

Global Competitiveness Index 4.0 2018 edition

Rank in 2017 edition: 131st/135

**Performance Overview 2018** Key ◇ Previous edition △ Low income group average □ Sub-Saharan Africa average









## Selected contextual indicators

Population millions	7.4	GDP (PPP) % world GDP	0.01
GDP per capita US\$	491.5	Unemployment rate %	4.5
10-year average annual GDP growth %	4.4	5-year average FDI inward flow % GDP	10.0

## Social and environmental performance

Environmental footprint gha/capita	1.2	Income Gini 0 (perfect equality) -100 (perfect inequality)	34.0
Inclusive Development Index 1-7 (best)	3.0		

Index Component	Value	Score *	Rank/140	Best Performer
 <b>Pillar 1: Institutions</b> 0-100 (best)	-	<b>46.9</b> ↑	<b>106</b>	<b>New Zealand</b>
1.01 Organized crime 1-7 (best)	3.9	48.5 ↓	113	Finland
1.02 Homicide rate /100,000 pop.	1.7	95.9 =	55	Multiple (9)
1.03 Terrorism incidence 0 (very high) -100 (no incidence)	99.9	99.9 ↓	65	Multiple (24)
1.04 Reliability of police services 1-7 (best)	3.5	42.2 ↑	106	Finland
1.05 Social capital 0-100 (high)	55.7	55.7 ↑	34	Australia
1.06 Budget transparency 0-100 (best)	34.6	34.6 =	116	Multiple (2)
1.07 Judicial independence 1-7 (best)	3.2	36.9 ↑	94	Finland
1.08 Efficiency of legal framework in challenging regulations 1-7 (best)	2.9	31.5 ↑	94	Finland
1.09 Freedom of the press 0-100 (worst)	30.0	70.0 ↑	64	Norway
1.10 Burden of government regulation 1-7 (best)	3.4	40.7 ↑	68	Singapore
1.11 Efficiency of legal framework in settling disputes 1-7 (best)	3.5	40.9 ↑	83	Singapore
1.12 E-Participation Index 0-1 (best)	0.41	41.0 ↑	113	Multiple (3)
1.13 Future orientation of government 1-7 (best)	3.3	38.4 ↑	94	Singapore
1.14 Incidence of corruption 0-100 (best)	30.0	30.0 =	109	New Zealand
1.15 Property rights 1-7 (best)	3.8	46.5 ↑	109	Finland
1.16 Intellectual property protection 1-7 (best)	3.6	43.1 ↑	103	Finland
1.17 Quality of land administration 0-30 (best)	6.5	21.7 =	128	Singapore
1.18 Strength of auditing and reporting standards 1-7 (best)	3.4	40.3 ↓	130	Finland
1.19 Conflict of interest regulation 0-10 (best)	6.7	67.0 =	32	Multiple (2)
1.20 Shareholder governance 0-10 (best)	4.3	43.0 =	100	Kazakhstan
 <b>Pillar 2: Infrastructure</b> 0-100 (best)	-	<b>36.3</b> ↑	<b>133</b>	<b>Singapore</b>
2.01 Road connectivity index 0-100 (best)	57.4	57.4 =	82	United States
2.02 Quality of roads 1-7 (best)	3.6	42.8 ↑	87	Singapore
2.03 Railroad density km of roads/square km	n/a	n/a	n/a	Multiple (20)
2.04 Efficiency of train services 1-7 (best)	2.3	21.1 ↓	106	Switzerland
2.05 Airport connectivity score	133.6	4.8 ↓	139	Multiple (8)
2.06 Efficiency of air transport services 1-7 (best)	2.9	31.3 ↓	133	Singapore
2.07 Liner Shipping Connectivity Index 0-157.1 (best)	8.3	8.3 ↑	92	Multiple (4)
2.08 Efficiency of seaport services 1-7 (best)	3.0	33.9 ↓	108	Singapore
2.09 Electrification rate % pop.	8.9	8.9 ↓	139	Multiple (66)
2.10 Electric power transmission and distribution losses % output	n/a	77.0 ↓	n/a	Multiple (9)
2.11 Exposure to unsafe drinking water % pop.	45.1	56.0 ↑	137	Multiple (23)
2.12 Reliability of water supply 1-7 (best)	2.8	29.2 ↑	122	Switzerland
 <b>Pillar 3: ICT adoption</b> 0-100 (best)	-	<b>22.4</b> ↑	<b>130</b>	<b>Korea, Rep.</b>
3.01 Mobile-cellular telephone subscriptions /100 pop.	84.9	70.7 =	116	Multiple (68)
3.02 Mobile-broadband subscriptions /100 pop.	20.4	n/a	125	United Arab Emirates
3.03 Fixed-broadband Internet subscriptions /100 pop.	0.0	0.0	140	Switzerland
3.04 Fibre Internet subscriptions /100 pop.	n/a	n/a	n/a	Korea, Rep.
3.05 Internet users % pop.	11.8	11.8 ↑	133	Iceland
 <b>Pillar 4: Macroeconomic stability</b> 0-100 (best)	-	<b>52.3</b> ↓	<b>134</b>	<b>Multiple (31)</b>
4.01 Inflation annual % change	14.8	70.1 ↓	131	Multiple (74)
4.02 Debt dynamics 0-100 (best)	34.5	34.5 ↓	132	Multiple (36)
 <b>Pillar 5: Health</b> 0-100 (best)	-	<b>36.3</b> ↑	<b>137</b>	<b>Multiple (4)</b>
5.01 Healthy life expectancy years	51.6	36.3 ↑	136	Multiple (4)
 <b>Pillar 6: Skills</b> 0-100 (best)	-	<b>38.1</b> ↓	<b>128</b>	<b>Finland</b>
6.01 Mean years of schooling Years	4.0	26.7 =	127	Finland
6.02 Extent of staff training 1-7 (best)	3.3	38.8 ↑	123	Switzerland
6.03 Quality of vocational training 1-7 (best)	3.2	36.2 ↓	126	Switzerland
6.04 Skillset of graduates 1-7 (best)	3.6	43.4 ↑	104	Switzerland
6.05 Digital skills among population 1-7 (best)	3.2	35.9 ↑	128	Sweden
6.06 Ease of finding skilled employees 1-7 (best)	3.5	41.6 ↑	116	United States
6.07 School life expectancy Years	9.5	52.8 =	126	Multiple (9)
6.08 Critical thinking in teaching 1-7 (best)	3.2	36.2 ↑	85	United States
6.09 Pupil-to-teacher ratio in primary education Ratio	37.3	31.7 ↓	118	Multiple (6)

Index Component	Value	Score *	Rank/140	Best Performer
 <b>Pillar 7: Product market</b> 0-100 (best)	-	44.1 ↑	132	Singapore
7.01 Distortive effect of taxes and subsidies on competition 1-7 (best)	3.5	41.2 ↑	87	Singapore
7.02 Extent of market dominance 1-7 (best)	3.0	33.9 ↑	118	Switzerland
7.03 Competition in services 1-7 (best)	3.9	48.4 ↓	133	Hong Kong SAR
7.04 Prevalence of non-tariff barriers 1-7 (best)	3.6	44.0 ↓	131	Singapore
7.05 Trade tariffs % duty	14.07	6.2 ↑	131	Hong Kong SAR
7.06 Complexity of tariffs 1-7 (best)	6.6	93.4 ↑	24	Hong Kong SAR
7.07 Efficiency of the clearance process 1-5 (best)	1.8	20.5 ↓	134	Germany
7.08 Services trade openness 0-100 (worst)	n/a	71.4 ↓	n/a	Ecuador
 <b>Pillar 8: Labour market</b> 0-100 (best)	-	44.7 ↓	132	United States
8.01 Redundancy costs weeks of salary	75.5	0.0	137	Multiple (8)
8.02 Hiring and firing practices 1-7 (best)	3.5	41.6 ↑	100	Hong Kong SAR
8.03 Cooperation in Labour-employer relations 1-7 (best)	3.6	42.8 ↓	125	Switzerland
8.04 Flexibility of wage determination 1-7 (best)	4.3	55.6 ↑	113	Hong Kong SAR
8.05 Active Labour policies 1-7 (best)	3.1	34.6 ↑	77	Switzerland
8.06 Workers' rights 0-100 (best)	69.1	69.1 ↓	80	Multiple (4)
8.07 Ease of hiring foreign labour 1-7 (best)	4.1	52.1 ↓	65	Albania
8.08 Internal Labour mobility 1-7 (best)	3.6	43.9 ↓	128	Guinea
8.09 Reliance on professional management 1-7 (best)	3.4	40.7 ↓	118	Finland
8.10 Pay and productivity 1-7 (best)	3.3	39.0 ↑	116	United States
8.11 Female participation in Labour force ratio	0.30	12.8 ↓	121	Multiple (4)
8.12 Labour tax rate %	11.3	95.4 =	37	Multiple (26)
 <b>Pillar 9: Financial system</b> 0-100 (best)	-	42.0 ↑	136	United States
9.01 Domestic credit to private sector % GDP	5.3	5.5 ↑	139	Multiple (29)
9.02 Financing of SMEs 1-7 (best)	3.2	37.0 ↑	115	United States
9.03 Venture capital availability 1-7 (best)	2.8	30.3 ↑	76	United States
9.04 Market capitalization % GDP	0.0	0.0	121	Multiple (12)
9.05 Insurance premium % GDP	0.4	6.4 =	128	Multiple (16)
9.06 Soundness of banks 1-7 (best)	3.6	43.9 ↑	117	Finland
9.07 Non-performing loans % loan portfolio value	22.7	55.3 ↑	133	Multiple (2)
9.08 Credit gap percentage points	-1.1	100.0 =	59	Multiple (97)
9.09 Banks' regulatory capital ratio ratio	31.4	100.0 =	1	Multiple (72)
 <b>Pillar 10: Market size</b> 0-100 (best)	-	26.9 ↑	134	China
10.01 Gross domestic product PPP \$ billions	10	n/a	132	China
10.02 Imports % GDP	40.4	n/a	78	Hong Kong SAR
 <b>Pillar 11: Business dynamism</b> 0-100 (best)	-	48.7 ↑	124	United States
11.01 Cost of starting a business % GNI per capita	36.2	81.9 ↓	120	Multiple (2)
11.02 Time to start a business days	11.0	89.4 ↓	68	New Zealand
11.03 Insolvency recovery rate cents/\$	11.1	11.9 ↓	128	Norway
11.04 Insolvency regulatory framework 0-16 (best)	6.0	37.5 =	110	Multiple (5)
11.05 Attitudes toward entrepreneurial risk 1-7 (best)	3.3	39.2 ↑	123	Israel
11.06 Willingness to delegate authority 1-7 (best)	3.9	49.2 ↓	96	Denmark
11.07 Growth of innovative companies 1-7 (best)	3.6	43.2 ↑	102	Israel
11.08 Companies embracing disruptive ideas 1-7 (best)	3.2	37.0 ↑	98	United States
 <b>Pillar 12: Innovation capability</b> 0-100 (best)	-	26.8 ↑	124	Germany
12.01 Diversity of workforce 1-7 (best)	3.8	46.7 ↑	120	Canada
12.02 State of cluster development 1-7 (best)	3.1	35.4 ↑	113	United States
12.03 International co-inventions applications/million pop.	0.08	2.3 ↑	89	Multiple (7)
12.04 Multi-stakeholder collaboration 1-7 (best)	3.3	37.8 ↑	99	United States
12.05 Scientific publications H Index	41.7	55.6 ↑	131	Multiple (7)
12.06 Patent applications applications/million pop.	0.08	1.4 ↑	101	Multiple (8)
12.07 R&D expenditures % GDP	n/a	13.8 ↑	n/a	Multiple (7)
12.08 Quality of research institutions index	0.00	0.0	112	Multiple (7)
12.09 Buyer sophistication 1-7 (best)	2.9	32.1 ↑	106	United States
12.10 Trademark applications applications/million pop.	54.28	43.2 ↓	112	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/>

