

Global Competitiveness Index 4.0 2018 edition

Rank in 2017 edition: n/a

## Performance Overview 2018

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









## Selected contextual indicators

Population millions	2.1	GDP (PPP) % world GDP	0.02
GDP per capita US\$	5,474.4	Unemployment rate %	22.4
10-year average annual GDP growth %	2.3	5-year average FDI inward flow % GDP	2.5

## Social and environmental performance

Environmental footprint gha/capita	3.1	Global Gender Gap Index 0-1 (gender parity)	0.7
Inclusive Development Index 1-7 (best)	4.1	Income Gini 0 (perfect equality) -100 (perfect inequality)	35.6

Index Component	Value	Score *	Rank/140	Best Performer
 <b>Pillar 1: Institutions</b> 0-100 (best)	-	<b>50.6</b>	<b>85</b>	<b>New Zealand</b>
1.01 Organized crime 1-7 (best)	3.2	37.0	131	Finland
1.02 Homicide rate /100,000 pop.	1.6	96.3 =	51	Multiple (9)
1.03 Terrorism incidence 0 (very high) -100 (no incidence)	99.9	99.9 ↑	60	Multiple (24)
1.04 Reliability of police services 1-7 (best)	3.5	41.3	110	Finland
1.05 Social capital 0-100 (high)	48.2	48.2 ↑	90	Australia
1.06 Budget transparency 0-100 (best)	61.5	61.5 =	49	Multiple (2)
1.07 Judicial independence 1-7 (best)	2.3	22.3	128	Finland
1.08 Efficiency of legal framework in challenging regulations 1-7 (best)	2.2	20.7	129	Finland
1.09 Freedom of the press 0-100 (worst)	32.4	67.6 ↑	89	Norway
1.10 Burden of government regulation 1-7 (best)	2.9	31.3	109	Singapore
1.11 Efficiency of legal framework in settling disputes 1-7 (best)	2.3	21.3	129	Singapore
1.12 E-Participation Index 0-1 (best)	0.70	70.2 ↑	68	Multiple (3)
1.13 Future orientation of government 1-7 (best)	2.9	31.3	120	Singapore
1.14 Incidence of corruption 0-100 (best)	35.0	35.0 ↓	91	New Zealand
1.15 Property rights 1-7 (best)	3.5	41.1	126	Finland
1.16 Intellectual property protection 1-7 (best)	3.0	33.7	133	Finland
1.17 Quality of land administration 0-30 (best)	25.0	83.3 ↑	19	Singapore
1.18 Strength of auditing and reporting standards 1-7 (best)	3.7	45.0	122	Finland
1.19 Conflict of interest regulation 0-10 (best)	8.0	80.0 =	11	Multiple (2)
1.20 Shareholder governance 0-10 (best)	8.0	80.0 =	5	Kazakhstan
 <b>Pillar 2: Infrastructure</b> 0-100 (best)	-	<b>64.5</b>	<b>80</b>	<b>Singapore</b>
2.01 Road connectivity index 0-100 (best)	47.8	47.8 =	98	United States
2.02 Quality of roads 1-7 (best)	3.4	39.3	97	Singapore
2.03 Railroad density km of roads/square km	26.6	66.4 =	31	Multiple (20)
2.04 Efficiency of train services 1-7 (best)	2.0	17.1	116	Switzerland
2.05 Airport connectivity score	5,203.2	25.7 ↑	115	Multiple (8)
2.06 Efficiency of air transport services 1-7 (best)	4.3	54.5	85	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)	2.2	19.2	133	Singapore
2.09 Electrification rate % pop.	100.0	100.0 =	1	Multiple (66)
2.10 Electric power transmission and distribution losses % output	12.7	91.0 ↑	84	Multiple (9)
2.11 Exposure to unsafe drinking water % pop.	6.0	95.9 =	33	Multiple (23)
2.12 Reliability of water supply 1-7 (best)	4.7	62.0	72	Switzerland
 <b>Pillar 3: ICT adoption</b> 0-100 (best)	-	<b>54.0</b>	<b>70</b>	<b>Korea, Rep.</b>
3.01 Mobile-cellular telephone subscriptions /100 pop.	101.9	84.9 ↑	100	Multiple (68)
3.02 Mobile-broadband subscriptions /100 pop.	63.9	n/a	78	United Arab Emirates
3.03 Fixed-broadband Internet subscriptions /100 pop.	18.6	37.1 ↑	51	Switzerland
3.04 Fibre Internet subscriptions /100 pop.	1.0	n/a	58	Korea, Rep.
3.05 Internet users % pop.	72.2	72.2 ↑	51	Iceland
 <b>Pillar 4: Macroeconomic stability</b> 0-100 (best)	-	<b>74.6</b>	<b>70</b>	<b>Multiple (31)</b>
4.01 Inflation annual % change	0.6	100.0 ↑	1	Multiple (74)
4.02 Debt dynamics 0-100 (best)	49.3	49.3 ↓	84	Multiple (36)
 <b>Pillar 5: Health</b> 0-100 (best)	-	<b>80.0</b>	<b>71</b>	<b>Multiple (4)</b>
5.01 Healthy life expectancy years	65.6	80.0 ↑	70	Multiple (4)
 <b>Pillar 6: Skills</b> 0-100 (best)	-	<b>59.0</b>	<b>81</b>	<b>Finland</b>
6.01 Mean years of schooling Years	9.8	65.3 =	63	Finland
6.02 Extent of staff training 1-7 (best)	3.0	33.2	134	Switzerland
6.03 Quality of vocational training 1-7 (best)	3.1	35.3	130	Switzerland
6.04 Skillset of graduates 1-7 (best)	3.5	41.4	114	Switzerland
6.05 Digital skills among population 1-7 (best)	3.6	43.6	106	Sweden
6.06 Ease of finding skilled employees 1-7 (best)	3.3	38.2	129	United States
6.07 School life expectancy Years	13.3	74.0 =	81	Multiple (9)
6.08 Critical thinking in teaching 1-7 (best)	2.7	27.5	121	United States
6.09 Pupil-to-teacher ratio in primary education Ratio	14.4	89.0 =	42	Multiple (6)

Index Component	Value	Score *	Rank/140	Best Performer
 <b>Pillar 7: Product market</b> 0-100 (best)	-	<b>51.5</b>	<b>107</b>	<b>Singapore</b>
7.01 Distortive effect of taxes and subsidies on competition 1-7 (best)	3.3	37.8	109	Singapore
7.02 Extent of market dominance 1-7 (best)	3.0	32.9	124	Switzerland
7.03 Competition in services 1-7 (best)	4.3	55.8	119	Hong Kong SAR
7.04 Prevalence of non-tariff barriers 1-7 (best)	4.1	52.2	99	Singapore
7.05 Trade tariffs % duty	4.96	66.9 ↑	63	Hong Kong SAR
7.06 Complexity of tariffs 1-7 (best)	4.9	65.4 ↓	86	Hong Kong SAR
7.07 Efficiency of the clearance process 1-5 (best)	2.5	36.3 ↑	93	Germany
7.08 Services trade openness 0-100 (worst)	n/a	83.2 ↓	n/a	Ecuador
 <b>Pillar 8: Labour market</b> 0-100 (best)	-	<b>58.1</b>	<b>78</b>	<b>United States</b>
8.01 Redundancy costs weeks of salary	13.0	81.3 =	47	Multiple (8)
8.02 Hiring and firing practices 1-7 (best)	3.7	44.6	85	Hong Kong SAR
8.03 Cooperation in Labour-employer relations 1-7 (best)	3.6	42.7	126	Switzerland
8.04 Flexibility of wage determination 1-7 (best)	4.3	55.5	114	Hong Kong SAR
8.05 Active Labour policies 1-7 (best)	3.1	35.0	74	Switzerland
8.06 Workers' rights 0-100 (best)	73.2	73.2 ↓	54	Multiple (4)
8.07 Ease of hiring foreign labour 1-7 (best)	3.7	44.2	108	Albania
8.08 Internal Labour mobility 1-7 (best)	4.2	52.8	98	Guinea
8.09 Reliance on professional management 1-7 (best)	3.4	40.5	120	Finland
8.10 Pay and productivity 1-7 (best)	3.6	44.1	88	United States
8.11 Female participation in Labour force ratio	0.73	65.7 ↑	70	Multiple (4)
8.12 Labour tax rate %	0.0	100.0 =	1	Multiple (26)
 <b>Pillar 9: Financial system</b> 0-100 (best)	-	<b>55.6</b>	<b>80</b>	<b>United States</b>
9.01 Domestic credit to private sector % GDP	49.3	51.9 ↑	75	Multiple (29)
9.02 Financing of SMEs 1-7 (best)	3.2	37.3	114	United States
9.03 Venture capital availability 1-7 (best)	2.2	20.6	120	United States
9.04 Market capitalization % GDP	22.0	22.0 ↑	72	Multiple (12)
9.05 Insurance premium % GDP	1.3	22.4 =	85	Multiple (16)
9.06 Soundness of banks 1-7 (best)	4.6	59.9	85	Finland
9.07 Non-performing loans % loan portfolio value	6.3	88.3 ↑	80	Multiple (2)
9.08 Credit gap percentage points	-6.9	100.0 =	27	Multiple (97)
9.09 Banks' regulatory capital ratio ratio	16.0	98.0 =	73	Multiple (72)
 <b>Pillar 10: Market size</b> 0-100 (best)	-	<b>39.2</b>	<b>109</b>	<b>China</b>
10.01 Gross domestic product PPP \$ billions	28	n/a	115	China
10.02 Imports % GDP	78.3	n/a	18	Hong Kong SAR
 <b>Pillar 11: Business dynamism</b> 0-100 (best)	-	<b>61.2</b>	<b>57</b>	<b>United States</b>
11.01 Cost of starting a business % GNI per capita	0.1	100.0 =	3	Multiple (2)
11.02 Time to start a business days	7.0	93.5 =	41	New Zealand
11.03 Insolvency recovery rate cents/\$	47.7	51.3 ↓	42	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)	2.9	32.2	136	Israel
11.06 Willingness to delegate authority 1-7 (best)	3.7	45.6	118	Denmark
11.07 Growth of innovative companies 1-7 (best)	3.5	42.0	110	Israel
11.08 Companies embracing disruptive ideas 1-7 (best)	2.9	31.1	133	United States
 <b>Pillar 12: Innovation capability</b> 0-100 (best)	-	<b>31.1</b>	<b>98</b>	<b>Germany</b>
12.01 Diversity of workforce 1-7 (best)	3.9	48.6	110	Canada
12.02 State of cluster development 1-7 (best)	3.2	37.0	108	United States
12.03 International co-inventions applications/million pop.	0.13	3.9 ↓	77	Multiple (7)
12.04 Multi-stakeholder collaboration 1-7 (best)	3.0	32.6	126	United States
12.05 Scientific publications H Index	93.0	67.3 ↑	98	Multiple (7)
12.06 Patent applications applications/million pop.	0.46	6.9 ↓	74	Multiple (8)
12.07 R&D expenditures % GDP	0.4	14.8 ↓	69	Multiple (7)
12.08 Quality of research institutions index	0.00	0.4 ↓	98	Multiple (7)
12.09 Buyer sophistication 1-7 (best)	2.7	28.0	119	United States
12.10 Trademark applications applications/million pop.	783.55	71.7 ↓	51	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/>

