

Global Competitiveness Index 4.0 2018 edition

Rank in 2017 edition: 53rd/135

## Performance Overview 2018

Key ◇ Previous edition ▲ High income group average □ Europe and North America average









### Selected contextual indicators

Population millions	10.8	GDP (PPP) % world GDP	0.24
GDP per capita US\$	18,637.3	Unemployment rate %	21.5
10-year average annual GDP growth %	-2.9	5-year average FDI inward flow % GDP	1.2

### Social and environmental performance

Environmental footprint gha/capita	4.3	Global Gender Gap Index 0-1 (gender parity)	0.7
Inclusive Development Index 1-7 (best)	3.7	Income Gini 0 (perfect equality) -100 (perfect inequality)	36.0

Index Component	Value	Score *	Rank/140	Best Performer
 <b>Pillar 1: Institutions</b> 0-100 (best)	-	<b>50.5</b> ↑	<b>87</b>	<b>New Zealand</b>
1.01 Organized crime 1-7 (best)	4.8	63.8 ↓	69	Finland
1.02 Homicide rate /100,000 pop.	0.8	99.2 ↑	24	Multiple (9)
1.03 Terrorism incidence 0 (very high) -100 (no incidence)	97.3	97.3 ↓	107	Multiple (24)
1.04 Reliability of police services 1-7 (best)	4.2	53.3 ↓	79	Finland
1.05 Social capital 0-100 (high)	48.8	48.8 ↑	85	Australia
1.06 Budget transparency 0-100 (best)	46.2	46.2 =	90	Multiple (2)
1.07 Judicial independence 1-7 (best)	3.6	43.6 ↓	78	Finland
1.08 Efficiency of legal framework in challenging regulations 1-7 (best)	2.3	21.3 ↓	127	Finland
1.09 Freedom of the press 0-100 (worst)	29.2	70.8 ↑	61	Norway
1.10 Burden of government regulation 1-7 (best)	2.3	22.4 ↑	131	Singapore
1.11 Efficiency of legal framework in settling disputes 1-7 (best)	2.2	19.6 ↑	133	Singapore
1.12 E-Participation Index 0-1 (best)	0.88	87.6 ↑	33	Multiple (3)
1.13 Future orientation of government 1-7 (best)	2.2	19.4 ↑	135	Singapore
1.14 Incidence of corruption 0-100 (best)	48.0	48.0 ↑	52	New Zealand
1.15 Property rights 1-7 (best)	3.9	47.7 ↓	107	Finland
1.16 Intellectual property protection 1-7 (best)	4.1	51.9 ↓	68	Finland
1.17 Quality of land administration 0-30 (best)	4.5	15.0 =	135	Singapore
1.18 Strength of auditing and reporting standards 1-7 (best)	3.7	45.8 ↓	119	Finland
1.19 Conflict of interest regulation 0-10 (best)	5.3	53.0 =	84	Multiple (2)
1.20 Shareholder governance 0-10 (best)	7.3	73.0 =	15	Kazakhstan
 <b>Pillar 2: Infrastructure</b> 0-100 (best)	-	<b>76.2</b> ↑	<b>38</b>	<b>Singapore</b>
2.01 Road connectivity index 0-100 (best)	66.9	66.9 =	63	United States
2.02 Quality of roads 1-7 (best)	4.7	62.2 ↑	36	Singapore
2.03 Railroad density km of roads/square km	17.0	42.4 =	45	Multiple (20)
2.04 Efficiency of train services 1-7 (best)	3.0	34.0 ↓	77	Switzerland
2.05 Airport connectivity score	232,147.0	77.2 ↑	27	Multiple (8)
2.06 Efficiency of air transport services 1-7 (best)	5.2	70.8 ↑	37	Singapore
2.07 Liner Shipping Connectivity Index 0-157.1 (best)	50.2	50.1 ↑	30	Multiple (4)
2.08 Efficiency of seaport services 1-7 (best)	4.6	60.8 ↑	38	Singapore
2.09 Electrification rate % pop.	100.0	100.0 =	1	Multiple (66)
2.10 Electric power transmission and distribution losses % output	8.0	95.9 ↓	49	Multiple (9)
2.11 Exposure to unsafe drinking water % pop.	0.7	100.0 =	17	Multiple (23)
2.12 Reliability of water supply 1-7 (best)	5.9	81.6 ↑	37	Switzerland
 <b>Pillar 3: ICT adoption</b> 0-100 (best)	-	<b>58.9</b> ↑	<b>57</b>	<b>Korea, Rep.</b>
3.01 Mobile-cellular telephone subscriptions /100 pop.	115.9	96.6 ↑	76	Multiple (68)
3.02 Mobile-broadband subscriptions /100 pop.	63.4	n/a	80	United Arab Emirates
3.03 Fixed-broadband Internet subscriptions /100 pop.	33.9	67.7 ↑	18	Switzerland
3.04 Fibre Internet subscriptions /100 pop.	0.1	n/a	92	Korea, Rep.
3.05 Internet users % pop.	69.1	69.1 ↑	56	Iceland
 <b>Pillar 4: Macroeconomic stability</b> 0-100 (best)	-	<b>73.6</b> ↑	<b>83</b>	<b>Multiple (31)</b>
4.01 Inflation annual % change	0.6	100.0 ↑	1	Multiple (74)
4.02 Debt dynamics 0-100 (best)	47.3	47.3 ↓	99	Multiple (36)
 <b>Pillar 5: Health</b> 0-100 (best)	-	<b>95.7</b> ↑	<b>21</b>	<b>Multiple (4)</b>
5.01 Healthy life expectancy years	70.6	95.7 ↑	20	Multiple (4)
 <b>Pillar 6: Skills</b> 0-100 (best)	-	<b>70.4</b> ↓	<b>39</b>	<b>Finland</b>
6.01 Mean years of schooling Years	10.7	71.6 =	44	Finland
6.02 Extent of staff training 1-7 (best)	3.6	43.5 ↓	99	Switzerland
6.03 Quality of vocational training 1-7 (best)	3.5	41.5 ↓	111	Switzerland
6.04 Skillset of graduates 1-7 (best)	4.4	56.0 ↑	46	Switzerland
6.05 Digital skills among population 1-7 (best)	4.2	53.3 ↓	72	Sweden
6.06 Ease of finding skilled employees 1-7 (best)	4.4	56.6 ↓	52	United States
6.07 School life expectancy Years	17.3	95.9 =	15	Multiple (9)
6.08 Critical thinking in teaching 1-7 (best)	2.7	27.7 ↓	119	United States
6.09 Pupil-to-teacher ratio in primary education Ratio	9.6	100.0 =	6	Multiple (6)

Index Component	Value	Score *	Rank/140	Best Performer
 <b>Pillar 7: Product market</b> 0-100 (best)	-	<b>56.7</b> ↑	<b>63</b>	<b>Singapore</b>
7.01 Distortive effect of taxes and subsidies on competition 1-7 (best)	3.1	34.5 ↑	118	Singapore
7.02 Extent of market dominance 1-7 (best)	3.8	47.3 ↓	50	Switzerland
7.03 Competition in services 1-7 (best)	5.0	66.6 ↑	64	Hong Kong SAR
7.04 Prevalence of non-tariff barriers 1-7 (best)	4.9	65.6 ↑	24	Singapore
7.05 Trade tariffs % duty	1.13	92.4 ↓	23	Hong Kong SAR
7.06 Complexity of tariffs 1-7 (best)	3.0	33.7 ↓	112	Hong Kong SAR
7.07 Efficiency of the clearance process 1-5 (best)	2.8	46.0 ↓	48	Germany
7.08 Services trade openness 0-100 (worst)	18.0	82.0 =	31	Ecuador
 <b>Pillar 8: Labour market</b> 0-100 (best)	-	<b>51.8</b> ↑	<b>107</b>	<b>United States</b>
8.01 Redundancy costs weeks of salary	15.9	75.2 =	69	Multiple (8)
8.02 Hiring and firing practices 1-7 (best)	3.5	42.1 ↑	97	Hong Kong SAR
8.03 Cooperation in Labour-employer relations 1-7 (best)	4.0	50.1 ↓	105	Switzerland
8.04 Flexibility of wage determination 1-7 (best)	4.4	56.8 ↑	110	Hong Kong SAR
8.05 Active Labour policies 1-7 (best)	2.9	31.4 ↑	87	Switzerland
8.06 Workers' rights 0-100 (best)	0.0	0.0	116	Multiple (4)
8.07 Ease of hiring foreign labour 1-7 (best)	4.4	57.0 ↑	43	Albania
8.08 Internal Labour mobility 1-7 (best)	3.8	46.9 ↑	120	Guinea
8.09 Reliance on professional management 1-7 (best)	4.0	49.9 ↓	84	Finland
8.10 Pay and productivity 1-7 (best)	3.4	40.5 ↓	111	United States
8.11 Female participation in Labour force ratio	0.78	71.9 ↑	59	Multiple (4)
8.12 Labour tax rate %	28.0	72.2 ↓	119	Multiple (26)
 <b>Pillar 9: Financial system</b> 0-100 (best)	-	<b>49.4</b> ↑	<b>114</b>	<b>United States</b>
9.01 Domestic credit to private sector % GDP	112.6	100.0 =	23	Multiple (29)
9.02 Financing of SMEs 1-7 (best)	2.4	22.7 ↑	137	United States
9.03 Venture capital availability 1-7 (best)	2.0	16.8 ↑	129	United States
9.04 Market capitalization % GDP	21.4	21.4 ↓	74	Multiple (12)
9.05 Insurance premium % GDP	2.1	34.6 =	56	Multiple (16)
9.06 Soundness of banks 1-7 (best)	2.6	26.1 ↓	137	Finland
9.07 Non-performing loans % loan portfolio value	36.3	27.7 ↑	137	Multiple (2)
9.08 Credit gap percentage points	-16.7	100.0 =	10	Multiple (97)
9.09 Banks' regulatory capital ratio ratio	14.7	95.3 =	93	Multiple (72)
 <b>Pillar 10: Market size</b> 0-100 (best)	-	<b>59.0</b> ↑	<b>58</b>	<b>China</b>
10.01 Gross domestic product PPP \$ billions	272	n/a	54	China
10.02 Imports % GDP	34.4	n/a	89	Hong Kong SAR
 <b>Pillar 11: Business dynamism</b> 0-100 (best)	-	<b>58.0</b> ↓	<b>72</b>	<b>United States</b>
11.01 Cost of starting a business % GNI per capita	2.2	98.9 =	45	Multiple (2)
11.02 Time to start a business days	12.5	87.9 ↑	77	New Zealand
11.03 Insolvency recovery rate cents/\$	33.6	36.2 ↓	80	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)	3.7	45.6 ↓	90	Israel
11.06 Willingness to delegate authority 1-7 (best)	3.9	48.6 ↓	100	Denmark
11.07 Growth of innovative companies 1-7 (best)	3.3	38.4 ↓	120	Israel
11.08 Companies embracing disruptive ideas 1-7 (best)	3.0	33.1 ↓	126	United States
 <b>Pillar 12: Innovation capability</b> 0-100 (best)	-	<b>45.0</b> ↓	<b>44</b>	<b>Germany</b>
12.01 Diversity of workforce 1-7 (best)	3.7	45.8 ↓	123	Canada
12.02 State of cluster development 1-7 (best)	2.9	32.3 ↓	127	United States
12.03 International co-inventions applications/million pop.	1.30	25.6 ↓	39	Multiple (7)
12.04 Multi-stakeholder collaboration 1-7 (best)	3.0	33.3 ↓	123	United States
12.05 Scientific publications H Index	412.7	89.2 ↑	30	Multiple (7)
12.06 Patent applications applications/million pop.	9.72	43.6 ↑	36	Multiple (8)
12.07 R&D expenditures % GDP	1.0	31.9 ↑	40	Multiple (7)
12.08 Quality of research institutions index	0.06	16.2 ↓	31	Multiple (7)
12.09 Buyer sophistication 1-7 (best)	3.1	35.5 ↓	94	United States
12.10 Trademark applications applications/million pop.	n/a	96.8 ↑	n/a	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/>

