

Global Competitiveness Index 4.0 2018 edition

Rank in 2017 edition: 44th/135

Performance Key ◇ Previous edition ▲ Upper middle income group average □ Latin America and the Caribbean average
Overview 2018



Selected contextual indicators

Population millions	123.5	GDP (PPP) % world GDP	1.94
GDP per capita US\$	9,304.2	Unemployment rate %	3.4
10-year average annual GDP growth %	2.0	5-year average FDI inward flow % GDP	2.7

Social and environmental performance

Environmental footprint gha/capita	2.6	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)	43.4

Index Component	Value	Score *	Rank/140	Best Performer
 Pillar 1: Institutions 0-100 (best)	-	47.7 ↑	105	New Zealand
1.01 Organized crime 1-7 (best)	2.5	25.8 ↓	139	Finland
1.02 Homicide rate /100,000 pop.	19.3	36.4 ↓	130	Multiple (9)
1.03 Terrorism incidence 0 (very high) -100 (no incidence)	98.1	98.1 ↓	102	Multiple (24)
1.04 Reliability of police services 1-7 (best)	2.4	23.6 ↓	138	Finland
1.05 Social capital 0-100 (high)	45.5	45.5 ↑	108	Australia
1.06 Budget transparency 0-100 (best)	92.3	92.3 =	4	Multiple (2)
1.07 Judicial independence 1-7 (best)	2.9	31.2 ↓	110	Finland
1.08 Efficiency of legal framework in challenging regulations 1-7 (best)	2.9	31.5 ↑	95	Finland
1.09 Freedom of the press 0-100 (worst)	48.9	51.1 ↑	120	Norway
1.10 Burden of government regulation 1-7 (best)	2.7	29.0 ↑	117	Singapore
1.11 Efficiency of legal framework in settling disputes 1-7 (best)	2.8	30.5 ↑	115	Singapore
1.12 E-Participation Index 0-1 (best)	0.94	94.4 ↑	17	Multiple (3)
1.13 Future orientation of government 1-7 (best)	3.4	39.7 ↑	92	Singapore
1.14 Incidence of corruption 0-100 (best)	29.0	29.0 ↓	113	New Zealand
1.15 Property rights 1-7 (best)	4.1	51.4 ↑	85	Finland
1.16 Intellectual property protection 1-7 (best)	4.1	52.3 ↑	65	Finland
1.17 Quality of land administration 0-30 (best)	16.3	54.3 =	66	Singapore
1.18 Strength of auditing and reporting standards 1-7 (best)	5.0	66.2 ↑	48	Finland
1.19 Conflict of interest regulation 0-10 (best)	6.0	60.0 =	54	Multiple (2)
1.20 Shareholder governance 0-10 (best)	5.7	57.0 =	69	Kazakhstan
 Pillar 2: Infrastructure 0-100 (best)	-	72.9 ↑	49	Singapore
2.01 Road connectivity index 0-100 (best)	93.5	93.5 =	7	United States
2.02 Quality of roads 1-7 (best)	4.5	58.3 ↑	47	Singapore
2.03 Railroad density km of roads/square km	13.6	34.0 =	50	Multiple (20)
2.04 Efficiency of train services 1-7 (best)	3.1	34.5 ↑	74	Switzerland
2.05 Airport connectivity score	497,154.0	92.4 ↓	15	Multiple (8)
2.06 Efficiency of air transport services 1-7 (best)	4.5	58.7 ↑	70	Singapore
2.07 Liner Shipping Connectivity Index 0-157.1 (best)	43.7	43.7 ↑	36	Multiple (4)
2.08 Efficiency of seaport services 1-7 (best)	4.3	54.5 ↑	60	Singapore
2.09 Electrification rate % pop.	100.0	100.0 ↑	1	Multiple (66)
2.10 Electric power transmission and distribution losses % output	13.1	90.5 ↑	85	Multiple (9)
2.11 Exposure to unsafe drinking water % pop.	6.3	95.7 ↓	36	Multiple (23)
2.12 Reliability of water supply 1-7 (best)	4.7	62.4 ↑	71	Switzerland
 Pillar 3: ICT adoption 0-100 (best)	-	51.3 ↑	76	Korea, Rep.
3.01 Mobile-cellular telephone subscriptions /100 pop.	88.5	73.8 ↑	109	Multiple (68)
3.02 Mobile-broadband subscriptions /100 pop.	63.6	n/a	79	United Arab Emirates
3.03 Fixed-broadband Internet subscriptions /100 pop.	13.3	26.5 ↑	64	Switzerland
3.04 Fibre Internet subscriptions /100 pop.	2.0	n/a	50	Korea, Rep.
3.05 Internet users % pop.	59.5	59.5 ↑	69	Iceland
 Pillar 4: Macroeconomic stability 0-100 (best)	-	99.4 ↓	35	Multiple (31)
4.01 Inflation annual % change	4.4	98.8 ↓	82	Multiple (74)
4.02 Debt dynamics 0-100 (best)	100.0	100.0 =	1	Multiple (36)
 Pillar 5: Health 0-100 (best)	-	84.6 ↑	56	Multiple (4)
5.01 Healthy life expectancy years	67.1	84.6 ↑	55	Multiple (4)
 Pillar 6: Skills 0-100 (best)	-	57.9 ↑	86	Finland
6.01 Mean years of schooling Years	8.6	57.3 =	82	Finland
6.02 Extent of staff training 1-7 (best)	3.8	46.3 ↑	77	Switzerland
6.03 Quality of vocational training 1-7 (best)	4.2	52.9 ↑	59	Switzerland
6.04 Skillset of graduates 1-7 (best)	4.1	51.8 ↓	63	Switzerland
6.05 Digital skills among population 1-7 (best)	3.8	47.1 ↓	87	Sweden
6.06 Ease of finding skilled employees 1-7 (best)	4.3	54.5 ↓	60	United States
6.07 School life expectancy Years	14.1	78.4 ↑	69	Multiple (9)
6.08 Critical thinking in teaching 1-7 (best)	3.0	32.7 ↓	104	United States
6.09 Pupil-to-teacher ratio in primary education Ratio	26.7	58.1 ↑	96	Multiple (6)

Index Component	Value	Score *	Rank/140	Best Performer
 Pillar 7: Product market 0-100 (best)	-	57.5 ↑	54	Singapore
7.01 Distortive effect of taxes and subsidies on competition 1-7 (best)	3.4	39.4 ↑	98	Singapore
7.02 Extent of market dominance 1-7 (best)	3.5	41.3 ↑	91	Switzerland
7.03 Competition in services 1-7 (best)	5.0	66.5 ↑	65	Hong Kong SAR
7.04 Prevalence of non-tariff barriers 1-7 (best)	4.6	59.3 ↑	50	Singapore
7.05 Trade tariffs % duty	5.03	66.5 ↑	65	Hong Kong SAR
7.06 Complexity of tariffs 1-7 (best)	6.3	88.9 ↑	45	Hong Kong SAR
7.07 Efficiency of the clearance process 1-5 (best)	2.8	44.2 ↓	54	Germany
7.08 Services trade openness 0-100 (worst)	29.5	70.5 =	66	Ecuador
 Pillar 8: Labour market 0-100 (best)	-	54.4 ↓	100	United States
8.01 Redundancy costs weeks of salary	22.0	62.5 =	99	Multiple (8)
8.02 Hiring and firing practices 1-7 (best)	3.4	40.2 ↓	105	Hong Kong SAR
8.03 Cooperation in Labour-employer relations 1-7 (best)	4.4	57.0 ↑	61	Switzerland
8.04 Flexibility of wage determination 1-7 (best)	5.1	68.6 ↓	55	Hong Kong SAR
8.05 Active Labour policies 1-7 (best)	2.5	25.3 ↓	109	Switzerland
8.06 Workers' rights 0-100 (best)	56.7	56.7 ↓	112	Multiple (4)
8.07 Ease of hiring foreign labour 1-7 (best)	4.3	55.3 ↓	48	Albania
8.08 Internal Labour mobility 1-7 (best)	5.0	66.4 ↑	22	Guinea
8.09 Reliance on professional management 1-7 (best)	4.2	53.8 ↑	67	Finland
8.10 Pay and productivity 1-7 (best)	3.7	45.1 ↓	82	United States
8.11 Female participation in Labour force ratio	0.56	44.6 ↑	89	Multiple (4)
8.12 Labour tax rate %	25.6	75.6 ↓	112	Multiple (26)
 Pillar 9: Financial system 0-100 (best)	-	60.8 ↑	61	United States
9.01 Domestic credit to private sector % GDP	32.4	34.1 ↑	97	Multiple (29)
9.02 Financing of SMEs 1-7 (best)	3.6	43.2 ↑	94	United States
9.03 Venture capital availability 1-7 (best)	3.2	35.9 ↑	54	United States
9.04 Market capitalization % GDP	35.1	35.1 ↓	51	Multiple (12)
9.05 Insurance premium % GDP	1.8	30.8 =	65	Multiple (16)
9.06 Soundness of banks 1-7 (best)	5.5	75.4 ↑	39	Finland
9.07 Non-performing loans % loan portfolio value	2.3	96.4 ↑	37	Multiple (2)
9.08 Credit gap percentage points	2.2	99.5 ↓	102	Multiple (97)
9.09 Banks' regulatory capital ratio ratio	15.4	96.9 =	81	Multiple (72)
 Pillar 10: Market size 0-100 (best)	-	80.6 ↑	11	China
10.01 Gross domestic product PPP \$ billions	2,239	n/a	11	China
10.02 Imports % GDP	40.8	n/a	77	Hong Kong SAR
 Pillar 11: Business dynamism 0-100 (best)	-	65.5 ↓	41	United States
11.01 Cost of starting a business % GNI per capita	17.0	91.5 ↑	100	Multiple (2)
11.02 Time to start a business days	8.4	92.1 =	50	New Zealand
11.03 Insolvency recovery rate cents/\$	67.6	72.8 ↓	27	Norway
11.04 Insolvency regulatory framework 0-16 (best)	11.5	71.9 =	38	Multiple (5)
11.05 Attitudes toward entrepreneurial risk 1-7 (best)	4.0	49.9 ↑	67	Israel
11.06 Willingness to delegate authority 1-7 (best)	4.4	55.9 ↑	65	Denmark
11.07 Growth of innovative companies 1-7 (best)	4.0	50.7 ↓	62	Israel
11.08 Companies embracing disruptive ideas 1-7 (best)	3.4	39.4 ↑	83	United States
 Pillar 12: Innovation capability 0-100 (best)	-	42.7 ↑	50	Germany
12.01 Diversity of workforce 1-7 (best)	4.2	53.5 ↑	86	Canada
12.02 State of cluster development 1-7 (best)	4.2	53.8 ↑	40	United States
12.03 International co-inventions applications/million pop.	0.30	8.1 ↑	62	Multiple (7)
12.04 Multi-stakeholder collaboration 1-7 (best)	3.6	43.9 ↓	64	United States
12.05 Scientific publications H Index	360.7	87.2 ↑	35	Multiple (7)
12.06 Patent applications applications/million pop.	1.65	17.9 ↑	59	Multiple (8)
12.07 R&D expenditures % GDP	0.6	18.4 ↑	61	Multiple (7)
12.08 Quality of research institutions index	0.11	28.2 ↑	22	Multiple (7)
12.09 Buyer sophistication 1-7 (best)	3.6	43.0 ↑	58	United States
12.10 Trademark applications applications/million pop.	882.81	73.0 ↑	50	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/>

