

Global Competitiveness Index 4.0 2018 edition

Rank in 2017 edition: 122nd/135

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




## Selected contextual indicators

Population millions	11.1	GDP (PPP) % world GDP	0.02
GDP per capita US\$	830.4	Unemployment rate %	2.5
10-year average annual GDP growth %	4.1	5-year average FDI inward flow % GDP	2.8

## Social and environmental performance

Environmental footprint gha/capita	1.4	Income Gini 0 (perfect equality) -100 (perfect inequality)	47.8
Global Gender Gap Index 0-1 (gender parity)	0.7		

Index Component	Value	Score *	Rank/140	Best Performer
 <b>Pillar 1: Institutions</b> 0-100 (best)	-	45.1 ↑	114	New Zealand
1.01 Organized crime 1-7 (best)	4.4	57.0 ↑	93	Finland
1.02 Homicide rate /100,000 pop.	6.2	80.7 =	97	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)	4.7	61.1 ↑	54	Finland
1.05 Social capital 0-100 (high)	39.1	39.1 ↑	130	Australia
1.06 Budget transparency 0-100 (best)	19.2	19.2 =	132	Multiple (2)
1.07 Judicial independence 1-7 (best)	3.1	34.9 ↑	98	Finland
1.08 Efficiency of legal framework in challenging regulations 1-7 (best)	3.3	38.4 ↑	68	Finland
1.09 Freedom of the press 0-100 (worst)	30.2	69.8 ↑	68	Norway
1.10 Burden of government regulation 1-7 (best)	3.3	38.5 ↑	75	Singapore
1.11 Efficiency of legal framework in settling disputes 1-7 (best)	3.9	47.8 ↑	57	Singapore
1.12 E-Participation Index 0-1 (best)	0.37	37.1 ↑	119	Multiple (3)
1.13 Future orientation of government 1-7 (best)	3.6	42.7 ↑	79	Singapore
1.14 Incidence of corruption 0-100 (best)	39.0	39.0 ↑	73	New Zealand
1.15 Property rights 1-7 (best)	3.9	48.9 ↓	100	Finland
1.16 Intellectual property protection 1-7 (best)	3.7	44.6 ↑	98	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)	3.8	47.2 ↑	116	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)	-	41.0 ↑	126	Singapore
2.01 Road connectivity index 0-100 (best)	74.3	74.3 =	48	United States
2.02 Quality of roads 1-7 (best)	2.9	31.0 ↓	116	Singapore
2.03 Railroad density km of roads/square km	6.6	16.5 =	62	Multiple (20)
2.04 Efficiency of train services 1-7 (best)	1.5	8.8 ↑	131	Switzerland
2.05 Airport connectivity score	864.6	12.7 ↓	132	Multiple (8)
2.06 Efficiency of air transport services 1-7 (best)	3.5	41.4 ↓	116	Singapore
2.07 Liner Shipping Connectivity Index 0-157.1 (best)	18.4	18.4 ↑	65	Multiple (4)
2.08 Efficiency of seaport services 1-7 (best)	3.0	34.0 ↑	107	Singapore
2.09 Electrification rate % pop.	31.9	31.9 ↑	128	Multiple (66)
2.10 Electric power transmission and distribution losses % output	18.9	84.4 ↑	112	Multiple (9)
2.11 Exposure to unsafe drinking water % pop.	41.7	59.5 ↑	128	Multiple (23)
2.12 Reliability of water supply 1-7 (best)	3.0	33.8 ↑	120	Switzerland
 <b>Pillar 3: ICT adoption</b> 0-100 (best)	-	20.0 ↑	133	Korea, Rep.
3.01 Mobile-cellular telephone subscriptions /100 pop.	78.5	65.4 ↓	122	Multiple (68)
3.02 Mobile-broadband subscriptions /100 pop.	12.0	n/a	134	United Arab Emirates
3.03 Fixed-broadband Internet subscriptions /100 pop.	0.3	0.5 ↑	122	Switzerland
3.04 Fibre Internet subscriptions /100 pop.	n/a	n/a	n/a	Korea, Rep.
3.05 Internet users % pop.	12.0	12.0 ↑	132	Iceland
 <b>Pillar 4: Macroeconomic stability</b> 0-100 (best)	-	71.6 ↓	94	Multiple (31)
4.01 Inflation annual % change	-0.3	97.7 ↓	97	Multiple (74)
4.02 Debt dynamics 0-100 (best)	45.6	45.6 ↓	107	Multiple (36)
 <b>Pillar 5: Health</b> 0-100 (best)	-	49.8 ↑	121	Multiple (4)
5.01 Healthy life expectancy years	55.9	49.8 ↑	120	Multiple (4)
 <b>Pillar 6: Skills</b> 0-100 (best)	-	42.5 ↑	119	Finland
6.01 Mean years of schooling Years	3.4	22.7 =	130	Finland
6.02 Extent of staff training 1-7 (best)	3.2	37.3 ↑	128	Switzerland
6.03 Quality of vocational training 1-7 (best)	4.3	55.4 ↑	52	Switzerland
6.04 Skillset of graduates 1-7 (best)	3.9	48.6 ↓	78	Switzerland
6.05 Digital skills among population 1-7 (best)	3.4	39.8 ↑	117	Sweden
6.06 Ease of finding skilled employees 1-7 (best)	4.8	63.7 ↓	25	United States
6.07 School life expectancy Years	12.8	71.1 =	86	Multiple (9)
6.08 Critical thinking in teaching 1-7 (best)	3.5	41.9 ↑	63	United States
6.09 Pupil-to-teacher ratio in primary education Ratio	45.0	12.4 =	129	Multiple (6)

Index Component	Value	Score *	Rank/140	Best Performer
 <b>Pillar 7: Product market</b> 0-100 (best)	-	<b>54.0</b> ↑	<b>86</b>	<b>Singapore</b>
7.01 Distortive effect of taxes and subsidies on competition 1-7 (best)	3.8	46.2 ↑	64	Singapore
7.02 Extent of market dominance 1-7 (best)	3.8	46.3 ↑	57	Switzerland
7.03 Competition in services 1-7 (best)	4.5	59.0 ↑	109	Hong Kong SAR
7.04 Prevalence of non-tariff barriers 1-7 (best)	4.1	51.9 ↑	100	Singapore
7.05 Trade tariffs % duty	10.14	32.4 ↑	104	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)	2.6	39.1 ↑	83	Germany
7.08 Services trade openness 0-100 (worst)	n/a	69.8 ↓	n/a	Ecuador
 <b>Pillar 8: Labour market</b> 0-100 (best)	-	<b>50.6</b> ↑	<b>118</b>	<b>United States</b>
8.01 Redundancy costs weeks of salary	11.6	84.1 =	41	Multiple (8)
8.02 Hiring and firing practices 1-7 (best)	4.3	54.6 ↑	35	Hong Kong SAR
8.03 Cooperation in Labour-employer relations 1-7 (best)	4.6	59.3 ↑	53	Switzerland
8.04 Flexibility of wage determination 1-7 (best)	5.5	75.0 ↓	23	Hong Kong SAR
8.05 Active Labour policies 1-7 (best)	1.9	15.8 ↓	130	Switzerland
8.06 Workers' rights 0-100 (best)	62.9	62.9 ↑	92	Multiple (4)
8.07 Ease of hiring foreign labour 1-7 (best)	4.7	62.0 ↓	20	Albania
8.08 Internal Labour mobility 1-7 (best)	5.5	74.9 ↓	3	Guinea
8.09 Reliance on professional management 1-7 (best)	3.5	42.2 ↑	111	Finland
8.10 Pay and productivity 1-7 (best)	2.9	32.2 ↑	130	United States
8.11 Female participation in Labour force ratio	0.29	11.6 ↑	122	Multiple (4)
8.12 Labour tax rate %	26.4	74.4 =	115	Multiple (26)
 <b>Pillar 9: Financial system</b> 0-100 (best)	-	<b>43.8</b> ↓	<b>132</b>	<b>United States</b>
9.01 Domestic credit to private sector % GDP	21.4	22.6 ↑	114	Multiple (29)
9.02 Financing of SMEs 1-7 (best)	3.0	33.6 ↓	124	United States
9.03 Venture capital availability 1-7 (best)	1.8	13.4 ↑	136	United States
9.04 Market capitalization % GDP	4.3	4.3 =	105	Multiple (12)
9.05 Insurance premium % GDP	0.7	12.3 =	105	Multiple (16)
9.06 Soundness of banks 1-7 (best)	3.9	48.0 ↓	111	Finland
9.07 Non-performing loans % loan portfolio value	20.3	60.0 =	129	Multiple (2)
9.08 Credit gap percentage points	-2.1	100.0 =	52	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>34.9</b> ↑	<b>125</b>	<b>China</b>
10.01 Gross domestic product PPP \$ billions	23	n/a	123	China
10.02 Imports % GDP	42.0	n/a	73	Hong Kong SAR
 <b>Pillar 11: Business dynamism</b> 0-100 (best)	-	<b>52.7</b> ↓	<b>105</b>	<b>United States</b>
11.01 Cost of starting a business % GNI per capita	3.6	98.2 ↑	52	Multiple (2)
11.02 Time to start a business days	8.5	92.0 =	51	New Zealand
11.03 Insolvency recovery rate cents/\$	22.9	24.7 ↑	107	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)	3.2	36.5 ↓	129	Israel
11.06 Willingness to delegate authority 1-7 (best)	3.5	42.5 ↓	124	Denmark
11.07 Growth of innovative companies 1-7 (best)	3.3	38.3 ↑	121	Israel
11.08 Companies embracing disruptive ideas 1-7 (best)	3.0	33.4 ↑	125	United States
 <b>Pillar 12: Innovation capability</b> 0-100 (best)	-	<b>26.7</b> ↓	<b>126</b>	<b>Germany</b>
12.01 Diversity of workforce 1-7 (best)	4.3	54.4 ↓	83	Canada
12.02 State of cluster development 1-7 (best)	3.0	33.4 ↓	124	United States
12.03 International co-inventions applications/million pop.	0.00	0.0	125	Multiple (7)
12.04 Multi-stakeholder collaboration 1-7 (best)	3.3	37.8 ↓	100	United States
12.05 Scientific publications H Index	76.0	64.3 ↑	111	Multiple (7)
12.06 Patent applications applications/million pop.	0.03	0.6 ↓	109	Multiple (8)
12.07 R&D expenditures % GDP	n/a	4.2 ↑	n/a	Multiple (7)
12.08 Quality of research institutions index	0.00	0.4 ↓	103	Multiple (7)
12.09 Buyer sophistication 1-7 (best)	2.0	16.3 ↑	139	United States
12.10 Trademark applications applications/million pop.	173.75	55.5 ↓	96	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/>

