage determination 1–7 (best)	5.2	70.8 ↓	48	Estonia
8.05 Active labour market policies 1–7 (best)	2.8	30.2 ↑	100	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)	3.2	37.4 ↑	134	Albania
8.08 Internal labour mobility 1–7 (best)	3.8	46.9 ↓	119	United States
Meritocracy and incentivization 0–100	-	53.9 ↑	106	Denmark
8.09 Reliance on professional management 1–7 (best)	3.2	37.5 ↑	132	Finland
8.10 Pay and productivity 1–7 (best)	3.3	38.9 ↑	121	Hong Kong SAR
8.11 Ratio of wage and salaried female workers to male workers %	0.58	47.1 ↑	88	Multiple (4)
8.12 Labour tax rate %	13.6	92.2 ↓	59	Multiple (24)

Index Component	Value	Score *	Rank/141	Best Performer
 9th pillar: Financial system 0–100	-	57.9 ↑	80	Hong Kong SAR
Depth 0–100	-	35.9 ↑	79	United States
9.01 Domestic credit to private sector % GDP	53.7	56.6 ↓	65	Multiple (30)
9.02 Financing of SMEs 1–7 (best)	3.5	40.9 ↑	106	Finland
9.03 Venture capital availability 1–7 (best)	2.3	22.3 ↑	117	United States
9.04 Market capitalization % GDP	28.0	28.0 ↑	66	Multiple (15)
9.05 Insurance premium volume to GDP	1.9	31.9 ↑	60	Multiple (17)
Stability 0–100	-	85.3 ↑	87	Finland
9.06 Soundness of banks 1–7 (best)	4.8	63.4 ↑	81	Finland
9.07 Non-performing loans % of gross total loans	10.0	80.7 ↑	108	Multiple (3)
9.08 Credit gap %	-4.2	100.0 =	1	Multiple (98)
9.09 Banks' regulatory capital ratio % of total risk-weighted assets	15.5	96.9 ↓	96	Multiple (74)
 10th pillar: Market size 0–100	-	42.3 ↑	101	China
10.01 Gross domestic product PPP \$ billions	42	N/Appl.	101	China
10.02 Imports of goods and services % GDP	63.4	N/Appl.	32	Hong Kong SAR
 11th pillar: Business dynamism 0–100	-	51.1 ↓	117	United States
Administrative requirements 0–100	-	61.8 ↓	102	United States
11.01 Cost of starting a business % of GNI per capita	14.9	92.6 ↓	100	Multiple (2)
11.02 Time to start a business days	81.0	19.1 ↓	137	New Zealand
11.03 Insolvency recovery rate cents to the dollar	38.9	41.9 ↑	64	Japan
11.04 Insolvency regulatory framework 0–16 (best)	15.0	93.8 =	1	Multiple (6)
Entrepreneurial culture 0–100	-	40.4 ↑	125	Israel
11.05 Attitudes towards entrepreneurial risk 1–7 (best)	3.5	41.1 ↓	119	Israel
11.06 Willingness to delegate authority 1–7 (best)	3.6	42.5 ↑	129	Denmark
11.07 Growth of innovative companies 1–7 (best)	3.4	39.6 ↑	127	Israel
11.08 Companies embracing disruptive ideas 1–7 (best)	3.3	38.4 ↑	110	Israel
 12th pillar: Innovation capability 0–100	-	28.4 ↑	117	Germany
Interaction and diversity 0–100	-	29.4 ↓	129	Singapore
12.01 Diversity of workforce 1–7 (best)	3.9	48.6 ↑	117	Singapore
12.02 State of cluster development 1–7 (best)	3.0	33.6 ↓	125	Italy
12.03 International co-inventions per million pop.	0.15	4.3 ↓	75	Multiple (5)
12.04 Multi-stakeholder collaboration 1–7 (best)	2.9	31.0 ↓	137	Israel
Research and development 0–100	-	20.2 ↑	106	Japan
12.05 Scientific publications score	80.3	65.1 ↑	114	Multiple (9)
12.06 Patent applications per million pop.	0.53	7.8 ↑	77	Multiple (8)
12.07 R&D expenditures % GDP	0.2	6.7 ↓	93	Multiple (7)
12.08 Research institutions prominence 0–100 (best)	0.00	1.1 ↑	88	Multiple (7)
Commercialization 0–100	-	42.6 ↑	112	Luxembourg
12.09 Buyer sophistication 1–7 (best)	2.5	24.9 ↑	133	Korea, Rep.
12.10 Trademark applications per million pop.	272.63	60.4 ↑	89	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/>