

Global Competitiveness Index 4.0 2018 edition

Rank in 2017 edition: 90th/135

## Performance Overview 2018

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









## Selected contextual indicators

Population millions	3.5	GDP (PPP) % world GDP	0.04
GDP per capita US\$	5,149.0	Unemployment rate %	25.6
10-year average annual GDP growth %	1.8	5-year average FDI inward flow % GDP	2.2

## Social and environmental performance

Environmental footprint gha/capita	3.3	Income Gini 0 (perfect equality) -100 (perfect inequality)	32.7
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)	-	45.6 ↓	111	New Zealand
1.01 Organized crime 1-7 (best)	4.2	53.1 ↑	103	Finland
1.02 Homicide rate /100,000 pop.	1.3	97.4 ↑	42	Multiple (9)
1.03 Terrorism incidence 0 (very high) -100 (no incidence)	99.9	99.9 ↑	64	Multiple (24)
1.04 Reliability of police services 1-7 (best)	3.5	41.3 ↓	109	Finland
1.05 Social capital 0-100 (high)	n/a	53.0 ↑	n/a	Australia
1.06 Budget transparency 0-100 (best)	50.0	50.0 =	77	Multiple (2)
1.07 Judicial independence 1-7 (best)	2.4	23.5 ↓	124	Finland
1.08 Efficiency of legal framework in challenging regulations 1-7 (best)	1.8	13.8 ↓	137	Finland
1.09 Freedom of the press 0-100 (worst)	27.4	72.6 ↑	50	Norway
1.10 Burden of government regulation 1-7 (best)	2.2	19.8 ↓	135	Singapore
1.11 Efficiency of legal framework in settling disputes 1-7 (best)	2.2	19.6 ↓	134	Singapore
1.12 E-Participation Index 0-1 (best)	0.43	43.3 ↓	109	Multiple (3)
1.13 Future orientation of government 1-7 (best)	2.1	18.7 ↓	137	Singapore
1.14 Incidence of corruption 0-100 (best)	38.0	38.0 ↓	77	New Zealand
1.15 Property rights 1-7 (best)	3.3	37.9 ↑	130	Finland
1.16 Intellectual property protection 1-7 (best)	2.9	32.3 ↓	135	Finland
1.17 Quality of land administration 0-30 (best)	12.5	41.7 =	89	Singapore
1.18 Strength of auditing and reporting standards 1-7 (best)	3.4	40.4 ↑	129	Finland
1.19 Conflict of interest regulation 0-10 (best)	4.7	47.0 =	106	Multiple (2)
1.20 Shareholder governance 0-10 (best)	7.0	70.0 =	24	Kazakhstan
 <b>Pillar 2: Infrastructure</b> 0-100 (best)	-	60.7 ↓	89	Singapore
2.01 Road connectivity index 0-100 (best)	49.2	49.2 =	93	United States
2.02 Quality of roads 1-7 (best)	2.8	30.2 ↓	117	Singapore
2.03 Railroad density km of roads/square km	19.9	49.7 =	39	Multiple (20)
2.04 Efficiency of train services 1-7 (best)	2.1	18.6 ↓	113	Switzerland
2.05 Airport connectivity score	8,944.1	30.9 ↑	98	Multiple (8)
2.06 Efficiency of air transport services 1-7 (best)	3.3	37.7 ↑	122	Singapore
2.07 Liner Shipping Connectivity Index 0-157.1 (best)	n/a	n/a	n/a	Multiple (4)
2.08 Efficiency of seaport services 1-7 (best)	2.0	16.2 ↓	134	Singapore
2.09 Electrification rate % pop.	100.0	100.0 =	1	Multiple (66)
2.10 Electric power transmission and distribution losses % output	10.3	93.4 ↓	66	Multiple (9)
2.11 Exposure to unsafe drinking water % pop.	7.8	94.1 ↑	49	Multiple (23)
2.12 Reliability of water supply 1-7 (best)	4.2	54.1 ↓	96	Switzerland
 <b>Pillar 3: ICT adoption</b> 0-100 (best)	-	45.8 ↑	86	Korea, Rep.
3.01 Mobile-cellular telephone subscriptions /100 pop.	98.1	81.7 ↑	103	Multiple (68)
3.02 Mobile-broadband subscriptions /100 pop.	43.4	n/a	104	United Arab Emirates
3.03 Fixed-broadband Internet subscriptions /100 pop.	18.9	37.8 ↑	50	Switzerland
3.04 Fibre Internet subscriptions /100 pop.	0.0	n/a	96	Korea, Rep.
3.05 Internet users % pop.	60.3	60.3 ↑	66	Iceland
 <b>Pillar 4: Macroeconomic stability</b> 0-100 (best)	-	74.4 ↑	73	Multiple (31)
4.01 Inflation annual % change	0.1	98.8 ↑	80	Multiple (74)
4.02 Debt dynamics 0-100 (best)	50.0	50.0 =	64	Multiple (36)
 <b>Pillar 5: Health</b> 0-100 (best)	-	85.3 ↑	52	Multiple (4)
5.01 Healthy life expectancy years	67.3	85.3 ↑	51	Multiple (4)
 <b>Pillar 6: Skills</b> 0-100 (best)	-	57.5 ↓	87	Finland
6.01 Mean years of schooling Years	9.0	60.0 =	74	Finland
6.02 Extent of staff training 1-7 (best)	3.0	33.8 ↓	133	Switzerland
6.03 Quality of vocational training 1-7 (best)	3.1	35.7 ↓	129	Switzerland
6.04 Skillset of graduates 1-7 (best)	3.2	36.0 ↓	133	Switzerland
6.05 Digital skills among population 1-7 (best)	3.8	47.1 ↑	88	Sweden
6.06 Ease of finding skilled employees 1-7 (best)	3.3	38.1 ↓	130	United States
6.07 School life expectancy Years	14.2	78.9 =	68	Multiple (9)
6.08 Critical thinking in teaching 1-7 (best)	2.5	24.5 ↓	130	United States
6.09 Pupil-to-teacher ratio in primary education Ratio	17.3	81.8 ↓	58	Multiple (6)

Index Component	Value	Score *	Rank/140	Best Performer
 <b>Pillar 7: Product market</b> 0-100 (best)	-	<b>51.6</b> ↑	<b>106</b>	<b>Singapore</b>
7.01 Distortive effect of taxes and subsidies on competition 1-7 (best)	3.0	33.7 ↓	122	Singapore
7.02 Extent of market dominance 1-7 (best)	3.2	36.2 ↓	113	Switzerland
7.03 Competition in services 1-7 (best)	4.4	56.5 ↑	117	Hong Kong SAR
7.04 Prevalence of non-tariff barriers 1-7 (best)	4.4	56.9 ↑	64	Singapore
7.05 Trade tariffs % duty	5.18	65.4 ↓	70	Hong Kong SAR
7.06 Complexity of tariffs 1-7 (best)	4.6	60.0 ↓	97	Hong Kong SAR
7.07 Efficiency of the clearance process 1-5 (best)	2.6	40.8 ↓	69	Germany
7.08 Services trade openness 0-100 (worst)	n/a	81.8 ↓	n/a	Ecuador
 <b>Pillar 8: Labour market</b> 0-100 (best)	-	<b>51.2</b> ↓	<b>112</b>	<b>United States</b>
8.01 Redundancy costs weeks of salary	9.2	89.1 =	25	Multiple (8)
8.02 Hiring and firing practices 1-7 (best)	3.0	34.2 ↓	123	Hong Kong SAR
8.03 Cooperation in Labour-employer relations 1-7 (best)	3.5	42.5 ↓	127	Switzerland
8.04 Flexibility of wage determination 1-7 (best)	5.4	72.7 ↓	34	Hong Kong SAR
8.05 Active Labour policies 1-7 (best)	2.7	28.0 ↑	102	Switzerland
8.06 Workers' rights 0-100 (best)	72.2	72.2 ↑	58	Multiple (4)
8.07 Ease of hiring foreign labour 1-7 (best)	3.1	35.3 ↓	132	Albania
8.08 Internal Labour mobility 1-7 (best)	4.3	55.8 ↓	82	Guinea
8.09 Reliance on professional management 1-7 (best)	3.1	35.4 ↑	131	Finland
8.10 Pay and productivity 1-7 (best)	3.0	33.7 ↓	129	United States
8.11 Female participation in Labour force ratio	0.47	33.1 ↑	104	Multiple (4)
8.12 Labour tax rate %	13.5	92.4 =	56	Multiple (26)
 <b>Pillar 9: Financial system</b> 0-100 (best)	-	<b>55.1</b> ↑	<b>83</b>	<b>United States</b>
9.01 Domestic credit to private sector % GDP	53.8	56.7 ↓	67	Multiple (29)
9.02 Financing of SMEs 1-7 (best)	2.9	32.3 ↑	126	United States
9.03 Venture capital availability 1-7 (best)	2.3	21.1 ↓	117	United States
9.04 Market capitalization % GDP	23.8	23.8 ↑	70	Multiple (12)
9.05 Insurance premium % GDP	1.8	30.8 =	66	Multiple (16)
9.06 Soundness of banks 1-7 (best)	4.3	55.2 ↑	97	Finland
9.07 Non-performing loans % loan portfolio value	11.8	77.2 ↑	111	Multiple (2)
9.08 Credit gap percentage points	-5.4	100.0 =	36	Multiple (97)
9.09 Banks' regulatory capital ratio ratio	16.3	98.7 =	67	Multiple (72)
 <b>Pillar 10: Market size</b> 0-100 (best)	-	<b>41.8</b> ↑	<b>99</b>	<b>China</b>
10.01 Gross domestic product PPP \$ billions	41	n/a	99	China
10.02 Imports % GDP	60.1	n/a	35	Hong Kong SAR
 <b>Pillar 11: Business dynamism</b> 0-100 (best)	-	<b>52.7</b> ↑	<b>106</b>	<b>United States</b>
11.01 Cost of starting a business % GNI per capita	7.7	96.2 ↑	74	Multiple (2)
11.02 Time to start a business days	65.0	35.2 =	134	New Zealand
11.03 Insolvency recovery rate cents/\$	37.9	40.8 ↓	66	Norway
11.04 Insolvency regulatory framework 0-16 (best)	15.0	93.8 =	1	Multiple (5)
11.05 Attitudes toward entrepreneurial risk 1-7 (best)	3.6	43.2 ↑	103	Israel
11.06 Willingness to delegate authority 1-7 (best)	3.4	39.9 ↓	128	Denmark
11.07 Growth of innovative companies 1-7 (best)	3.2	37.1 ↑	128	Israel
11.08 Companies embracing disruptive ideas 1-7 (best)	3.1	35.6 ↑	112	United States
 <b>Pillar 12: Innovation capability</b> 0-100 (best)	-	<b>28.2</b> ↑	<b>114</b>	<b>Germany</b>
12.01 Diversity of workforce 1-7 (best)	3.9	48.0 ↑	115	Canada
12.02 State of cluster development 1-7 (best)	3.2	37.4 ↓	105	United States
12.03 International co-inventions applications/million pop.	0.22	6.2 ↓	71	Multiple (7)
12.04 Multi-stakeholder collaboration 1-7 (best)	2.9	31.5 ↓	131	United States
12.05 Scientific publications H Index	73.7	63.9 ↑	112	Multiple (7)
12.06 Patent applications applications/million pop.	0.50	7.5 ↓	73	Multiple (8)
12.07 R&D expenditures % GDP	0.2	7.3 ↓	91	Multiple (7)
12.08 Quality of research institutions index	0.00	0.8 ↑	85	Multiple (7)
12.09 Buyer sophistication 1-7 (best)	2.3	21.7 ↑	132	United States
12.10 Trademark applications applications/million pop.	208.12	57.5 ↑	91	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/>

