

Global Competitiveness Index 4.0 2018 edition

Rank in 2017 edition: 43rd/135

## Performance Overview 2018

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









### Selected contextual indicators

Population millions	0.9	GDP (PPP) % world GDP	0.03
GDP per capita US\$	24,976.2	Unemployment rate %	11.0
10-year average annual GDP growth %	0.2	5-year average FDI inward flow % GDP	40.5

### Social and environmental performance

Environmental footprint gha/capita	3.3	Income Gini 0 (perfect equality) -100 (perfect inequality)	34.0
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)	-	<b>63.0</b> ↑	<b>37</b>	<b>New Zealand</b>
1.01 Organized crime 1-7 (best)	5.2	69.8 ↑	46	Finland
1.02 Homicide rate /100,000 pop.	1.1	97.9 ↑	36	Multiple (9)
1.03 Terrorism incidence 0 (very high) -100 (no incidence)	99.9	99.9 ↑	58	Multiple (24)
1.04 Reliability of police services 1-7 (best)	4.9	64.6 ↑	49	Finland
1.05 Social capital 0-100 (high)	55.6	55.6 ↓	36	Australia
1.06 Budget transparency 0-100 (best)	46.2	46.2 =	90	Multiple (2)
1.07 Judicial independence 1-7 (best)	4.8	63.8 ↑	39	Finland
1.08 Efficiency of legal framework in challenging regulations 1-7 (best)	4.1	52.0 ↑	32	Finland
1.09 Freedom of the press 0-100 (worst)	19.9	80.2 ↓	23	Norway
1.10 Burden of government regulation 1-7 (best)	3.8	46.1 ↓	45	Singapore
1.11 Efficiency of legal framework in settling disputes 1-7 (best)	3.6	43.9 ↑	73	Singapore
1.12 E-Participation Index 0-1 (best)	0.82	82.0 ↑	45	Multiple (3)
1.13 Future orientation of government 1-7 (best)	3.8	47.5 ↑	60	Singapore
1.14 Incidence of corruption 0-100 (best)	57.0	57.0 ↑	38	New Zealand
1.15 Property rights 1-7 (best)	4.9	65.2 ↑	41	Finland
1.16 Intellectual property protection 1-7 (best)	4.7	61.3 ↑	41	Finland
1.17 Quality of land administration 0-30 (best)	23.0	76.7 =	29	Singapore
1.18 Strength of auditing and reporting standards 1-7 (best)	4.6	60.3 ↑	70	Finland
1.19 Conflict of interest regulation 0-10 (best)	6.3	63.0 =	45	Multiple (2)
1.20 Shareholder governance 0-10 (best)	6.3	63.0 =	45	Kazakhstan
 <b>Pillar 2: Infrastructure</b> 0-100 (best)	-	<b>74.9</b> ↑	<b>43</b>	<b>Singapore</b>
2.01 Road connectivity index 0-100 (best)	72.7	72.7 =	50	United States
2.02 Quality of roads 1-7 (best)	5.2	70.3 ↑	23	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)	2.0	16.7 ↑	118	Switzerland
2.05 Airport connectivity score	46,603.1	50.9 ↓	66	Multiple (8)
2.06 Efficiency of air transport services 1-7 (best)	5.1	68.9 ↑	42	Singapore
2.07 Liner Shipping Connectivity Index 0-157.1 (best)	13.0	13.0 ↓	75	Multiple (4)
2.08 Efficiency of seaport services 1-7 (best)	4.2	54.0 ↑	62	Singapore
2.09 Electrification rate % pop.	100.0	100.0 =	1	Multiple (66)
2.10 Electric power transmission and distribution losses % output	4.7	99.2 ↓	18	Multiple (9)
2.11 Exposure to unsafe drinking water % pop.	0.8	100.0 =	20	Multiple (23)
2.12 Reliability of water supply 1-7 (best)	5.8	79.8 ↑	42	Switzerland
 <b>Pillar 3: ICT adoption</b> 0-100 (best)	-	<b>68.8</b> ↑	<b>33</b>	<b>Korea, Rep.</b>
3.01 Mobile-cellular telephone subscriptions /100 pop.	138.5	100.0 =	28	Multiple (68)
3.02 Mobile-broadband subscriptions /100 pop.	106.4	n/a	20	United Arab Emirates
3.03 Fixed-broadband Internet subscriptions /100 pop.	34.8	69.6 ↑	16	Switzerland
3.04 Fibre Internet subscriptions /100 pop.	0.0	n/a	110	Korea, Rep.
3.05 Internet users % pop.	75.9	75.9 ↑	42	Iceland
 <b>Pillar 4: Macroeconomic stability</b> 0-100 (best)	-	<b>78.9</b> ↑	<b>63</b>	<b>Multiple (31)</b>
4.01 Inflation annual % change	-0.3	97.9 ↑	95	Multiple (74)
4.02 Debt dynamics 0-100 (best)	60.0	60.0 =	63	Multiple (36)
 <b>Pillar 5: Health</b> 0-100 (best)	-	<b>94.4</b> ↑	<b>26</b>	<b>Multiple (4)</b>
5.01 Healthy life expectancy years	70.2	94.4 ↑	25	Multiple (4)
 <b>Pillar 6: Skills</b> 0-100 (best)	-	<b>72.8</b> ↓	<b>33</b>	<b>Finland</b>
6.01 Mean years of schooling Years	11.9	79.2 =	31	Finland
6.02 Extent of staff training 1-7 (best)	4.2	53.7 ↑	50	Switzerland
6.03 Quality of vocational training 1-7 (best)	4.3	55.4 ↑	51	Switzerland
6.04 Skillset of graduates 1-7 (best)	4.9	65.3 ↑	23	Switzerland
6.05 Digital skills among population 1-7 (best)	4.9	65.6 ↓	31	Sweden
6.06 Ease of finding skilled employees 1-7 (best)	4.8	63.0 ↑	29	United States
6.07 School life expectancy Years	14.6	80.9 =	63	Multiple (9)
6.08 Critical thinking in teaching 1-7 (best)	3.8	45.9 ↓	44	United States
6.09 Pupil-to-teacher ratio in primary education Ratio	11.9	95.2 =	23	Multiple (6)

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 <b>Pillar 7: Product market</b> 0-100 (best)	-	<b>63.3</b> ↑	<b>26</b>	<b>Singapore</b>
7.01 Distortive effect of taxes and subsidies on competition 1-7 (best)	4.4	56.2 ↑	30	Singapore
7.02 Extent of market dominance 1-7 (best)	4.1	51.2 ↑	42	Switzerland
7.03 Competition in services 1-7 (best)	5.5	74.2 ↑	17	Hong Kong SAR
7.04 Prevalence of non-tariff barriers 1-7 (best)	4.9	64.5 ↑	27	Singapore
7.05 Trade tariffs % duty	1.13	92.4 ↓	16	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)	3.1	51.3 ↓	37	Germany
7.08 Services trade openness 0-100 (worst)	n/a	88.2 ↓	n/a	Ecuador
 <b>Pillar 8: Labour market</b> 0-100 (best)	-	<b>66.9</b> ↑	<b>28</b>	<b>United States</b>
8.01 Redundancy costs weeks of salary	5.7	96.5 =	13	Multiple (8)
8.02 Hiring and firing practices 1-7 (best)	4.0	50.1 ↑	52	Hong Kong SAR
8.03 Cooperation in Labour-employer relations 1-7 (best)	4.8	63.3 ↑	36	Switzerland
8.04 Flexibility of wage determination 1-7 (best)	4.7	61.3 ↑	94	Hong Kong SAR
8.05 Active Labour policies 1-7 (best)	4.0	49.8 ↑	45	Switzerland
8.06 Workers' rights 0-100 (best)	n/a	86.9 ↑	n/a	Multiple (4)
8.07 Ease of hiring foreign labour 1-7 (best)	4.0	50.5 ↓	78	Albania
8.08 Internal Labour mobility 1-7 (best)	4.3	55.2 ↑	83	Guinea
8.09 Reliance on professional management 1-7 (best)	3.7	45.6 ↓	101	Finland
8.10 Pay and productivity 1-7 (best)	3.8	47.3 ↑	73	United States
8.11 Female participation in Labour force ratio	0.94	92.8 ↑	15	Multiple (4)
8.12 Labour tax rate %	13.4	92.5 =	53	Multiple (26)
 <b>Pillar 9: Financial system</b> 0-100 (best)	-	<b>53.3</b> ↑	<b>95</b>	<b>United States</b>
9.01 Domestic credit to private sector % GDP	241.2	100.0 =	1	Multiple (29)
9.02 Financing of SMEs 1-7 (best)	3.5	42.2 ↑	97	United States
9.03 Venture capital availability 1-7 (best)	2.5	25.4 ↑	102	United States
9.04 Market capitalization % GDP	14.5	14.5 ↑	85	Multiple (12)
9.05 Insurance premium % GDP	3.6	59.8 =	36	Multiple (16)
9.06 Soundness of banks 1-7 (best)	3.3	38.8 ↑	126	Finland
9.07 Non-performing loans % loan portfolio value	48.7	2.7 ↓	138	Multiple (2)
9.08 Credit gap percentage points	-36.6	100.0 =	2	Multiple (97)
9.09 Banks' regulatory capital ratio ratio	15.3	96.5 =	86	Multiple (72)
 <b>Pillar 10: Market size</b> 0-100 (best)	-	<b>39.1</b> ↑	<b>110</b>	<b>China</b>
10.01 Gross domestic product PPP \$ billions	29	n/a	114	China
10.02 Imports % GDP	72.8	n/a	22	Hong Kong SAR
 <b>Pillar 11: Business dynamism</b> 0-100 (best)	-	<b>66.9</b> ↓	<b>34</b>	<b>United States</b>
11.01 Cost of starting a business % GNI per capita	12.4	93.8 ↓	86	Multiple (2)
11.02 Time to start a business days	6.0	94.5 =	31	New Zealand
11.03 Insolvency recovery rate cents/\$	73.2	78.8 ↓	25	Norway
11.04 Insolvency regulatory framework 0-16 (best)	12.5	78.1 =	24	Multiple (5)
11.05 Attitudes toward entrepreneurial risk 1-7 (best)	4.3	54.8 ↑	40	Israel
11.06 Willingness to delegate authority 1-7 (best)	4.1	51.9 ↓	82	Denmark
11.07 Growth of innovative companies 1-7 (best)	3.6	42.9 ↑	105	Israel
11.08 Companies embracing disruptive ideas 1-7 (best)	3.4	40.1 ↑	78	United States
 <b>Pillar 12: Innovation capability</b> 0-100 (best)	-	<b>44.7</b> ↑	<b>45</b>	<b>Germany</b>
12.01 Diversity of workforce 1-7 (best)	4.1	52.3 ↑	92	Canada
12.02 State of cluster development 1-7 (best)	3.8	46.3 ↑	70	United States
12.03 International co-inventions applications/million pop.	1.11	22.9 ↓	44	Multiple (7)
12.04 Multi-stakeholder collaboration 1-7 (best)	3.5	40.9 ↓	82	United States
12.05 Scientific publications H Index	156.3	74.9 ↑	67	Multiple (7)
12.06 Patent applications applications/million pop.	8.49	41.4 ↓	39	Multiple (8)
12.07 R&D expenditures % GDP	0.5	15.2 ↓	68	Multiple (7)
12.08 Quality of research institutions index	0.01	2.3 ↑	67	Multiple (7)
12.09 Buyer sophistication 1-7 (best)	4.0	50.5 ↑	34	United States
12.10 Trademark applications applications/million pop.	23,589.50	100.0 =	3	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/>

