

Global Competitiveness Index 4.0 2018 edition

Rank in 2017 edition: n/a

## Performance Overview Key

◇ Previous edition   △ Lower middle income group average   □ Sub-Saharan Africa average

### 2018









### Selected contextual indicators

Population millions	25.0	GDP (PPP) % world GDP	0.08
GDP per capita US\$	1,617.0	Unemployment rate %	2.6
10-year average annual GDP growth %	5.4	5-year average FDI inward flow % GDP	1.4

### Social and environmental performance

Environmental footprint gha/capita	1.3	Income Gini 0 (perfect equality) -100 (perfect inequality)	41.5
Global Gender Gap Index 0-1 (gender parity)	0.6		

Index Component	Value	Score *	Rank/140	Best Performer
 <b>Pillar 1: Institutions</b> 0-100 (best)	-	<b>44.5</b>	<b>118</b>	<b>New Zealand</b>
1.01 Organized crime 1-7 (best)	4.1	51.3	109	Finland
1.02 Homicide rate /100,000 pop.	11.6	62.3 =	122	Multiple (9)
1.03 Terrorism incidence 0 (very high) -100 (no incidence)	100.0	100.0 =	1	Multiple (24)
1.04 Reliability of police services 1-7 (best)	3.3	38.5	117	Finland
1.05 Social capital 0-100 (high)	44.1	44.1 ↓	116	Australia
1.06 Budget transparency 0-100 (best)	46.2	46.2 =	90	Multiple (2)
1.07 Judicial independence 1-7 (best)	2.5	24.2	123	Finland
1.08 Efficiency of legal framework in challenging regulations 1-7 (best)	3.2	36.5	76	Finland
1.09 Freedom of the press 0-100 (worst)	30.1	69.9 ↑	67	Norway
1.10 Burden of government regulation 1-7 (best)	3.2	36.2	89	Singapore
1.11 Efficiency of legal framework in settling disputes 1-7 (best)	3.8	47.5	59	Singapore
1.12 E-Participation Index 0-1 (best)	0.17	17.4 ↑	132	Multiple (3)
1.13 Future orientation of government 1-7 (best)	3.8	46.5	65	Singapore
1.14 Incidence of corruption 0-100 (best)	36.0	36.0 ↑	87	New Zealand
1.15 Property rights 1-7 (best)	3.9	47.7	106	Finland
1.16 Intellectual property protection 1-7 (best)	3.6	43.7	101	Finland
1.17 Quality of land administration 0-30 (best)	11.5	38.3 =	93	Singapore
1.18 Strength of auditing and reporting standards 1-7 (best)	4.2	52.7	98	Finland
1.19 Conflict of interest regulation 0-10 (best)	4.3	43.0 =	112	Multiple (2)
1.20 Shareholder governance 0-10 (best)	3.7	37.0 =	112	Kazakhstan
 <b>Pillar 2: Infrastructure</b> 0-100 (best)	-	<b>51.2</b>	<b>113</b>	<b>Singapore</b>
2.01 Road connectivity index 0-100 (best)	73.6	73.6 =	49	United States
2.02 Quality of roads 1-7 (best)	3.3	38.5	101	Singapore
2.03 Railroad density km of roads/square km	2.0	5.0 =	86	Multiple (20)
2.04 Efficiency of train services 1-7 (best)	2.6	26.5	94	Switzerland
2.05 Airport connectivity score	5,367.2	25.9 ↑	114	Multiple (8)
2.06 Efficiency of air transport services 1-7 (best)	4.5	58.3	71	Singapore
2.07 Liner Shipping Connectivity Index 0-157.1 (best)	17.8	17.8 ↓	67	Multiple (4)
2.08 Efficiency of seaport services 1-7 (best)	3.9	48.6	74	Singapore
2.09 Electrification rate % pop.	62.5	62.5 ↑	113	Multiple (66)
2.10 Electric power transmission and distribution losses % output	22.2	81.1 ↓	117	Multiple (9)
2.11 Exposure to unsafe drinking water % pop.	34.6	66.8 ↑	113	Multiple (23)
2.12 Reliability of water supply 1-7 (best)	4.1	52.1	101	Switzerland
 <b>Pillar 3: ICT adoption</b> 0-100 (best)	-	<b>38.9</b>	<b>104</b>	<b>Korea, Rep.</b>
3.01 Mobile-cellular telephone subscriptions /100 pop.	130.7	100.0 ↑	38	Multiple (68)
3.02 Mobile-broadband subscriptions /100 pop.	53.9	n/a	91	United Arab Emirates
3.03 Fixed-broadband Internet subscriptions /100 pop.	0.6	1.2 ↑	113	Switzerland
3.04 Fibre Internet subscriptions /100 pop.	0.0	n/a	100	Korea, Rep.
3.05 Internet users % pop.	41.2	41.2 ↑	93	Iceland
 <b>Pillar 4: Macroeconomic stability</b> 0-100 (best)	-	<b>75.0</b>	<b>68</b>	<b>Multiple (31)</b>
4.01 Inflation annual % change	0.8	100.0 =	1	Multiple (74)
4.02 Debt dynamics 0-100 (best)	50.0	50.0 ↓	78	Multiple (36)
 <b>Pillar 5: Health</b> 0-100 (best)	-	<b>38.0</b>	<b>133</b>	<b>Multiple (4)</b>
5.01 Healthy life expectancy years	52.2	38.0 ↑	132	Multiple (4)
 <b>Pillar 6: Skills</b> 0-100 (best)	-	<b>37.3</b>	<b>130</b>	<b>Finland</b>
6.01 Mean years of schooling Years	3.3	21.8 =	131	Finland
6.02 Extent of staff training 1-7 (best)	4.1	51.9	58	Switzerland
6.03 Quality of vocational training 1-7 (best)	4.1	51.5	64	Switzerland
6.04 Skillset of graduates 1-7 (best)	3.7	44.9	98	Switzerland
6.05 Digital skills among population 1-7 (best)	3.9	48.6	80	Sweden
6.06 Ease of finding skilled employees 1-7 (best)	4.6	60.6	38	United States
6.07 School life expectancy Years	9.0	50.2 =	129	Multiple (9)
6.08 Critical thinking in teaching 1-7 (best)	2.9	32.4	106	United States
6.09 Pupil-to-teacher ratio in primary education Ratio	42.5	18.7 ↓	123	Multiple (6)

Index Component	Value	Score *	Rank/140	Best Performer
 <b>Pillar 7: Product market</b> 0-100 (best)	-	<b>53.5</b>	<b>90</b>	<b>Singapore</b>
7.01 Distortive effect of taxes and subsidies on competition 1-7 (best)	3.4	40.6	91	Singapore
7.02 Extent of market dominance 1-7 (best)	3.2	36.1	114	Switzerland
7.03 Competition in services 1-7 (best)	4.7	61.6	92	Hong Kong SAR
7.04 Prevalence of non-tariff barriers 1-7 (best)	4.6	59.6	47	Singapore
7.05 Trade tariffs % duty	10.14	32.4 ↑	109	Hong Kong SAR
7.06 Complexity of tariffs 1-7 (best)	6.7	94.7 ↓	10	Hong Kong SAR
7.07 Efficiency of the clearance process 1-5 (best)	2.8	44.5 ↑	52	Germany
7.08 Services trade openness 0-100 (worst)	26.4	73.6 =	55	Ecuador
 <b>Pillar 8: Labour market</b> 0-100 (best)	-	<b>52.1</b>	<b>105</b>	<b>United States</b>
8.01 Redundancy costs weeks of salary	13.1	81.1 =	53	Multiple (8)
8.02 Hiring and firing practices 1-7 (best)	4.1	51.0	47	Hong Kong SAR
8.03 Cooperation in Labour-employer relations 1-7 (best)	4.6	60.6	46	Switzerland
8.04 Flexibility of wage determination 1-7 (best)	5.5	74.9	24	Hong Kong SAR
8.05 Active Labour policies 1-7 (best)	2.0	17.2	129	Switzerland
8.06 Workers' rights 0-100 (best)	71.1	71.1 ↑	60	Multiple (4)
8.07 Ease of hiring foreign labour 1-7 (best)	4.5	58.8	34	Albania
8.08 Internal Labour mobility 1-7 (best)	4.8	62.8	45	Guinea
8.09 Reliance on professional management 1-7 (best)	4.0	50.0	83	Finland
8.10 Pay and productivity 1-7 (best)	3.3	37.9	120	United States
8.11 Female participation in Labour force ratio	0.29	11.5 ↑	123	Multiple (4)
8.12 Labour tax rate %	23.3	78.8 =	102	Multiple (26)
 <b>Pillar 9: Financial system</b> 0-100 (best)	-	<b>49.0</b>	<b>115</b>	<b>United States</b>
9.01 Domestic credit to private sector % GDP	21.2	22.3 ↑	115	Multiple (29)
9.02 Financing of SMEs 1-7 (best)	2.3	21.2	139	United States
9.03 Venture capital availability 1-7 (best)	1.8	14.0	135	United States
9.04 Market capitalization % GDP	20.2	20.2 ↓	78	Multiple (12)
9.05 Insurance premium % GDP	1.3	22.4 =	86	Multiple (16)
9.06 Soundness of banks 1-7 (best)	4.7	61.0	82	Finland
9.07 Non-performing loans % loan portfolio value	10.6	79.6 =	106	Multiple (2)
9.08 Credit gap percentage points	1.7	100.0 ↑	95	Multiple (97)
9.09 Banks' regulatory capital ratio ratio	n/a	100.0 =	n/a	Multiple (72)
 <b>Pillar 10: Market size</b> 0-100 (best)	-	<b>47.8</b>	<b>83</b>	<b>China</b>
10.01 Gross domestic product PPP \$ billions	88	n/a	78	China
10.02 Imports % GDP	34.5	n/a	88	Hong Kong SAR
 <b>Pillar 11: Business dynamism</b> 0-100 (best)	-	<b>55.3</b>	<b>88</b>	<b>United States</b>
11.01 Cost of starting a business % GNI per capita	16.5	91.8 ↑	99	Multiple (2)
11.02 Time to start a business days	7.0	93.5 =	41	New Zealand
11.03 Insolvency recovery rate cents/\$	36.6	39.4 ↓	70	Norway
11.04 Insolvency regulatory framework 0-16 (best)	9.0	56.3 =	71	Multiple (5)
11.05 Attitudes toward entrepreneurial risk 1-7 (best)	3.1	34.3	133	Israel
11.06 Willingness to delegate authority 1-7 (best)	3.8	46.7	114	Denmark
11.07 Growth of innovative companies 1-7 (best)	3.6	43.3	101	Israel
11.08 Companies embracing disruptive ideas 1-7 (best)	3.2	37.0	99	United States
 <b>Pillar 12: Innovation capability</b> 0-100 (best)	-	<b>28.3</b>	<b>113</b>	<b>Germany</b>
12.01 Diversity of workforce 1-7 (best)	4.2	53.0	89	Canada
12.02 State of cluster development 1-7 (best)	2.9	32.5	126	United States
12.03 International co-inventions applications/million pop.	0.00	0.1 ↓	123	Multiple (7)
12.04 Multi-stakeholder collaboration 1-7 (best)	3.1	35.3	113	United States
12.05 Scientific publications H Index	100.7	68.4 ↑	95	Multiple (7)
12.06 Patent applications applications/million pop.	0.00	0.1 ↓	127	Multiple (8)
12.07 R&D expenditures % GDP	n/a	6.0 ↓	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)	2.6	26.0	125	United States
12.10 Trademark applications applications/million pop.	313.80	61.9 ↑	83	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/>

