

Global Competitiveness Index 4.0 2018 edition

Rank in 2017 edition: 104th/135

## Performance Overview Key

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

### 2018









## Selected contextual indicators

Population millions	28.3	GDP (PPP) % world GDP	0.11
GDP per capita US\$	1,663.2	Unemployment rate %	2.4
10-year average annual GDP growth %	7.0	5-year average FDI inward flow % GDP	7.8

## Social and environmental performance

Environmental footprint gha/capita	2.0	Global Gender Gap Index 0-1 (gender parity)	0.7
Inclusive Development Index 1-7 (best)	3.3	Income Gini 0 (perfect equality) -100 (perfect inequality)	42.4

Index Component	Value	Score *	Rank/140	Best Performer
 <b>Pillar 1: Institutions</b> 0-100 (best)	-	55.7 ↑	59	New Zealand
1.01 Organized crime 1-7 (best)	4.6	59.7 ↑	84	Finland
1.02 Homicide rate /100,000 pop.	1.7	96.0 =	53	Multiple (9)
1.03 Terrorism incidence 0 (very high) -100 (no incidence)	100.0	100.0 ↑	40	Multiple (24)
1.04 Reliability of police services 1-7 (best)	4.6	59.3 ↓	66	Finland
1.05 Social capital 0-100 (high)	53.8	53.8 ↑	49	Australia
1.06 Budget transparency 0-100 (best)	61.5	61.5 =	49	Multiple (2)
1.07 Judicial independence 1-7 (best)	4.5	58.7 ↓	44	Finland
1.08 Efficiency of legal framework in challenging regulations 1-7 (best)	4.1	52.2 ↑	30	Finland
1.09 Freedom of the press 0-100 (worst)	18.4	81.6 ↓	21	Norway
1.10 Burden of government regulation 1-7 (best)	4.0	49.6 ↑	34	Singapore
1.11 Efficiency of legal framework in settling disputes 1-7 (best)	4.5	58.5 ↑	33	Singapore
1.12 E-Participation Index 0-1 (best)	0.63	62.9 ↑	82	Multiple (3)
1.13 Future orientation of government 1-7 (best)	4.1	51.7 ↑	41	Singapore
1.14 Incidence of corruption 0-100 (best)	40.0	40.0 ↓	69	New Zealand
1.15 Property rights 1-7 (best)	4.4	56.9 ↑	67	Finland
1.16 Intellectual property protection 1-7 (best)	4.2	53.6 ↑	64	Finland
1.17 Quality of land administration 0-30 (best)	8.0	26.7 =	113	Singapore
1.18 Strength of auditing and reporting standards 1-7 (best)	4.3	54.9 ↑	90	Finland
1.19 Conflict of interest regulation 0-10 (best)	6.3	63.0 =	45	Multiple (2)
1.20 Shareholder governance 0-10 (best)	4.0	40.0 =	106	Kazakhstan
 <b>Pillar 2: Infrastructure</b> 0-100 (best)	-	50.3 ↑	116	Singapore
2.01 Road connectivity index 0-100 (best)	58.8	58.8 =	78	United States
2.02 Quality of roads 1-7 (best)	3.5	41.4 ↓	91	Singapore
2.03 Railroad density km of roads/square km	4.0	10.0 =	76	Multiple (20)
2.04 Efficiency of train services 1-7 (best)	1.9	15.7 ↑	122	Switzerland
2.05 Airport connectivity score	10,564.4	32.6 ↓	94	Multiple (8)
2.06 Efficiency of air transport services 1-7 (best)	3.8	45.8 ↓	107	Singapore
2.07 Liner Shipping Connectivity Index 0-157.1 (best)	16.3	16.3 ↓	69	Multiple (4)
2.08 Efficiency of seaport services 1-7 (best)	3.0	33.8 ↓	109	Singapore
2.09 Electrification rate % pop.	84.1	84.1 ↑	103	Multiple (66)
2.10 Electric power transmission and distribution losses % output	21.4	81.9 ↑	116	Multiple (9)
2.11 Exposure to unsafe drinking water % pop.	41.8	59.4 ↓	129	Multiple (23)
2.12 Reliability of water supply 1-7 (best)	4.0	49.4 ↑	103	Switzerland
 <b>Pillar 3: ICT adoption</b> 0-100 (best)	-	45.7 ↑	88	Korea, Rep.
3.01 Mobile-cellular telephone subscriptions /100 pop.	127.5	100.0 =	44	Multiple (68)
3.02 Mobile-broadband subscriptions /100 pop.	83.2	n/a	46	United Arab Emirates
3.03 Fixed-broadband Internet subscriptions /100 pop.	0.2	0.4 ↓	125	Switzerland
3.04 Fibre Internet subscriptions /100 pop.	n/a	n/a	n/a	Korea, Rep.
3.05 Internet users % pop.	34.7	34.7 ↑	96	Iceland
 <b>Pillar 4: Macroeconomic stability</b> 0-100 (best)	-	54.8 ↑	132	Multiple (31)
4.01 Inflation annual % change	14.9	69.7 ↑	132	Multiple (74)
4.02 Debt dynamics 0-100 (best)	40.0	40.0 =	113	Multiple (36)
 <b>Pillar 5: Health</b> 0-100 (best)	-	56.0 ↑	112	Multiple (4)
5.01 Healthy life expectancy years	57.9	56.0 ↑	111	Multiple (4)
 <b>Pillar 6: Skills</b> 0-100 (best)	-	51.3 ↑	104	Finland
6.01 Mean years of schooling Years	6.5	43.3 =	109	Finland
6.02 Extent of staff training 1-7 (best)	4.2	53.6 ↑	52	Switzerland
6.03 Quality of vocational training 1-7 (best)	4.1	51.2 ↑	66	Switzerland
6.04 Skillset of graduates 1-7 (best)	4.1	51.3 ↑	65	Switzerland
6.05 Digital skills among population 1-7 (best)	4.1	51.0 ↑	76	Sweden
6.06 Ease of finding skilled employees 1-7 (best)	4.6	60.2 ↑	40	United States
6.07 School life expectancy Years	11.6	64.5 ↓	108	Multiple (9)
6.08 Critical thinking in teaching 1-7 (best)	3.4	39.6 ↑	69	United States
6.09 Pupil-to-teacher ratio in primary education Ratio	30.6	48.6 ↑	109	Multiple (6)

Index Component	Value	Score *	Rank/140	Best Performer
 <b>Pillar 7: Product market</b> 0-100 (best)	-	<b>56.8</b> ↑	<b>61</b>	<b>Singapore</b>
7.01 Distortive effect of taxes and subsidies on competition 1-7 (best)	4.0	49.4 ↑	52	Singapore
7.02 Extent of market dominance 1-7 (best)	4.1	50.9 ↑	45	Switzerland
7.03 Competition in services 1-7 (best)	4.6	59.4 ↓	104	Hong Kong SAR
7.04 Prevalence of non-tariff barriers 1-7 (best)	4.4	56.7 ↑	68	Singapore
7.05 Trade tariffs % duty	10.10	32.6 ↑	101	Hong Kong SAR
7.06 Complexity of tariffs 1-7 (best)	6.7	94.6 ↓	16	Hong Kong SAR
7.07 Efficiency of the clearance process 1-5 (best)	2.5	36.3 ↓	94	Germany
7.08 Services trade openness 0-100 (worst)	18.4	81.6 =	33	Ecuador
 <b>Pillar 8: Labour market</b> 0-100 (best)	-	<b>55.9</b> ↑	<b>89</b>	<b>United States</b>
8.01 Redundancy costs weeks of salary	49.8	4.6 =	131	Multiple (8)
8.02 Hiring and firing practices 1-7 (best)	4.5	57.8 ↓	22	Hong Kong SAR
8.03 Cooperation in Labour-employer relations 1-7 (best)	4.4	57.0 ↓	62	Switzerland
8.04 Flexibility of wage determination 1-7 (best)	4.6	60.3 ↑	99	Hong Kong SAR
8.05 Active Labour policies 1-7 (best)	3.6	43.0 ↑	60	Switzerland
8.06 Workers' rights 0-100 (best)	76.3	76.3 ↓	47	Multiple (4)
8.07 Ease of hiring foreign labour 1-7 (best)	4.4	57.4 ↓	40	Albania
8.08 Internal Labour mobility 1-7 (best)	4.8	63.1 ↑	40	Guinea
8.09 Reliance on professional management 1-7 (best)	4.8	63.3 ↓	37	Finland
8.10 Pay and productivity 1-7 (best)	4.1	51.3 ↑	59	United States
8.11 Female participation in Labour force ratio	0.46	32.3 ↓	105	Multiple (4)
8.12 Labour tax rate %	14.7	90.7 =	65	Multiple (26)
 <b>Pillar 9: Financial system</b> 0-100 (best)	-	<b>49.6</b> ↑	<b>112</b>	<b>United States</b>
9.01 Domestic credit to private sector % GDP	20.0	21.0 ↑	122	Multiple (29)
9.02 Financing of SMEs 1-7 (best)	3.8	47.3 ↑	61	United States
9.03 Venture capital availability 1-7 (best)	2.8	30.7 ↑	75	United States
9.04 Market capitalization % GDP	7.9	7.9 =	96	Multiple (12)
9.05 Insurance premium % GDP	1.1	19.0 =	92	Multiple (16)
9.06 Soundness of banks 1-7 (best)	4.3	54.2 ↓	99	Finland
9.07 Non-performing loans % loan portfolio value	17.3	66.1 ↓	125	Multiple (2)
9.08 Credit gap percentage points	0.3	100.0 =	78	Multiple (97)
9.09 Banks' regulatory capital ratio ratio	18.1	100.0 =	40	Multiple (72)
 <b>Pillar 10: Market size</b> 0-100 (best)	-	<b>51.8</b> ↑	<b>73</b>	<b>China</b>
10.01 Gross domestic product PPP \$ billions	122	n/a	74	China
10.02 Imports % GDP	46.3	n/a	64	Hong Kong SAR
 <b>Pillar 11: Business dynamism</b> 0-100 (best)	-	<b>55.3</b> ↑	<b>87</b>	<b>United States</b>
11.01 Cost of starting a business % GNI per capita	17.5	91.3 ↑	102	Multiple (2)
11.02 Time to start a business days	14.0	86.4 =	84	New Zealand
11.03 Insolvency recovery rate cents/\$	22.8	24.5 ↓	108	Norway
11.04 Insolvency regulatory framework 0-16 (best)	4.0	25.0 =	128	Multiple (5)
11.05 Attitudes toward entrepreneurial risk 1-7 (best)	4.1	51.1 ↑	59	Israel
11.06 Willingness to delegate authority 1-7 (best)	4.5	58.8 ↑	48	Denmark
11.07 Growth of innovative companies 1-7 (best)	4.4	56.7 ↑	40	Israel
11.08 Companies embracing disruptive ideas 1-7 (best)	3.9	48.3 ↑	36	United States
 <b>Pillar 12: Innovation capability</b> 0-100 (best)	-	<b>32.7</b> ↑	<b>83</b>	<b>Germany</b>
12.01 Diversity of workforce 1-7 (best)	4.7	61.5 ↑	46	Canada
12.02 State of cluster development 1-7 (best)	4.2	52.9 ↑	43	United States
12.03 International co-inventions applications/million pop.	0.02	0.7 ↑	108	Multiple (7)
12.04 Multi-stakeholder collaboration 1-7 (best)	3.9	48.9 ↑	46	United States
12.05 Scientific publications H Index	122.3	71.3 ↑	83	Multiple (7)
12.06 Patent applications applications/million pop.	0.02	0.4 ↓	114	Multiple (8)
12.07 R&D expenditures % GDP	0.4	12.6 =	75	Multiple (7)
12.08 Quality of research institutions index	0.00	1.3 ↓	82	Multiple (7)
12.09 Buyer sophistication 1-7 (best)	3.3	38.1 ↑	80	United States
12.10 Trademark applications applications/million pop.	39.18	39.7 ↑	116	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/>

