

Global Competitiveness Index 4.0 2018 edition

Rank in 2017 edition: 26th/135

## Performance Overview Key

◇ Previous edition   △ Upper middle income group average   □ East Asia and Pacific average

### 2018









## Selected contextual indicators

Population millions	32.1	GDP (PPP) % world GDP	0.73
GDP per capita US\$	9,812.8	Unemployment rate %	3.4
10-year average annual GDP growth %	4.6	5-year average FDI inward flow % GDP	3.4

## Social and environmental performance

Environmental footprint gha/capita	4.4	Global Gender Gap Index 0-1 (gender parity)	0.7
Inclusive Development Index 1-7 (best)	4.3	Income Gini 0 (perfect equality) -100 (perfect inequality)	41.0

Index Component	Value	Score *	Rank/140	Best Performer
 <b>Pillar 1: Institutions</b> 0-100 (best)	-	<b>68.7</b> ↑	<b>24</b>	<b>New Zealand</b>
1.01 Organized crime 1-7 (best)	5.3	71.1 ↑	44	Finland
1.02 Homicide rate /100,000 pop.	2.1	94.5 =	62	Multiple (9)
1.03 Terrorism incidence 0 (very high) -100 (no incidence)	99.3	99.3 ↑	86	Multiple (24)
1.04 Reliability of police services 1-7 (best)	5.6	76.3 ↑	29	Finland
1.05 Social capital 0-100 (high)	56.8	56.8 =	30	Australia
1.06 Budget transparency 0-100 (best)	50.0	50.0 =	77	Multiple (2)
1.07 Judicial independence 1-7 (best)	5.0	66.7 ↑	33	Finland
1.08 Efficiency of legal framework in challenging regulations 1-7 (best)	4.8	62.7 ↑	12	Finland
1.09 Freedom of the press 0-100 (worst)	47.4	52.6 ↓	118	Norway
1.10 Burden of government regulation 1-7 (best)	5.0	66.8 ↑	5	Singapore
1.11 Efficiency of legal framework in settling disputes 1-7 (best)	5.2	70.3 ↑	15	Singapore
1.12 E-Participation Index 0-1 (best)	0.89	88.8 ↑	32	Multiple (3)
1.13 Future orientation of government 1-7 (best)	5.2	70.6 ↓	9	Singapore
1.14 Incidence of corruption 0-100 (best)	47.0	47.0 ↓	55	New Zealand
1.15 Property rights 1-7 (best)	5.6	76.6 ↑	22	Finland
1.16 Intellectual property protection 1-7 (best)	5.4	73.7 ↑	24	Finland
1.17 Quality of land administration 0-30 (best)	27.5	91.7 =	6	Singapore
1.18 Strength of auditing and reporting standards 1-7 (best)	5.6	77.2 ↑	23	Finland
1.19 Conflict of interest regulation 0-10 (best)	8.7	87.0 =	4	Multiple (2)
1.20 Shareholder governance 0-10 (best)	7.3	73.0 ↑	15	Kazakhstan
 <b>Pillar 2: Infrastructure</b> 0-100 (best)	-	<b>77.9</b> ↓	<b>32</b>	<b>Singapore</b>
2.01 Road connectivity index 0-100 (best)	26.8	26.8 =	128	United States
2.02 Quality of roads 1-7 (best)	5.5	74.2 ↑	20	Singapore
2.03 Railroad density km of roads/square km	6.8	17.0 =	59	Multiple (20)
2.04 Efficiency of train services 1-7 (best)	5.2	69.5 ↑	13	Switzerland
2.05 Airport connectivity score	420,239.6	88.9 ↓	20	Multiple (8)
2.06 Efficiency of air transport services 1-7 (best)	5.6	76.4 ↓	19	Singapore
2.07 Liner Shipping Connectivity Index 0-157.1 (best)	98.1	98.1 ↓	5	Multiple (4)
2.08 Efficiency of seaport services 1-7 (best)	5.3	71.5 ↑	17	Singapore
2.09 Electrification rate % pop.	98.6	98.6 ↓	85	Multiple (66)
2.10 Electric power transmission and distribution losses % output	5.9	98.0 ↓	28	Multiple (9)
2.11 Exposure to unsafe drinking water % pop.	10.7	91.1 =	69	Multiple (23)
2.12 Reliability of water supply 1-7 (best)	5.4	74.2 ↓	50	Switzerland
 <b>Pillar 3: ICT adoption</b> 0-100 (best)	-	<b>69.1</b> ↑	<b>32</b>	<b>Korea, Rep.</b>
3.01 Mobile-cellular telephone subscriptions /100 pop.	133.9	100.0 =	32	Multiple (68)
3.02 Mobile-broadband subscriptions /100 pop.	111.5	n/a	19	United Arab Emirates
3.03 Fixed-broadband Internet subscriptions /100 pop.	8.5	17.0 ↓	77	Switzerland
3.04 Fibre Internet subscriptions /100 pop.	3.8	n/a	39	Korea, Rep.
3.05 Internet users % pop.	78.8	78.8 ↑	34	Iceland
 <b>Pillar 4: Macroeconomic stability</b> 0-100 (best)	-	<b>100.0</b> =	<b>1</b>	<b>Multiple (31)</b>
4.01 Inflation annual % change	2.9	100.0 =	1	Multiple (74)
4.02 Debt dynamics 0-100 (best)	100.0	100.0 =	1	Multiple (36)
 <b>Pillar 5: Health</b> 0-100 (best)	-	<b>82.6</b> ↑	<b>62</b>	<b>Multiple (4)</b>
5.01 Healthy life expectancy years	66.4	82.6 ↑	61	Multiple (4)
 <b>Pillar 6: Skills</b> 0-100 (best)	-	<b>74.2</b> ↑	<b>24</b>	<b>Finland</b>
6.01 Mean years of schooling Years	10.5	70.0 =	49	Finland
6.02 Extent of staff training 1-7 (best)	5.4	72.6 ↑	4	Switzerland
6.03 Quality of vocational training 1-7 (best)	5.3	70.8 ↓	9	Switzerland
6.04 Skillset of graduates 1-7 (best)	5.3	71.8 ↑	6	Switzerland
6.05 Digital skills among population 1-7 (best)	5.4	73.1 ↑	11	Sweden
6.06 Ease of finding skilled employees 1-7 (best)	5.3	71.4 ↓	4	United States
6.07 School life expectancy Years	13.7	76.0 ↑	74	Multiple (9)
6.08 Critical thinking in teaching 1-7 (best)	4.7	61.8 ↓	16	United States
6.09 Pupil-to-teacher ratio in primary education Ratio	11.6	96.0 ↓	18	Multiple (6)

Index Component	Value	Score *	Rank/140	Best Performer
 <b>Pillar 7: Product market</b> 0-100 (best)	-	<b>63.6</b> ↑	<b>24</b>	<b>Singapore</b>
7.01 Distortive effect of taxes and subsidies on competition 1-7 (best)	4.6	60.7 ↑	18	Singapore
7.02 Extent of market dominance 1-7 (best)	5.0	67.4 ↑	9	Switzerland
7.03 Competition in services 1-7 (best)	5.5	75.2 ↑	13	Hong Kong SAR
7.04 Prevalence of non-tariff barriers 1-7 (best)	5.1	68.3 ↑	16	Singapore
7.05 Trade tariffs % duty	5.11	65.9 ↓	68	Hong Kong SAR
7.06 Complexity of tariffs 1-7 (best)	4.4	57.3 ↓	99	Hong Kong SAR
7.07 Efficiency of the clearance process 1-5 (best)	2.9	47.5 ↓	44	Germany
7.08 Services trade openness 0-100 (worst)	42.3	57.7 =	79	Ecuador
 <b>Pillar 8: Labour market</b> 0-100 (best)	-	<b>70.2</b> ↑	<b>20</b>	<b>United States</b>
8.01 Redundancy costs weeks of salary	23.9	58.6 =	105	Multiple (8)
8.02 Hiring and firing practices 1-7 (best)	5.0	66.3 ↑	9	Hong Kong SAR
8.03 Cooperation in Labour-employer relations 1-7 (best)	5.4	73.2 ↑	15	Switzerland
8.04 Flexibility of wage determination 1-7 (best)	5.5	75.3 ↑	21	Hong Kong SAR
8.05 Active Labour policies 1-7 (best)	5.0	66.0 ↓	11	Switzerland
8.06 Workers' rights 0-100 (best)	70.1	70.1 ↑	71	Multiple (4)
8.07 Ease of hiring foreign labour 1-7 (best)	4.6	59.6 ↑	29	Albania
8.08 Internal Labour mobility 1-7 (best)	5.3	72.3 ↑	8	Guinea
8.09 Reliance on professional management 1-7 (best)	5.6	76.1 ↑	17	Finland
8.10 Pay and productivity 1-7 (best)	5.3	71.7 ↑	5	United States
8.11 Female participation in Labour force ratio	0.64	54.7 ↑	85	Multiple (4)
8.12 Labour tax rate %	16.4	88.3 =	70	Multiple (26)
 <b>Pillar 9: Financial system</b> 0-100 (best)	-	<b>84.1</b> ↑	<b>15</b>	<b>United States</b>
9.01 Domestic credit to private sector % GDP	123.2	100.0 =	19	Multiple (29)
9.02 Financing of SMEs 1-7 (best)	5.2	69.8 ↑	5	United States
9.03 Venture capital availability 1-7 (best)	4.7	61.6 ↑	5	United States
9.04 Market capitalization % GDP	128.8	100.0 =	9	Multiple (12)
9.05 Insurance premium % GDP	4.2	69.7 =	32	Multiple (16)
9.06 Soundness of banks 1-7 (best)	5.5	75.7 ↑	38	Finland
9.07 Non-performing loans % loan portfolio value	1.6	97.8 ↓	23	Multiple (2)
9.08 Credit gap percentage points	7.4	85.7 ↑	126	Multiple (97)
9.09 Banks' regulatory capital ratio ratio	15.4	96.8 =	83	Multiple (72)
 <b>Pillar 10: Market size</b> 0-100 (best)	-	<b>73.0</b> ↑	<b>23</b>	<b>China</b>
10.01 Gross domestic product PPP \$ billions	848	n/a	26	China
10.02 Imports % GDP	75.3	n/a	19	Hong Kong SAR
 <b>Pillar 11: Business dynamism</b> 0-100 (best)	-	<b>73.8</b> ↑	<b>19</b>	<b>United States</b>
11.01 Cost of starting a business % GNI per capita	5.4	97.3 ↑	60	Multiple (2)
11.02 Time to start a business days	18.5	81.9 =	98	New Zealand
11.03 Insolvency recovery rate cents/\$	81.3	87.5 ↓	19	Norway
11.04 Insolvency regulatory framework 0-16 (best)	6.0	37.5 =	110	Multiple (5)
11.05 Attitudes toward entrepreneurial risk 1-7 (best)	5.2	69.7 ↑	3	Israel
11.06 Willingness to delegate authority 1-7 (best)	5.5	75.0 ↑	15	Denmark
11.07 Growth of innovative companies 1-7 (best)	5.3	71.5 ↑	5	Israel
11.08 Companies embracing disruptive ideas 1-7 (best)	5.2	69.9 ↑	2	United States
 <b>Pillar 12: Innovation capability</b> 0-100 (best)	-	<b>55.5</b> ↑	<b>30</b>	<b>Germany</b>
12.01 Diversity of workforce 1-7 (best)	5.3	71.0 ↓	17	Canada
12.02 State of cluster development 1-7 (best)	5.3	71.1 ↑	9	United States
12.03 International co-inventions applications/million pop.	1.85	32.1 ↑	33	Multiple (7)
12.04 Multi-stakeholder collaboration 1-7 (best)	5.3	71.8 ↑	6	United States
12.05 Scientific publications H Index	232.3	80.8 ↑	44	Multiple (7)
12.06 Patent applications applications/million pop.	6.29	36.5 ↓	42	Multiple (8)
12.07 R&D expenditures % GDP	1.3	43.3 ↑	28	Multiple (7)
12.08 Quality of research institutions index	0.05	14.7 ↑	34	Multiple (7)
12.09 Buyer sophistication 1-7 (best)	4.8	62.9 ↑	8	United States
12.10 Trademark applications applications/million pop.	699.91	70.5 ↑	55	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/>

