

Global Competitiveness Index 4.0 2018 edition

Rank in 2017 edition: 74th/135

## Performance Overview Key

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

### 2018









## Selected contextual indicators

|                                     |         |                                      |      |
|-------------------------------------|---------|--------------------------------------|------|
| Population millions                 | 93.6    | GDP (PPP) % world GDP                | 0.51 |
| GDP per capita US\$                 | 2,353.7 | Unemployment rate %                  | 2.1  |
| 10-year average annual GDP growth % | 5.8     | 5-year average FDI inward flow % GDP | 5.7  |

## Social and environmental performance

|  |     |  |      |
|--|-----|--|------|
| Environmental footprint gha/capita     | 1.7 | Global Gender Gap Index 0-1 (gender parity)                | 0.7  |
| Inclusive Development Index 1-7 (best) | 4.0 | Income Gini 0 (perfect equality) -100 (perfect inequality) | 35.3 |

| Index Component   | Value     | Score * | Rank/140 | Best Performer       |
|---|-----------|---------|----------|----------------------|
|  <b>Pillar 1: Institutions</b> 0-100 (best)              | -         | 49.5 ↓  | 94       | New Zealand          |
| 1.01 Organized crime 1-7 (best)   | 4.8       | 62.7 ↓  | 76       | Finland              |
| 1.02 Homicide rate /100,000 pop.  | 1.5       | 96.5 =  | 49       | 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)  | 4.3       | 55.2 ↓  | 76       | Finland              |
| 1.05 Social capital 0-100 (high)  | 48.0      | 48.0 ↓  | 93       | Australia            |
| 1.06 Budget transparency 0-100 (best)   | 65.4      | 65.4 =  | 42       | Multiple (2)         |
| 1.07 Judicial independence 1-7 (best)   | 3.4       | 40.2 ↓  | 89       | Finland              |
| 1.08 Efficiency of legal framework in challenging regulations 1-7 (best)  | 3.3       | 38.1 ↓  | 69       | Finland              |
| 1.09 Freedom of the press 0-100 (worst)   | 75.1      | 25.0 ↓  | 139      | Norway               |
| 1.10 Burden of government regulation 1-7 (best)   | 3.1       | 34.6 ↓  | 96       | Singapore            |
| 1.11 Efficiency of legal framework in settling disputes 1-7 (best)  | 3.3       | 38.5 ↓  | 88       | Singapore            |
| 1.12 E-Participation Index 0-1 (best)   | 0.69      | 69.1 ↓  | 69       | Multiple (3)         |
| 1.13 Future orientation of government 1-7 (best)  | 3.6       | 43.9 ↓  | 75       | Singapore            |
| 1.14 Incidence of corruption 0-100 (best)   | 35.0      | 35.0 ↑  | 91       | New Zealand          |
| 1.15 Property rights 1-7 (best)   | 3.9       | 47.9 ↓  | 104      | Finland              |
| 1.16 Intellectual property protection 1-7 (best)  | 3.5       | 42.2 ↓  | 105      | Finland              |
| 1.17 Quality of land administration 0-30 (best)   | 14.0      | 46.7 =  | 78       | Singapore            |
| 1.18 Strength of auditing and reporting standards 1-7 (best)  | 3.5       | 42.5 ↓  | 128      | Finland              |
| 1.19 Conflict of interest regulation 0-10 (best)  | 4.3       | 43.0 =  | 112      | Multiple (2)         |
| 1.20 Shareholder governance 0-10 (best)   | 6.7       | 67.0 =  | 32       | Kazakhstan           |
|  <b>Pillar 2: Infrastructure</b> 0-100 (best)            | -         | 65.4 ↓  | 75       | Singapore            |
| 2.01 Road connectivity index 0-100 (best)   | 44.3      | 44.3 =  | 107      | United States        |
| 2.02 Quality of roads 1-7 (best)  | 3.2       | 36.0 ↓  | 109      | Singapore            |
| 2.03 Railroad density km of roads/square km   | 7.1       | 17.7 =  | 57       | Multiple (20)        |
| 2.04 Efficiency of train services 1-7 (best)  | 3.4       | 39.2 ↓  | 61       | Switzerland          |
| 2.05 Airport connectivity score   | 364,184.2 | 86.0 ↓  | 22       | Multiple (8)         |
| 2.06 Efficiency of air transport services 1-7 (best)  | 3.8       | 47.4 ↑  | 101      | Singapore            |
| 2.07 Liner Shipping Connectivity Index 0-157.1 (best)   | 60.5      | 60.5 ↓  | 20       | Multiple (4)         |
| 2.08 Efficiency of seaport services 1-7 (best)  | 3.8       | 46.4 ↓  | 78       | Singapore            |
| 2.09 Electrification rate % pop.  | 98.3      | 98.3 ↑  | 87       | Multiple (66)        |
| 2.10 Electric power transmission and distribution losses % output   | 9.1       | 94.7 ↓  | 55       | Multiple (9)         |
| 2.11 Exposure to unsafe drinking water % pop.   | 15.0      | 86.7 =  | 82       | Multiple (23)        |
| 2.12 Reliability of water supply 1-7 (best)   | 4.3       | 55.1 ↓  | 95       | Switzerland          |
|  <b>Pillar 3: ICT adoption</b> 0-100 (best)            | -         | 43.3 ↑  | 95       | Korea, Rep.          |
| 3.01 Mobile-cellular telephone subscriptions /100 pop.  | 125.6     | 100.0 = | 50       | Multiple (68)        |
| 3.02 Mobile-broadband subscriptions /100 pop.   | 46.9      | n/a     | 101      | United Arab Emirates |
| 3.03 Fixed-broadband Internet subscriptions /100 pop.   | 11.8      | 23.6 ↑  | 69       | Switzerland          |
| 3.04 Fibre Internet subscriptions /100 pop.   | 0.3       | n/a     | 74       | Korea, Rep.          |
| 3.05 Internet users % pop.  | 46.5      | 46.5 ↑  | 88       | Iceland              |
|  <b>Pillar 4: Macroeconomic stability</b> 0-100 (best) | -         | 75.0 =  | 64       | Multiple (31)        |
| 4.01 Inflation annual % change  | 3.1       | 100.0 = | 1        | Multiple (74)        |
| 4.02 Debt dynamics 0-100 (best)   | 50.0      | 50.0 =  | 64       | Multiple (36)        |
|  <b>Pillar 5: Health</b> 0-100 (best)                  | -         | 81.0 ↑  | 68       | Multiple (4)         |
| 5.01 Healthy life expectancy years  | 65.9      | 81.0 ↑  | 67       | Multiple (4)         |
|  <b>Pillar 6: Skills</b> 0-100 (best)                  | -         | 54.3 ↓  | 97       | Finland              |
| 6.01 Mean years of schooling Years  | 7.6       | 50.7 =  | 98       | Finland              |
| 6.02 Extent of staff training 1-7 (best)  | 3.7       | 45.8 ↓  | 81       | Switzerland          |
| 6.03 Quality of vocational training 1-7 (best)  | 3.5       | 41.0 ↓  | 115      | Switzerland          |
| 6.04 Skillset of graduates 1-7 (best)   | 3.3       | 38.6 ↓  | 128      | Switzerland          |
| 6.05 Digital skills among population 1-7 (best)   | 3.7       | 44.6 ↓  | 98       | Sweden               |
| 6.06 Ease of finding skilled employees 1-7 (best)   | 3.7       | 44.6 ↓  | 104      | United States        |
| 6.07 School life expectancy Years   | 12.6      | 70.0 =  | 91       | Multiple (9)         |
| 6.08 Critical thinking in teaching 1-7 (best)   | 2.9       | 31.4 ↓  | 113      | United States        |
| 6.09 Pupil-to-teacher ratio in primary education Ratio  | 19.6      | 75.9 ↓  | 76       | Multiple (6)         |

| Index Component  | Value  | Score * | Rank/140 | Best Performer |
|--|--------|---------|----------|----------------|
|  <b>Pillar 7: Product market</b> 0-100 (best)           | -      | 52.1 ↓  | 102      | Singapore      |
| 7.01 Distortive effect of taxes and subsidies on competition 1-7 (best)  | 3.4    | 40.0 ↓  | 94       | Singapore      |
| 7.02 Extent of market dominance 1-7 (best)   | 3.6    | 43.7 ↑  | 77       | Switzerland    |
| 7.03 Competition in services 1-7 (best)  | 4.6    | 59.6 ↑  | 103      | Hong Kong SAR  |
| 7.04 Prevalence of non-tariff barriers 1-7 (best)  | 3.9    | 47.6 ↓  | 124      | Singapore      |
| 7.05 Trade tariffs % duty  | 8.12   | 45.9 ↓  | 93       | Hong Kong SAR  |
| 7.06 Complexity of tariffs 1-7 (best)  | 5.6    | 75.9 ↓  | 73       | Hong Kong SAR  |
| 7.07 Efficiency of the clearance process 1-5 (best)  | 3.0    | 48.8 ↑  | 42       | Germany        |
| 7.08 Services trade openness 0-100 (worst)   | 36.0   | 64.0 =  | 73       | Ecuador        |
|  <b>Pillar 8: Labour market</b> 0-100 (best)            | -      | 55.6 ↑  | 90       | United States  |
| 8.01 Redundancy costs weeks of salary  | 24.6   | 57.2 =  | 106      | Multiple (8)   |
| 8.02 Hiring and firing practices 1-7 (best)  | 4.1    | 51.3 ↑  | 46       | Hong Kong SAR  |
| 8.03 Cooperation in Labour-employer relations 1-7 (best)   | 4.2    | 52.8 ↓  | 92       | Switzerland    |
| 8.04 Flexibility of wage determination 1-7 (best)  | 4.7    | 61.7 ↓  | 89       | Hong Kong SAR  |
| 8.05 Active Labour policies 1-7 (best)   | 3.0    | 33.7 ↓  | 78       | Switzerland    |
| 8.06 Workers' rights 0-100 (best)  | 68.0   | 68.0    | 82       | Multiple (4)   |
| 8.07 Ease of hiring foreign labour 1-7 (best)  | 3.8    | 47.3 ↓  | 95       | Albania        |
| 8.08 Internal Labour mobility 1-7 (best)   | 4.7    | 61.6 ↑  | 49       | Guinea         |
| 8.09 Reliance on professional management 1-7 (best)  | 3.4    | 39.5 ↓  | 124      | Finland        |
| 8.10 Pay and productivity 1-7 (best)   | 3.9    | 49.1 ↓  | 66       | United States  |
| 8.11 Female participation in Labour force ratio  | 0.70   | 62.9 ↑  | 73       | Multiple (4)   |
| 8.12 Labour tax rate %   | 24.8   | 76.7 =  | 106      | Multiple (26)  |
|  <b>Pillar 9: Financial system</b> 0-100 (best)         | -      | 62.3 ↓  | 59       | United States  |
| 9.01 Domestic credit to private sector % GDP   | 112.0  | 100.0 = | 24       | Multiple (29)  |
| 9.02 Financing of SMEs 1-7 (best)  | 3.7    | 44.5 ↓  | 85       | United States  |
| 9.03 Venture capital availability 1-7 (best)   | 3.2    | 36.7 ↓  | 51       | United States  |
| 9.04 Market capitalization % GDP   | 28.0   | 28.0 ↑  | 60       | Multiple (12)  |
| 9.05 Insurance premium % GDP   | 1.2    | 19.8 =  | 91       | Multiple (16)  |
| 9.06 Soundness of banks 1-7 (best)   | 3.7    | 45.5 ↓  | 113      | Finland        |
| 9.07 Non-performing loans % loan portfolio value   | 2.3    | 96.3 =  | 39       | Multiple (2)   |
| 9.08 Credit gap percentage points  | 2.2    | 99.5 ↓  | 101      | Multiple (97)  |
| 9.09 Banks' regulatory capital ratio ratio   | 12.7   | 90.7 =  | 111      | Multiple (72)  |
|  <b>Pillar 10: Market size</b> 0-100 (best)           | -      | 70.9 ↑  | 29       | China          |
| 10.01 Gross domestic product PPP \$ billions   | 590    | n/a     | 34       | China          |
| 10.02 Imports % GDP  | 103.6  | n/a     | 7        | Hong Kong SAR  |
|  <b>Pillar 11: Business dynamism</b> 0-100 (best)     | -      | 53.7 ↓  | 101      | United States  |
| 11.01 Cost of starting a business % GNI per capita   | 6.5    | 96.8 ↓  | 66       | Multiple (2)   |
| 11.02 Time to start a business days  | 22.0   | 78.4 ↑  | 104      | New Zealand    |
| 11.03 Insolvency recovery rate cents/\$  | 21.8   | 23.5 ↓  | 109      | Norway         |
| 11.04 Insolvency regulatory framework 0-16 (best)  | 7.5    | 46.9 =  | 93       | Multiple (5)   |
| 11.05 Attitudes toward entrepreneurial risk 1-7 (best)   | 3.7    | 45.2 ↓  | 93       | Israel         |
| 11.06 Willingness to delegate authority 1-7 (best)   | 3.8    | 47.3 ↓  | 110      | Denmark        |
| 11.07 Growth of innovative companies 1-7 (best)  | 3.8    | 46.6 ↑  | 90       | Israel         |
| 11.08 Companies embracing disruptive ideas 1-7 (best)  | 3.7    | 44.7 ↑  | 52       | United States  |
|  <b>Pillar 12: Innovation capability</b> 0-100 (best) | -      | 33.4 ↓  | 82       | Germany        |
| 12.01 Diversity of workforce 1-7 (best)  | 4.2    | 52.6 ↓  | 91       | Canada         |
| 12.02 State of cluster development 1-7 (best)  | 3.7    | 45.2 ↓  | 77       | United States  |
| 12.03 International co-inventions applications/million pop.  | 0.12   | 3.4 ↓   | 80       | Multiple (7)   |
| 12.04 Multi-stakeholder collaboration 1-7 (best)   | 3.3    | 38.2 ↓  | 97       | United States  |
| 12.05 Scientific publications H Index  | 172.3  | 76.3 ↑  | 59       | Multiple (7)   |
| 12.06 Patent applications applications/million pop.  | 0.20   | 3.4 ↓   | 89       | Multiple (8)   |
| 12.07 R&D expenditures % GDP   | 0.4    | 12.5 =  | 76       | Multiple (7)   |
| 12.08 Quality of research institutions index   | 0.01   | 3.0 ↑   | 60       | Multiple (7)   |
| 12.09 Buyer sophistication 1-7 (best)  | 3.2    | 36.2 ↓  | 90       | United States  |
| 12.10 Trademark applications applications/million pop.   | 354.04 | 63.2 ↑  | 79       | 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/>

