

Global Competitiveness Index 4.0 2018 edition

Rank in 2017 edition: 17th/135

Performance Overview 2018 Key ◇ Previous edition △ High income group average □ East Asia and Pacific average









Selected contextual indicators

Population millions	51.5	GDP (PPP) % world GDP	1.60
GDP per capita US\$	29,891.3	Unemployment rate %	3.7
10-year average annual GDP growth %	3.0	5-year average FDI inward flow % GDP	0.8

Social and environmental performance

Environmental footprint gha/capita	5.8	Global Gender Gap Index 0-1 (gender parity)	0.7
Inclusive Development Index 1-7 (best)	5.1	Income Gini 0 (perfect equality) -100 (perfect inequality)	31.6

Index Component	Value	Score *	Rank/140	Best Performer
 Pillar 1: Institutions 0-100 (best)	-	65.4 ↑	27	New Zealand
1.01 Organized crime 1-7 (best)	5.3	71.6 ↑	40	Finland
1.02 Homicide rate /100,000 pop.	0.7	99.3 ↑	22	Multiple (9)
1.03 Terrorism incidence 0 (very high) -100 (no incidence)	100.0	100.0 ↑	44	Multiple (24)
1.04 Reliability of police services 1-7 (best)	5.5	74.6 ↑	35	Finland
1.05 Social capital 0-100 (high)	48.4	48.4 ↑	89	Australia
1.06 Budget transparency 0-100 (best)	100.0	100.0 =	1	Multiple (2)
1.07 Judicial independence 1-7 (best)	4.0	49.9 ↑	63	Finland
1.08 Efficiency of legal framework in challenging regulations 1-7 (best)	3.5	41.3 ↓	57	Finland
1.09 Freedom of the press 0-100 (worst)	23.5	76.5 ↑	38	Norway
1.10 Burden of government regulation 1-7 (best)	3.3	37.9 ↑	79	Singapore
1.11 Efficiency of legal framework in settling disputes 1-7 (best)	4.0	50.7 ↑	50	Singapore
1.12 E-Participation Index 0-1 (best)	1.00	100.0 ↑	1	Multiple (3)
1.13 Future orientation of government 1-7 (best)	4.0	50.2 ↑	49	Singapore
1.14 Incidence of corruption 0-100 (best)	54.0	54.0 ↑	45	New Zealand
1.15 Property rights 1-7 (best)	5.1	68.5 ↑	35	Finland
1.16 Intellectual property protection 1-7 (best)	4.6	59.3 ↑	47	Finland
1.17 Quality of land administration 0-30 (best)	27.5	91.7 =	6	Singapore
1.18 Strength of auditing and reporting standards 1-7 (best)	4.9	65.6 ↑	50	Finland
1.19 Conflict of interest regulation 0-10 (best)	7.0	70.0 =	23	Multiple (2)
1.20 Shareholder governance 0-10 (best)	7.3	73.0 =	15	Kazakhstan
 Pillar 2: Infrastructure 0-100 (best)	-	91.3 ↑	6	Singapore
2.01 Road connectivity index 0-100 (best)	n/a	n/a	n/a	United States
2.02 Quality of roads 1-7 (best)	5.7	78.8 ↑	12	Singapore
2.03 Railroad density km of roads/square km	40.6	100.0 =	20	Multiple (20)
2.04 Efficiency of train services 1-7 (best)	5.9	81.4 ↑	4	Switzerland
2.05 Airport connectivity score	481,087.8	91.7 ↓	16	Multiple (8)
2.06 Efficiency of air transport services 1-7 (best)	5.8	80.6 ↑	9	Singapore
2.07 Liner Shipping Connectivity Index 0-157.1 (best)	109.9	100.0 =	3	Multiple (4)
2.08 Efficiency of seaport services 1-7 (best)	5.4	72.8 ↑	14	Singapore
2.09 Electrification rate % pop.	100.0	100.0 =	1	Multiple (66)
2.10 Electric power transmission and distribution losses % output	3.3	100.0 =	8	Multiple (9)
2.11 Exposure to unsafe drinking water % pop.	2.3	99.7 =	26	Multiple (23)
2.12 Reliability of water supply 1-7 (best)	6.3	88.9 ↓	23	Switzerland
 Pillar 3: ICT adoption 0-100 (best)	-	91.3 ↑	1	Korea, Rep.
3.01 Mobile-cellular telephone subscriptions /100 pop.	124.9	100.0 =	52	Multiple (68)
3.02 Mobile-broadband subscriptions /100 pop.	112.8	n/a	17	United Arab Emirates
3.03 Fixed-broadband Internet subscriptions /100 pop.	41.6	83.2 ↑	6	Switzerland
3.04 Fibre Internet subscriptions /100 pop.	30.0	n/a	1	Korea, Rep.
3.05 Internet users % pop.	92.8	92.8 ↑	9	Iceland
 Pillar 4: Macroeconomic stability 0-100 (best)	-	100.0 =	1	Multiple (31)
4.01 Inflation annual % change	1.5	100.0 =	1	Multiple (74)
4.02 Debt dynamics 0-100 (best)	100.0	100.0 =	1	Multiple (36)
 Pillar 5: Health 0-100 (best)	-	96.1 ↑	19	Multiple (4)
5.01 Healthy life expectancy years	70.8	96.1 ↑	18	Multiple (4)
 Pillar 6: Skills 0-100 (best)	-	73.6 ↑	27	Finland
6.01 Mean years of schooling Years	12.3	82.0 =	23	Finland
6.02 Extent of staff training 1-7 (best)	4.5	58.1 ↑	36	Switzerland
6.03 Quality of vocational training 1-7 (best)	4.6	60.7 ↑	32	Switzerland
6.04 Skillset of graduates 1-7 (best)	4.4	57.2 ↑	43	Switzerland
6.05 Digital skills among population 1-7 (best)	5.0	66.3 ↓	29	Sweden
6.06 Ease of finding skilled employees 1-7 (best)	4.8	63.3 ↑	27	United States
6.07 School life expectancy Years	16.5	91.7 =	21	Multiple (9)
6.08 Critical thinking in teaching 1-7 (best)	3.1	35.5 ↑	90	United States
6.09 Pupil-to-teacher ratio in primary education Ratio	16.6	83.6 =	53	Multiple (6)

Index Component	Value	Score *	Rank/140	Best Performer
 Pillar 7: Product market 0-100 (best)	-	56.2 ↑	67	Singapore
7.01 Distortive effect of taxes and subsidies on competition 1-7 (best)	3.8	46.9 ↑	59	Singapore
7.02 Extent of market dominance 1-7 (best)	3.5	41.3 ↑	93	Switzerland
7.03 Competition in services 1-7 (best)	5.2	69.5 ↑	51	Hong Kong SAR
7.04 Prevalence of non-tariff barriers 1-7 (best)	4.4	56.7 ↑	66	Singapore
7.05 Trade tariffs % duty	9.04	39.7 ↓	96	Hong Kong SAR
7.06 Complexity of tariffs 1-7 (best)	4.9	65.4 ↓	85	Hong Kong SAR
7.07 Efficiency of the clearance process 1-5 (best)	3.4	60.1 ↓	25	Germany
7.08 Services trade openness 0-100 (worst)	23.1	76.9 =	47	Ecuador
 Pillar 8: Labour market 0-100 (best)	-	62.4 ↑	48	United States
8.01 Redundancy costs weeks of salary	27.4	51.3 =	114	Multiple (8)
8.02 Hiring and firing practices 1-7 (best)	3.7	44.2 ↑	87	Hong Kong SAR
8.03 Cooperation in Labour-employer relations 1-7 (best)	3.6	43.5 ↑	124	Switzerland
8.04 Flexibility of wage determination 1-7 (best)	5.0	66.1 ↓	63	Hong Kong SAR
8.05 Active Labour policies 1-7 (best)	4.5	58.0 ↑	30	Switzerland
8.06 Workers' rights 0-100 (best)	58.8	58.8 ↑	108	Multiple (4)
8.07 Ease of hiring foreign labour 1-7 (best)	3.7	45.2 ↑	104	Albania
8.08 Internal Labour mobility 1-7 (best)	4.4	56.7 ↓	75	Guinea
8.09 Reliance on professional management 1-7 (best)	4.4	55.9 ↓	61	Finland
8.10 Pay and productivity 1-7 (best)	4.8	63.4 ↓	16	United States
8.11 Female participation in Labour force ratio	0.81	75.7 ↓	53	Multiple (4)
8.12 Labour tax rate %	13.5	92.4 ↑	56	Multiple (26)
 Pillar 9: Financial system 0-100 (best)	-	81.4 ↑	19	United States
9.01 Domestic credit to private sector % GDP	140.6	100.0 =	13	Multiple (29)
9.02 Financing of SMEs 1-7 (best)	4.0	49.7 ↑	45	United States
9.03 Venture capital availability 1-7 (best)	3.2	36.0 ↑	53	United States
9.04 Market capitalization % GDP	88.0	88.0 ↓	19	Multiple (12)
9.05 Insurance premium % GDP	11.3	100.0 =	4	Multiple (16)
9.06 Soundness of banks 1-7 (best)	4.8	64.1 ↑	74	Finland
9.07 Non-performing loans % loan portfolio value	0.5	100.0 =	2	Multiple (2)
9.08 Credit gap percentage points	-5.2	100.0 =	37	Multiple (97)
9.09 Banks' regulatory capital ratio ratio	14.3	94.4 =	97	Multiple (72)
 Pillar 10: Market size 0-100 (best)	-	78.5 ↑	14	China
10.01 Gross domestic product PPP \$ billions	1,848	n/a	14	China
10.02 Imports % GDP	38.9	n/a	84	Hong Kong SAR
 Pillar 11: Business dynamism 0-100 (best)	-	71.6 ↓	22	United States
11.01 Cost of starting a business % GNI per capita	14.6	92.7 =	93	Multiple (2)
11.02 Time to start a business days	4.0	96.5 =	12	New Zealand
11.03 Insolvency recovery rate cents/\$	84.7	91.2 ↓	12	Norway
11.04 Insolvency regulatory framework 0-16 (best)	14.0	87.5 =	8	Multiple (5)
11.05 Attitudes toward entrepreneurial risk 1-7 (best)	3.9	47.5 ↑	77	Israel
11.06 Willingness to delegate authority 1-7 (best)	4.1	51.1 ↓	88	Denmark
11.07 Growth of innovative companies 1-7 (best)	4.5	57.6 ↑	37	Israel
11.08 Companies embracing disruptive ideas 1-7 (best)	3.9	49.1 ↑	35	United States
 Pillar 12: Innovation capability 0-100 (best)	-	78.2 ↑	8	Germany
12.01 Diversity of workforce 1-7 (best)	4.3	54.5 =	82	Canada
12.02 State of cluster development 1-7 (best)	4.6	59.6 ↓	30	United States
12.03 International co-inventions applications/million pop.	15.46	86.0 ↑	15	Multiple (7)
12.04 Multi-stakeholder collaboration 1-7 (best)	4.3	55.7 ↑	31	United States
12.05 Scientific publications H Index	549.3	93.5 ↑	18	Multiple (7)
12.06 Patent applications applications/million pop.	444.63	100.0 =	3	Multiple (8)
12.07 R&D expenditures % GDP	4.2	100.0 =	2	Multiple (7)
12.08 Quality of research institutions index	0.29	70.4 ↑	11	Multiple (7)
12.09 Buyer sophistication 1-7 (best)	5.3	72.4 ↑	2	United States
12.10 Trademark applications applications/million pop.	4,378.73	90.2 ↑	23	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/>

