

Global Competitiveness Index 4.0 2018 edition

Rank in 2017 edition: 95th/135

Performance Overview Key

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

2018









Selected contextual indicators

Population millions	3.1	GDP (PPP) % world GDP	0.03
GDP per capita US\$	3,639.9	Unemployment rate %	7.0
10-year average annual GDP growth %	6.7	5-year average FDI inward flow % GDP	5.1

Social and environmental performance

Environmental footprint gha/capita	9.5	Global Gender Gap Index 0-1 (gender parity)	0.7
Inclusive Development Index 1-7 (best)	3.7	Income Gini 0 (perfect equality) -100 (perfect inequality)	32.3

Index Component	Value	Score *	Rank/140	Best Performer
 Pillar 1: Institutions 0-100 (best)	-	51.1 ↓	80	New Zealand
1.01 Organized crime 1-7 (best)	5.1	67.6 ↓	59	Finland
1.02 Homicide rate /100,000 pop.	5.7	82.5 ↑	93	Multiple (9)
1.03 Terrorism incidence 0 (very high) -100 (no incidence)	100.0	100.0 =	1	Multiple (24)
1.04 Reliability of police services 1-7 (best)	4.1	52.5 ↓	82	Finland
1.05 Social capital 0-100 (high)	57.1	57.1 ↑	28	Australia
1.06 Budget transparency 0-100 (best)	46.2	46.2 =	90	Multiple (2)
1.07 Judicial independence 1-7 (best)	2.8	30.0 ↓	113	Finland
1.08 Efficiency of legal framework in challenging regulations 1-7 (best)	3.3	38.9 ↓	67	Finland
1.09 Freedom of the press 0-100 (worst)	29.1	71.0 ↓	58	Norway
1.10 Burden of government regulation 1-7 (best)	3.0	33.3 ↓	104	Singapore
1.11 Efficiency of legal framework in settling disputes 1-7 (best)	2.9	31.7 ↓	112	Singapore
1.12 E-Participation Index 0-1 (best)	0.74	73.6 ↑	62	Multiple (3)
1.13 Future orientation of government 1-7 (best)	2.5	25.6 ↓	128	Singapore
1.14 Incidence of corruption 0-100 (best)	36.0	36.0 ↓	87	New Zealand
1.15 Property rights 1-7 (best)	3.6	43.2 ↓	120	Finland
1.16 Intellectual property protection 1-7 (best)	3.2	36.1 ↓	127	Finland
1.17 Quality of land administration 0-30 (best)	14.5	48.3 =	74	Singapore
1.18 Strength of auditing and reporting standards 1-7 (best)	3.6	43.8 ↑	126	Finland
1.19 Conflict of interest regulation 0-10 (best)	7.3	73.0 =	20	Multiple (2)
1.20 Shareholder governance 0-10 (best)	6.0	60.0 =	56	Kazakhstan
 Pillar 2: Infrastructure 0-100 (best)	-	56.2 ↓	103	Singapore
2.01 Road connectivity index 0-100 (best)	45.2	45.2 =	105	United States
2.02 Quality of roads 1-7 (best)	3.1	35.7 ↓	110	Singapore
2.03 Railroad density km of roads/square km	1.2	2.9 =	94	Multiple (20)
2.04 Efficiency of train services 1-7 (best)	3.3	39.0 ↓	62	Switzerland
2.05 Airport connectivity score	9,490.1	31.5 ↓	97	Multiple (8)
2.06 Efficiency of air transport services 1-7 (best)	3.6	43.2 ↓	113	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)	1.6	10.7 ↑	137	Singapore
2.09 Electrification rate % pop.	91.0	91.0 ↑	99	Multiple (66)
2.10 Electric power transmission and distribution losses % output	11.4	92.3 ↑	75	Multiple (9)
2.11 Exposure to unsafe drinking water % pop.	19.8	81.9 =	93	Multiple (23)
2.12 Reliability of water supply 1-7 (best)	4.1	52.4 ↓	100	Switzerland
 Pillar 3: ICT adoption 0-100 (best)	-	48.7 ↓	78	Korea, Rep.
3.01 Mobile-cellular telephone subscriptions /100 pop.	126.4	100.0 ↑	49	Multiple (68)
3.02 Mobile-broadband subscriptions /100 pop.	80.8	n/a	50	United Arab Emirates
3.03 Fixed-broadband Internet subscriptions /100 pop.	9.3	18.5 ↑	76	Switzerland
3.04 Fibre Internet subscriptions /100 pop.	2.3	n/a	45	Korea, Rep.
3.05 Internet users % pop.	22.3	22.3 ↓	115	Iceland
 Pillar 4: Macroeconomic stability 0-100 (best)	-	65.0 ↓	121	Multiple (31)
4.01 Inflation annual % change	2.6	100.0 =	1	Multiple (74)
4.02 Debt dynamics 0-100 (best)	30.0	30.0 ↓	137	Multiple (36)
 Pillar 5: Health 0-100 (best)	-	62.2 ↑	105	Multiple (4)
5.01 Healthy life expectancy years	59.9	62.2 ↑	104	Multiple (4)
 Pillar 6: Skills 0-100 (best)	-	57.4 ↑	89	Finland
6.01 Mean years of schooling Years	9.5	63.3 =	69	Finland
6.02 Extent of staff training 1-7 (best)	3.6	43.8 ↑	95	Switzerland
6.03 Quality of vocational training 1-7 (best)	3.5	42.0 ↑	110	Switzerland
6.04 Skillset of graduates 1-7 (best)	3.4	40.2 ↓	120	Switzerland
6.05 Digital skills among population 1-7 (best)	3.7	45.7 ↑	94	Sweden
6.06 Ease of finding skilled employees 1-7 (best)	2.6	27.3 ↓	139	United States
6.07 School life expectancy Years	15.5	85.9 ↑	42	Multiple (9)
6.08 Critical thinking in teaching 1-7 (best)	2.8	30.2 ↑	116	United States
6.09 Pupil-to-teacher ratio in primary education Ratio	29.7	50.8 ↓	102	Multiple (6)

Index Component	Value	Score *	Rank/140	Best Performer
 Pillar 7: Product market 0-100 (best)	-	52.3 ↓	100	Singapore
7.01 Distortive effect of taxes and subsidies on competition 1-7 (best)	3.0	33.8 ↑	121	Singapore
7.02 Extent of market dominance 1-7 (best)	2.3	21.5 ↑	137	Switzerland
7.03 Competition in services 1-7 (best)	4.5	59.1 ↑	108	Hong Kong SAR
7.04 Prevalence of non-tariff barriers 1-7 (best)	4.0	50.1 ↑	108	Singapore
7.05 Trade tariffs % duty	4.60	69.3 ↓	58	Hong Kong SAR
7.06 Complexity of tariffs 1-7 (best)	6.8	96.1 ↓	5	Hong Kong SAR
7.07 Efficiency of the clearance process 1-5 (best)	2.2	30.6 ↓	119	Germany
7.08 Services trade openness 0-100 (worst)	13.7	86.3 =	12	Ecuador
 Pillar 8: Labour market 0-100 (best)	-	63.5 ↑	41	United States
8.01 Redundancy costs weeks of salary	8.7	90.3 =	20	Multiple (8)
8.02 Hiring and firing practices 1-7 (best)	3.7	44.3 ↓	86	Hong Kong SAR
8.03 Cooperation in Labour-employer relations 1-7 (best)	4.2	54.1 ↑	83	Switzerland
8.04 Flexibility of wage determination 1-7 (best)	5.8	79.8 ↓	10	Hong Kong SAR
8.05 Active Labour policies 1-7 (best)	2.8	30.4 ↓	94	Switzerland
8.06 Workers' rights 0-100 (best)	n/a	75.2 ↑	n/a	Multiple (4)
8.07 Ease of hiring foreign labour 1-7 (best)	3.2	36.6 ↑	128	Albania
8.08 Internal Labour mobility 1-7 (best)	4.3	55.1 ↑	85	Guinea
8.09 Reliance on professional management 1-7 (best)	3.9	48.9 ↑	87	Finland
8.10 Pay and productivity 1-7 (best)	3.6	42.6 ↑	94	United States
8.11 Female participation in Labour force ratio	0.92	89.5 ↓	23	Multiple (4)
8.12 Labour tax rate %	12.4	93.9 =	44	Multiple (26)
 Pillar 9: Financial system 0-100 (best)	-	50.2 ↓	109	United States
9.01 Domestic credit to private sector % GDP	57.5	60.5 ↓	59	Multiple (29)
9.02 Financing of SMEs 1-7 (best)	3.0	33.7 ↓	122	United States
9.03 Venture capital availability 1-7 (best)	1.9	15.4 ↑	130	United States
9.04 Market capitalization % GDP	6.2	6.2 ↓	99	Multiple (12)
9.05 Insurance premium % GDP	0.5	7.8 =	126	Multiple (16)
9.06 Soundness of banks 1-7 (best)	3.5	41.8 ↑	122	Finland
9.07 Non-performing loans % loan portfolio value	7.2	86.5 =	87	Multiple (2)
9.08 Credit gap percentage points	-3.6	100.0 =	43	Multiple (97)
9.09 Banks' regulatory capital ratio ratio	n/a	100.0 =	n/a	Multiple (72)
 Pillar 10: Market size 0-100 (best)	-	40.5 ↑	103	China
10.01 Gross domestic product PPP \$ billions	36	n/a	104	China
10.02 Imports % GDP	58.5	n/a	39	Hong Kong SAR
 Pillar 11: Business dynamism 0-100 (best)	-	55.0 ↑	89	United States
11.01 Cost of starting a business % GNI per capita	1.4	99.3 ↑	33	Multiple (2)
11.02 Time to start a business days	10.0	90.5 =	60	New Zealand
11.03 Insolvency recovery rate cents/\$	17.0	18.3 ↓	121	Norway
11.04 Insolvency regulatory framework 0-16 (best)	11.0	68.8 =	46	Multiple (5)
11.05 Attitudes toward entrepreneurial risk 1-7 (best)	3.5	41.5 ↑	113	Israel
11.06 Willingness to delegate authority 1-7 (best)	3.2	36.8 ↑	134	Denmark
11.07 Growth of innovative companies 1-7 (best)	3.9	47.9 ↑	82	Israel
11.08 Companies embracing disruptive ideas 1-7 (best)	3.2	36.7 ↑	102	United States
 Pillar 12: Innovation capability 0-100 (best)	-	31.0 ↑	99	Germany
12.01 Diversity of workforce 1-7 (best)	4.9	65.2 ↑	32	Canada
12.02 State of cluster development 1-7 (best)	2.8	30.2 ↑	131	United States
12.03 International co-inventions applications/million pop.	0.11	3.3 ↑	81	Multiple (7)
12.04 Multi-stakeholder collaboration 1-7 (best)	3.1	35.6 ↑	112	United States
12.05 Scientific publications H Index	80.0	65.1 ↑	107	Multiple (7)
12.06 Patent applications applications/million pop.	0.45	6.9 ↑	76	Multiple (8)
12.07 R&D expenditures % GDP	0.2	5.2 ↓	96	Multiple (7)
12.08 Quality of research institutions index	0.00	0.0	112	Multiple (7)
12.09 Buyer sophistication 1-7 (best)	3.0	33.3 ↑	101	United States
12.10 Trademark applications applications/million pop.	414.30	64.9 ↓	74	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/>

