Portugal 34th/140

Global Competitiveness Index 4.0 2018 edition

Rank in 2017 edition: 33rd/135

Performance Overview Key ♦ Previous edition △ High income group average ☐ Europe and North America average 2018

	Overall Score	Enabling Environm				Human Capital		Markets				Innovatio Ecosyste	
Best	USA	NZL	SGP	KOR	(31)	(4)	FIN	SGP	USA	USA	CHN	USA	DEU
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Rank /140	34th	30th	19th	37th	58th	23rd	41st	35th	35th	38th	52nd	27th	32nd
	Overall	Institutions	Infrastructure	ICT adoption	Macro- economic stability	Health	Skills	Product market	Labour market	Financial system	Market size	Business dynamism	Innovation capability

Selected contextual indicators

Population millions	10.3	GDP (PPP) % world GDP	0.25
GDP per capita US\$	21,161.3	Unemployment rate %	8.9
10-year average annual GDP growth %	-0.1	5-year average FDI inward flow % GDP	2.7

Social and environmental performance

Environmental footprint gha/capita	3.7	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)	35.5

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Index Component	Value	Score *	Rank/140	Best Performer
Pillar 1: Institutions 0-100 (best)	-	63.9 ↑	30	New Zealand
1.01 Organized crime 1-7 (best)	6.0	83.0 ↓	12	Finland
1.02 Homicide rate /100,000 pop.	0.6	99.5 ↑	17	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)	5.8	79.6 ↑	23	Finland
1.05 Social capital 0-100 (high)	54.2	54.2 ↓	45	Australia
1.06 Budget transparency 0-100 (best)	69.2	69.2 =	36	Multiple (2)
1.07 Judicial independence 1-7 (best)	4.8	63.8 ↓	38	Finland
1.08 Efficiency of legal framework in challenging regulations 1-7 (best)	3.1	34.9 ↑	82	Finland
1.09 Freedom of the press 0-100 (worst)	14.2	85.8 ↑	14	Norway
1.10 Burden of government regulation 1-7 (best)	3.1	34.8 ↑	94	Singapore
1.11 Efficiency of legal framework in settling disputes 1-7 (best)	2.8	30.2 ↑	116	Singapore
1.12 E-Participation Index 0-1 (best)	0.90	89.9 ↑	30	Multiple (3)
1.13 Future orientation of government 1-7 (best)	3.7	45.1 ↑	70	Singapore
1.14 Incidence of corruption 0-100 (best)	63.0	63.0 ↑	26	New Zealand
· · · · · ·	4.9	65.4 ↑	40	Finland
1.15 Property rights 1-7 (best)	5.1	69.1 ↑		Finland
1.16 Intellectual property protection 1-7 (best)			28	
1.17 Quality of land administration 0-30 (best)	21.0	70.0 =	43	Singapore
1.18 Strength of auditing and reporting standards 1-7 (best)	4.2	53.3 ↑	94	Finland
1.19 Conflict of interest regulation 0-10 (best)	6.0	60.0 =	54	Multiple (2)
1.20 Shareholder governance 0-10 (best)	6.0	60.0 =	56	Kazakhstan
Pillar 2: Infrastructure 0-100 (best)	-	83.3 ↑	19	Singapore
2.01 Road connectivity index 0-100 (best)	90.1	90.1 =	15	United States
2.02 Quality of roads 1-7 (best)	6.1	84.2 ↑	5	Singapore
2.03 Railroad density km of roads/square km	27.6	69.0 =	29	Multiple (20)
2.04 Efficiency of train services 1-7 (best)	4.6	59.7 ↓	23	Switzerland
2.05 Airport connectivity score	174,511.4	72.0 ↓	30	Multiple (8)
2.06 Efficiency of air transport services 1-7 (best)	5.4	72.7 ↓	33	Singapore
2.07 Liner Shipping Connectivity Index 0–157.1 (best)	54.1	54.1 ↑	27	Multiple (4)
2.08 Efficiency of seaport services 1-7 (best)	5.0	66.2 ↓	26	Singapore
2.09 Electrification rate % pop.	100.0	100.0 =	1	Multiple (66)
2.10 Electric power transmission and distribution losses % output	9.0	94.8 ↑	53	Multiple (9)
2.11 Exposure to unsafe drinking water % pop.	1.1	100.0 =	22	Multiple (23)
2.12 Reliability of water supply 1-7 (best)	6.2	87.3 ↓	26	Switzerland
Pillar 3: ICT adoption 0-100 (best)		67.1 ↑	37	Korea, Rep.
3.01 Mobile-cellular telephone subscriptions /100 pop.	113.9	94.9 ↑	78	Multiple (68)
3.02 Mobile-broadband subscriptions /100 pop.	68.9	n/a	69	United Arab Emirates
3.03 Fixed-broadband Internet subscriptions /100 pop.	34.6	69.2 ↑	17	Switzerland
3.04 Fibre Internet subscriptions /100 pop.	10.5	n/a	21	Korea, Rep.
3.05 Internet users % pop.	70.4	70.4 ↑	54	Iceland
% Pillar 4: Macroeconomic stability 0-100 (best)	-	85.0 =	58	Multiple (31)
4.01 Inflation annual % change	1.1	100.0 =	1	Multiple (74)
4.02 Debt dynamics 0-100 (best)	70.0	70.0 =	60	Multiple (36)
Pillar 5: Health 0-100 (best)	-	95.3 ↑	23	Multiple (4)
5.01 Healthy life expectancy years	70.5	95.3 ↑	22	Multiple (4)
Pillar 6: Skills 0-100 (best)	-	69.9 ↑	41	Finland
6.01 Mean years of schooling Years	8.9	59.3 =	75	Finland
6.02 Extent of staff training 1-7 (best)	4.1	51.6 ↓	59	Switzerland
6.03 Quality of vocational training 1-7 (best)	4.4	57.3 ↑	45	Switzerland
6.04 Skillset of graduates 1-7 (best)	4.8	63.3 ↑	29	Switzerland
6.05 Digital skills among population 1-7 (best)	4.6	59.3 ↑	50	Sweden
6.06 Ease of finding skilled employees 1-7 (best)	4.7	61.7 ↓	32	United States
6.07 School life expectancy Years	16.3	90.5 ↓	29	Multiple (9)
6.08 Critical thinking in teaching 1-7 (best)	4.0	50.8 ↑	36	United States
6.09 Pupil-to-teacher ratio in primary education Ratio	13.3	91.7 =	36	Multiple (6)
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Pillar 7: Product market 0-100 (best)	-	61.9 ↓	35	Singapore
7.01 Distortive effect of taxes and subsidies on competition 1-7 (best)	3.8	46.6 ↑	61	Singapore
7.02 Extent of market dominance 1-7 (best)	4.1	52.5 ↑	38	Switzerland
7.03 Competition in services 1-7 (best)	5.4	73.7 ↑	22	Hong Kong SAR
7.04 Prevalence of non-tariff barriers 1-7 (best)	5.3	72.4 ↓	5	Singapore
7.05 Trade tariffs % duty	1.13	92.4 ↓	21	Hong Kong SAR
7.06 Complexity of tariffs 1-7 (best)	3.0	33.7 ↓	112	Hong Kong SAR
7.07 Efficiency of the clearance process 1–5 (best)	3.2	54.3 ↓	35	Germany
7.08 Services trade openness 0-100 (worst)	21.8	78.2 =	44	Ecuador
Pillar 8: Labour market 0-100 (best)	-	64.7 ↑	35	United States
8.01 Redundancy costs weeks of salary	17.0	72.9 =	73	Multiple (8)
8.02 Hiring and firing practices 1-7 (best)	3.1	35.2 ↑	121	Hong Kong SAR
8.03 Cooperation in Labour-employer relations 1-7 (best)	4.6	60.2 ↓	49	Switzerland
8.04 Flexibility of wage determination 1-7 (best)	4.8	63.1 ↓	82	Hong Kong SAR
8.05 Active Labour policies 1-7 (best)	4.2	52.8 ↑	38	Switzerland
8.06 Workers' rights 0-100 (best)	90.7	90.7 ↑	14	Multiple (4)
8.07 Ease of hiring foreign labour 1-7 (best)	5.0	66.9 ↓	9	Albania
8.08 Internal Labour mobility 1-7 (best)	3.9	48.2 ↓	116	Guinea
8.09 Reliance on professional management 1-7 (best)	4.4	56.2 ↑	60	Finland
8.10 Pay and productivity 1-7 (best)	3.9	49.0 ↓	67	United States
8.11 Female participation in Labour force ratio	0.95	93.5 ↑	13	Multiple (4)
8.12 Labour tax rate %	26.8	73.9 =	117	Multiple (26)
□ Pillar 9: Financial system 0-100 (best)	-	68.4 ↑	38	United States
9.01 Domestic credit to private sector % GDP	120.4	100.0 =	20	Multiple (29)
9.02 Financing of SMEs 1-7 (best)	3.7	45.5 ↑	74	United States
9.03 Venture capital availability 1-7 (best)	3.1	35.5 ↑	55	United States
9.04 Market capitalization % GDP	27.7	27.7 ↓	61	Multiple (12)
9.05 Insurance premium % GDP	7.0	100.0 =	11	Multiple (16)
9.06 Soundness of banks 1-7 (best)	3.3	38.7 ↑	127	Finland
9.07 Non-performing loans % loan portfolio value	11.8	77.1 ↑	112	Multiple (2)
9.08 Credit gap percentage points	-25.7	100.0 =	6	Multiple (97)
9.09 Banks' regulatory capital ratio ratio	13.0	91.2 =	108	Multiple (72)
Pillar 10: Market size 0-100 (best)	-	60.1 ↑	52	China
10.01 Gross domestic product PPP \$ billions	286	n/a	53	China
10.02 Imports % GDP	43.2	n/a	71	Hong Kong SAR
Pillar 11: Business dynamism 0-100 (best)		69.7 ↓	27	United States
11.01 Cost of starting a business % GNI per capita	2.1	99.0 =	43	Multiple (2)
11.02 Time to start a business days	5.0	95.5 =	21	New Zealand
11.03 Insolvency recovery rate cents/\$	63.8	68.7 ↓	35	Norway
11.04 Insolvency regulatory framework 0-16 (best)	14.5	90.6 =	6	Multiple (5)
11.05 Attitudes toward entrepreneurial risk 1-7 (best)	3.8	46.7 ↑	80	Israel
11.06 Willingness to delegate authority 1-7 (best)	4.3	54.2 ↑	70	Denmark
11.07 Growth of innovative companies 1-7 (best)	4.4	56.3 ↑	41	Israel
11.08 Companies embracing disruptive ideas 1-7 (best)	3.8	46.7 ↓	46	United States
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, ,	- 4.9	53.1 ↑ 63.0 ↓	32	Germany Canada
12.01 Diversity of workforce 1-7 (best)	4.8		41	
12.02 State of cluster development 1-7 (best)	4.3	54.4 ↑	38	United States
12.03 International co-inventions applications/million pop.	1.34	26.1 ↓	37	Multiple (7)
12.04 Multi-stakeholder collaboration 1-7 (best)	4.0	50.5 ↑	41	United States
12.05 Scientific publications H Index	391.3	88.4 ↑	31	Multiple (7)
12.06 Patent applications applications/million pop.	10.89	45.5 ↑	35	Multiple (8)
12.07 R&D expenditures % GDP	1.3	42.6 ↓	30	Multiple (7)
12.08 Quality of research institutions index	0.08	20.7 ↑	26	Multiple (7)
12.09 Buyer sophistication 1-7 (best)	3.8	46.5 ↑	43	United States
12.10 Trademark applications applications/million pop.	5,617.63	92.9 ↑	20	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/