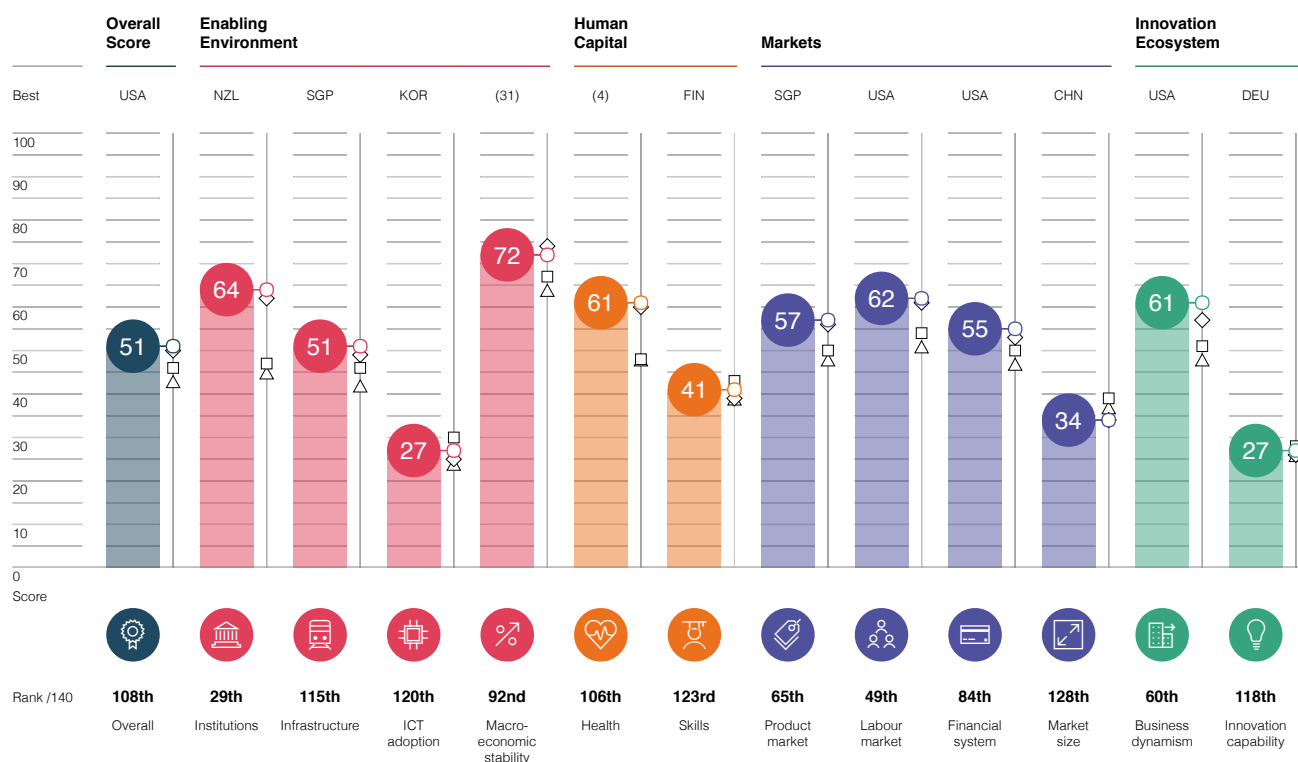


Rwanda

108th / 140

Global Competitiveness Index 4.0 2018 edition

Rank in 2017 edition: 107th/135







Performance Overview 2018 **Key** ◇ Previous edition △ Low income group average □ Sub-Saharan Africa average

Selected contextual indicators

| | | | |
|-------------------------------------|-------|--------------------------------------|------|
| Population millions | 11.8 | GDP (PPP) % world GDP | 0.02 |
| GDP per capita US\$ | 771.7 | Unemployment rate % | 1.3 |
| 10-year average annual GDP growth % | 7.2 | 5-year average FDI inward flow % GDP | 4.2 |

Social and environmental performance

| | | | |
|--|-----|--|------|
| Environmental footprint gha/capita | 0.8 | Global Gender Gap Index 0-1 (gender parity) | 0.8 |
| Inclusive Development Index 1-7 (best) | 3.2 | Income Gini 0 (perfect equality) -100 (perfect inequality) | 45.1 |

| Index Component | Value | Score * | Rank/140 | Best Performer |
|---|---------|---------------|------------|----------------------|
|  Pillar 1: Institutions 0-100 (best) | - | 64.4 ↑ | 29 | New Zealand |
| 1.01 Organized crime 1-7 (best) | 5.3 | 72.2 ↓ | 38 | Finland |
| 1.02 Homicide rate /100,000 pop. | 2.5 | 93.2 = | 68 | Multiple (9) |
| 1.03 Terrorism incidence 0 (very high) -100 (no incidence) | 99.7 | 99.7 ↓ | 82 | Multiple (24) |
| 1.04 Reliability of police services 1-7 (best) | 5.5 | 75.5 ↓ | 33 | Finland |
| 1.05 Social capital 0-100 (high) | 49.3 | 49.3 ↑ | 80 | Australia |
| 1.06 Budget transparency 0-100 (best) | 34.6 | 34.6 = | 116 | Multiple (2) |
| 1.07 Judicial independence 1-7 (best) | 5.0 | 66.5 ↓ | 34 | Finland |
| 1.08 Efficiency of legal framework in challenging regulations 1-7 (best) | 4.5 | 57.9 ↓ | 20 | Finland |
| 1.09 Freedom of the press 0-100 (worst) | 52.9 | 47.1 ↑ | 128 | Norway |
| 1.10 Burden of government regulation 1-7 (best) | 4.6 | 59.9 ↓ | 13 | Singapore |
| 1.11 Efficiency of legal framework in settling disputes 1-7 (best) | 5.0 | 67.2 ↑ | 19 | Singapore |
| 1.12 E-Participation Index 0-1 (best) | 0.76 | 75.8 ↑ | 58 | Multiple (3) |
| 1.13 Future orientation of government 1-7 (best) | 5.1 | 68.6 ↓ | 12 | Singapore |
| 1.14 Incidence of corruption 0-100 (best) | 55.0 | 55.0 ↑ | 43 | New Zealand |
| 1.15 Property rights 1-7 (best) | 4.8 | 63.6 ↓ | 44 | Finland |
| 1.16 Intellectual property protection 1-7 (best) | 4.7 | 62.4 ↑ | 37 | Finland |
| 1.17 Quality of land administration 0-30 (best) | 28.0 | 93.3 = | 5 | Singapore |
| 1.18 Strength of auditing and reporting standards 1-7 (best) | 4.6 | 60.4 ↑ | 69 | Finland |
| 1.19 Conflict of interest regulation 0-10 (best) | 7.0 | 70.0 ↑ | 23 | Multiple (2) |
| 1.20 Shareholder governance 0-10 (best) | 7.7 | 77.0 ↑ | 10 | Kazakhstan |
|  Pillar 2: Infrastructure 0-100 (best) | - | 50.8 ↑ | 115 | Singapore |
| 2.01 Road connectivity index 0-100 (best) | 27.2 | 27.2 = | 127 | United States |
| 2.02 Quality of roads 1-7 (best) | 4.7 | 61.2 ↑ | 40 | Singapore |
| 2.03 Railroad density km of roads/square km | n/a | n/a | n/a | Multiple (20) |
| 2.04 Efficiency of train services 1-7 (best) | 3.2 | 35.9 ↓ | 71 | Switzerland |
| 2.05 Airport connectivity score | 2,559.9 | 19.8 ↓ | 123 | Multiple (8) |
| 2.06 Efficiency of air transport services 1-7 (best) | 4.8 | 63.7 ↑ | 56 | 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) | 2.9 | 31.9 ↑ | 111 | Singapore |
| 2.09 Electrification rate % pop. | 30.0 | 30.0 ↑ | 130 | Multiple (66) |
| 2.10 Electric power transmission and distribution losses % output | n/a | 82.2 ↓ | n/a | Multiple (9) |
| 2.11 Exposure to unsafe drinking water % pop. | 32.8 | 68.6 ↑ | 108 | Multiple (23) |
| 2.12 Reliability of water supply 1-7 (best) | 4.2 | 53.8 ↑ | 97 | Switzerland |
|  Pillar 3: ICT adoption 0-100 (best) | - | 27.1 ↑ | 120 | Korea, Rep. |
| 3.01 Mobile-cellular telephone subscriptions /100 pop. | 72.2 | 60.2 ↓ | 127 | Multiple (68) |
| 3.02 Mobile-broadband subscriptions /100 pop. | 35.0 | n/a | 109 | United Arab Emirates |
| 3.03 Fixed-broadband Internet subscriptions /100 pop. | 0.2 | 0.4 ↓ | 127 | Switzerland |
| 3.04 Fibre Internet subscriptions /100 pop. | 0.0 | n/a | 108 | Korea, Rep. |
| 3.05 Internet users % pop. | 20.0 | 20.0 ↑ | 119 | Iceland |
|  Pillar 4: Macroeconomic stability 0-100 (best) | - | 71.8 ↓ | 92 | Multiple (31) |
| 4.01 Inflation annual % change | 5.3 | 96.4 ↓ | 101 | Multiple (74) |
| 4.02 Debt dynamics 0-100 (best) | 47.2 | 47.2 ↓ | 100 | Multiple (36) |
|  Pillar 5: Health 0-100 (best) | - | 60.9 ↑ | 106 | Multiple (4) |
| 5.01 Healthy life expectancy years | 59.5 | 60.9 ↑ | 105 | Multiple (4) |
|  Pillar 6: Skills 0-100 (best) | - | 40.9 ↑ | 123 | Finland |
| 6.01 Mean years of schooling Years | 4.4 | 29.3 = | 126 | Finland |
| 6.02 Extent of staff training 1-7 (best) | 3.8 | 45.9 ↑ | 80 | Switzerland |
| 6.03 Quality of vocational training 1-7 (best) | 4.1 | 51.1 ↑ | 68 | Switzerland |
| 6.04 Skillset of graduates 1-7 (best) | 3.8 | 46.2 ↑ | 91 | Switzerland |
| 6.05 Digital skills among population 1-7 (best) | 3.9 | 48.3 ↑ | 82 | Sweden |
| 6.06 Ease of finding skilled employees 1-7 (best) | 4.2 | 52.8 ↑ | 65 | United States |
| 6.07 School life expectancy Years | 11.2 | 62.3 ↑ | 109 | Multiple (9) |
| 6.08 Critical thinking in teaching 1-7 (best) | 3.8 | 46.0 ↑ | 43 | United States |
| 6.09 Pupil-to-teacher ratio in primary education Ratio | 58.5 | 0.0 | 137 | Multiple (6) |

Rwanda

108th/140

| Index Component | Value | Score * | Rank/140 | Best Performer |
|--|-------|---------------|------------|----------------------|
|  Pillar 7: Product market 0-100 (best) | - | 56.6 ↑ | 65 | Singapore |
| 7.01 Distortive effect of taxes and subsidies on competition 1-7 (best) | 4.5 | 58.6 ↑ | 24 | Singapore |
| 7.02 Extent of market dominance 1-7 (best) | 4.1 | 52.1 ↑ | 40 | Switzerland |
| 7.03 Competition in services 1-7 (best) | 4.6 | 60.7 ↑ | 97 | Hong Kong SAR |
| 7.04 Prevalence of non-tariff barriers 1-7 (best) | 4.2 | 53.9 ↑ | 87 | Singapore |
| 7.05 Trade tariffs % duty | 11.69 | 22.1 ↓ | 121 | Hong Kong SAR |
| 7.06 Complexity of tariffs 1-7 (best) | 6.3 | 87.9 ↓ | 52 | Hong Kong SAR |
| 7.07 Efficiency of the clearance process 1-5 (best) | 2.7 | 41.7 ↓ | 63 | Germany |
| 7.08 Services trade openness 0-100 (worst) | 25.0 | 75.0 = | 51 | Ecuador |
|  Pillar 8: Labour market 0-100 (best) | - | 62.1 ↑ | 49 | United States |
| 8.01 Redundancy costs weeks of salary | 13.0 | 81.3 = | 46 | Multiple (8) |
| 8.02 Hiring and firing practices 1-7 (best) | 4.3 | 55.5 ↑ | 32 | Hong Kong SAR |
| 8.03 Cooperation in Labour-employer relations 1-7 (best) | 4.9 | 65.1 ↑ | 31 | Switzerland |
| 8.04 Flexibility of wage determination 1-7 (best) | 5.0 | 65.9 ↑ | 64 | Hong Kong SAR |
| 8.05 Active Labour policies 1-7 (best) | 3.5 | 42.5 ↑ | 61 | Switzerland |
| 8.06 Workers' rights 0-100 (best) | 86.6 | 86.6 ↑ | 24 | Multiple (4) |
| 8.07 Ease of hiring foreign labour 1-7 (best) | 4.4 | 57.5 ↓ | 39 | Albania |
| 8.08 Internal Labour mobility 1-7 (best) | 4.0 | 50.1 ↑ | 106 | Guinea |
| 8.09 Reliance on professional management 1-7 (best) | 4.7 | 62.1 ↑ | 41 | Finland |
| 8.10 Pay and productivity 1-7 (best) | 4.1 | 51.0 ↑ | 60 | United States |
| 8.11 Female participation in Labour force ratio | 0.45 | 31.8 ↑ | 106 | Multiple (4) |
| 8.12 Labour tax rate % | 5.9 | 100.0 = | 22 | Multiple (26) |
|  Pillar 9: Financial system 0-100 (best) | - | 54.9 ↑ | 84 | United States |
| 9.01 Domestic credit to private sector % GDP | 21.0 | 22.1 ↑ | 119 | Multiple (29) |
| 9.02 Financing of SMEs 1-7 (best) | 4.2 | 53.4 ↑ | 35 | United States |
| 9.03 Venture capital availability 1-7 (best) | 3.4 | 40.8 ↑ | 38 | United States |
| 9.04 Market capitalization % GDP | 26.0 | 26.0 = | 65 | Multiple (12) |
| 9.05 Insurance premium % GDP | 0.6 | 10.5 = | 114 | Multiple (16) |
| 9.06 Soundness of banks 1-7 (best) | 4.3 | 54.3 ↑ | 98 | Finland |
| 9.07 Non-performing loans % loan portfolio value | 7.1 | 86.7 ↓ | 86 | Multiple (2) |
| 9.08 Credit gap percentage points | 0.4 | 100.0 = | 79 | Multiple (97) |
| 9.09 Banks' regulatory capital ratio ratio | 23.2 | 100.0 = | 7 | Multiple (72) |
|  Pillar 10: Market size 0-100 (best) | - | 33.8 ↓ | 128 | China |
| 10.01 Gross domestic product PPP \$ billions | 22 | n/a | 124 | China |
| 10.02 Imports % GDP | 31.4 | n/a | 104 | Hong Kong SAR |
|  Pillar 11: Business dynamism 0-100 (best) | - | 60.6 ↑ | 60 | United States |
| 11.01 Cost of starting a business % GNI per capita | 44.6 | 77.7 ↑ | 127 | Multiple (2) |
| 11.02 Time to start a business days | 4.0 | 96.5 = | 12 | New Zealand |
| 11.03 Insolvency recovery rate cents/\$ | 19.1 | 20.6 ↓ | 117 | Norway |
| 11.04 Insolvency regulatory framework 0-16 (best) | 12.0 | 75.0 = | 28 | Multiple (5) |
| 11.05 Attitudes toward entrepreneurial risk 1-7 (best) | 4.3 | 54.5 ↑ | 42 | Israel |
| 11.06 Willingness to delegate authority 1-7 (best) | 4.5 | 59.1 ↑ | 46 | Denmark |
| 11.07 Growth of innovative companies 1-7 (best) | 4.3 | 54.4 ↑ | 45 | Israel |
| 11.08 Companies embracing disruptive ideas 1-7 (best) | 3.8 | 46.9 ↑ | 43 | United States |
|  Pillar 12: Innovation capability 0-100 (best) | - | 27.3 ↑ | 118 | Germany |
| 12.01 Diversity of workforce 1-7 (best) | 3.8 | 46.4 ↓ | 121 | Canada |
| 12.02 State of cluster development 1-7 (best) | 3.7 | 45.8 ↑ | 75 | United States |
| 12.03 International co-inventions applications/million pop. | 0.01 | 0.3 ↑ | 116 | Multiple (7) |
| 12.04 Multi-stakeholder collaboration 1-7 (best) | 3.9 | 48.7 ↑ | 47 | United States |
| 12.05 Scientific publications H Index | 64.7 | 62.0 ↑ | 116 | Multiple (7) |
| 12.06 Patent applications applications/million pop. | 0.01 | 0.2 ↑ | 121 | Multiple (8) |
| 12.07 R&D expenditures % GDP | n/a | 4.0 ↑ | n/a | 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 | 34.0 ↑ | 98 | United States |
| 12.10 Trademark applications applications/million pop. | 17.17 | 31.2 ↓ | 122 | 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/>