

Global Competitiveness Index 4.0 2018 edition

Rank in 2017 edition: 107th/135

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






## Selected contextual indicators

Population millions	11.8	GDP (PPP) % world GDP	0.02
GDP per capita US\$	771.7	Unemployment rate %	1.3
10-year average annual GDP growth %	7.2	5-year average FDI inward flow % GDP	4.2

## Social and environmental performance

Environmental footprint gha/capita	0.8	Global Gender Gap Index 0-1 (gender parity)	0.8
Inclusive Development Index 1-7 (best)	3.2	Income Gini 0 (perfect equality) -100 (perfect inequality)	45.1

Index Component	Value	Score *	Rank/140	Best Performer
 <b>Pillar 1: Institutions</b> 0-100 (best)	-	<b>64.4</b> ↑	<b>29</b>	<b>New Zealand</b>
1.01 Organized crime 1-7 (best)	5.3	72.2 ↓	38	Finland
1.02 Homicide rate /100,000 pop.	2.5	93.2 =	68	Multiple (9)
1.03 Terrorism incidence 0 (very high) -100 (no incidence)	99.7	99.7 ↓	82	Multiple (24)
1.04 Reliability of police services 1-7 (best)	5.5	75.5 ↓	33	Finland
1.05 Social capital 0-100 (high)	49.3	49.3 ↑	80	Australia
1.06 Budget transparency 0-100 (best)	34.6	34.6 =	116	Multiple (2)
1.07 Judicial independence 1-7 (best)	5.0	66.5 ↓	34	Finland
1.08 Efficiency of legal framework in challenging regulations 1-7 (best)	4.5	57.9 ↓	20	Finland
1.09 Freedom of the press 0-100 (worst)	52.9	47.1 ↑	128	Norway
1.10 Burden of government regulation 1-7 (best)	4.6	59.9 ↓	13	Singapore
1.11 Efficiency of legal framework in settling disputes 1-7 (best)	5.0	67.2 ↑	19	Singapore
1.12 E-Participation Index 0-1 (best)	0.76	75.8 ↑	58	Multiple (3)
1.13 Future orientation of government 1-7 (best)	5.1	68.6 ↓	12	Singapore
1.14 Incidence of corruption 0-100 (best)	55.0	55.0 ↑	43	New Zealand
1.15 Property rights 1-7 (best)	4.8	63.6 ↓	44	Finland
1.16 Intellectual property protection 1-7 (best)	4.7	62.4 ↑	37	Finland
1.17 Quality of land administration 0-30 (best)	28.0	93.3 =	5	Singapore
1.18 Strength of auditing and reporting standards 1-7 (best)	4.6	60.4 ↑	69	Finland
1.19 Conflict of interest regulation 0-10 (best)	7.0	70.0 ↑	23	Multiple (2)
1.20 Shareholder governance 0-10 (best)	7.7	77.0 ↑	10	Kazakhstan
 <b>Pillar 2: Infrastructure</b> 0-100 (best)	-	<b>50.8</b> ↑	<b>115</b>	<b>Singapore</b>
2.01 Road connectivity index 0-100 (best)	27.2	27.2 =	127	United States
2.02 Quality of roads 1-7 (best)	4.7	61.2 ↑	40	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)	3.2	35.9 ↓	71	Switzerland
2.05 Airport connectivity score	2,559.9	19.8 ↓	123	Multiple (8)
2.06 Efficiency of air transport services 1-7 (best)	4.8	63.7 ↑	56	Singapore
2.07 Liner Shipping Connectivity Index 0-157.1 (best)	n/a	n/a	n/a	Multiple (4)
2.08 Efficiency of seaport services 1-7 (best)	2.9	31.9 ↑	111	Singapore
2.09 Electrification rate % pop.	30.0	30.0 ↑	130	Multiple (66)
2.10 Electric power transmission and distribution losses % output	n/a	82.2 ↓	n/a	Multiple (9)
2.11 Exposure to unsafe drinking water % pop.	32.8	68.6 ↑	108	Multiple (23)
2.12 Reliability of water supply 1-7 (best)	4.2	53.8 ↑	97	Switzerland
 <b>Pillar 3: ICT adoption</b> 0-100 (best)	-	<b>27.1</b> ↑	<b>120</b>	<b>Korea, Rep.</b>
3.01 Mobile-cellular telephone subscriptions /100 pop.	72.2	60.2 ↓	127	Multiple (68)
3.02 Mobile-broadband subscriptions /100 pop.	35.0	n/a	109	United Arab Emirates
3.03 Fixed-broadband Internet subscriptions /100 pop.	0.2	0.4 ↓	127	Switzerland
3.04 Fibre Internet subscriptions /100 pop.	0.0	n/a	108	Korea, Rep.
3.05 Internet users % pop.	20.0	20.0 ↑	119	Iceland
 <b>Pillar 4: Macroeconomic stability</b> 0-100 (best)	-	<b>71.8</b> ↓	<b>92</b>	<b>Multiple (31)</b>
4.01 Inflation annual % change	5.3	96.4 ↓	101	Multiple (74)
4.02 Debt dynamics 0-100 (best)	47.2	47.2 ↓	100	Multiple (36)
 <b>Pillar 5: Health</b> 0-100 (best)	-	<b>60.9</b> ↑	<b>106</b>	<b>Multiple (4)</b>
5.01 Healthy life expectancy years	59.5	60.9 ↑	105	Multiple (4)
 <b>Pillar 6: Skills</b> 0-100 (best)	-	<b>40.9</b> ↑	<b>123</b>	<b>Finland</b>
6.01 Mean years of schooling Years	4.4	29.3 =	126	Finland
6.02 Extent of staff training 1-7 (best)	3.8	45.9 ↑	80	Switzerland
6.03 Quality of vocational training 1-7 (best)	4.1	51.1 ↑	68	Switzerland
6.04 Skillset of graduates 1-7 (best)	3.8	46.2 ↑	91	Switzerland
6.05 Digital skills among population 1-7 (best)	3.9	48.3 ↑	82	Sweden
6.06 Ease of finding skilled employees 1-7 (best)	4.2	52.8 ↑	65	United States
6.07 School life expectancy Years	11.2	62.3 ↑	109	Multiple (9)
6.08 Critical thinking in teaching 1-7 (best)	3.8	46.0 ↑	43	United States
6.09 Pupil-to-teacher ratio in primary education Ratio	58.5	0.0	137	Multiple (6)

Index Component	Value	Score *	Rank/140	Best Performer
 <b>Pillar 7: Product market</b> 0-100 (best)	-	<b>56.6</b> ↑	<b>65</b>	<b>Singapore</b>
7.01 Distortive effect of taxes and subsidies on competition 1-7 (best)	4.5	58.6 ↑	24	Singapore
7.02 Extent of market dominance 1-7 (best)	4.1	52.1 ↑	40	Switzerland
7.03 Competition in services 1-7 (best)	4.6	60.7 ↑	97	Hong Kong SAR
7.04 Prevalence of non-tariff barriers 1-7 (best)	4.2	53.9 ↑	87	Singapore
7.05 Trade tariffs % duty	11.69	22.1 ↓	121	Hong Kong SAR
7.06 Complexity of tariffs 1-7 (best)	6.3	87.9 ↓	52	Hong Kong SAR
7.07 Efficiency of the clearance process 1-5 (best)	2.7	41.7 ↓	63	Germany
7.08 Services trade openness 0-100 (worst)	25.0	75.0 =	51	Ecuador
 <b>Pillar 8: Labour market</b> 0-100 (best)	-	<b>62.1</b> ↑	<b>49</b>	<b>United States</b>
8.01 Redundancy costs weeks of salary	13.0	81.3 =	46	Multiple (8)
8.02 Hiring and firing practices 1-7 (best)	4.3	55.5 ↑	32	Hong Kong SAR
8.03 Cooperation in Labour-employer relations 1-7 (best)	4.9	65.1 ↑	31	Switzerland
8.04 Flexibility of wage determination 1-7 (best)	5.0	65.9 ↑	64	Hong Kong SAR
8.05 Active Labour policies 1-7 (best)	3.5	42.5 ↑	61	Switzerland
8.06 Workers' rights 0-100 (best)	86.6	86.6 ↑	24	Multiple (4)
8.07 Ease of hiring foreign labour 1-7 (best)	4.4	57.5 ↓	39	Albania
8.08 Internal Labour mobility 1-7 (best)	4.0	50.1 ↑	106	Guinea
8.09 Reliance on professional management 1-7 (best)	4.7	62.1 ↑	41	Finland
8.10 Pay and productivity 1-7 (best)	4.1	51.0 ↑	60	United States
8.11 Female participation in Labour force ratio	0.45	31.8 ↑	106	Multiple (4)
8.12 Labour tax rate %	5.9	100.0 =	22	Multiple (26)
 <b>Pillar 9: Financial system</b> 0-100 (best)	-	<b>54.9</b> ↑	<b>84</b>	<b>United States</b>
9.01 Domestic credit to private sector % GDP	21.0	22.1 ↑	119	Multiple (29)
9.02 Financing of SMEs 1-7 (best)	4.2	53.4 ↑	35	United States
9.03 Venture capital availability 1-7 (best)	3.4	40.8 ↑	38	United States
9.04 Market capitalization % GDP	26.0	26.0 =	65	Multiple (12)
9.05 Insurance premium % GDP	0.6	10.5 =	114	Multiple (16)
9.06 Soundness of banks 1-7 (best)	4.3	54.3 ↑	98	Finland
9.07 Non-performing loans % loan portfolio value	7.1	86.7 ↓	86	Multiple (2)
9.08 Credit gap percentage points	0.4	100.0 =	79	Multiple (97)
9.09 Banks' regulatory capital ratio ratio	23.2	100.0 =	7	Multiple (72)
 <b>Pillar 10: Market size</b> 0-100 (best)	-	<b>33.8</b> ↓	<b>128</b>	<b>China</b>
10.01 Gross domestic product PPP \$ billions	22	n/a	124	China
10.02 Imports % GDP	31.4	n/a	104	Hong Kong SAR
 <b>Pillar 11: Business dynamism</b> 0-100 (best)	-	<b>60.6</b> ↑	<b>60</b>	<b>United States</b>
11.01 Cost of starting a business % GNI per capita	44.6	77.7 ↑	127	Multiple (2)
11.02 Time to start a business days	4.0	96.5 =	12	New Zealand
11.03 Insolvency recovery rate cents/\$	19.1	20.6 ↓	117	Norway
11.04 Insolvency regulatory framework 0-16 (best)	12.0	75.0 =	28	Multiple (5)
11.05 Attitudes toward entrepreneurial risk 1-7 (best)	4.3	54.5 ↑	42	Israel
11.06 Willingness to delegate authority 1-7 (best)	4.5	59.1 ↑	46	Denmark
11.07 Growth of innovative companies 1-7 (best)	4.3	54.4 ↑	45	Israel
11.08 Companies embracing disruptive ideas 1-7 (best)	3.8	46.9 ↑	43	United States
 <b>Pillar 12: Innovation capability</b> 0-100 (best)	-	<b>27.3</b> ↑	<b>118</b>	<b>Germany</b>
12.01 Diversity of workforce 1-7 (best)	3.8	46.4 ↓	121	Canada
12.02 State of cluster development 1-7 (best)	3.7	45.8 ↑	75	United States
12.03 International co-inventions applications/million pop.	0.01	0.3 ↑	116	Multiple (7)
12.04 Multi-stakeholder collaboration 1-7 (best)	3.9	48.7 ↑	47	United States
12.05 Scientific publications H Index	64.7	62.0 ↑	116	Multiple (7)
12.06 Patent applications applications/million pop.	0.01	0.2 ↑	121	Multiple (8)
12.07 R&D expenditures % GDP	n/a	4.0 ↑	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)	3.0	34.0 ↑	98	United States
12.10 Trademark applications applications/million pop.	17.17	31.2 ↓	122	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/>

