

Greece

GII 2021 rank

47

Output rank	Input rank	Income	Region	Population (mn)	GDP, PPP\$ (bn)	GDP per capita, PPP\$	GII 2020 rank
60	39	High	EUR	10.4	310.7	29,045	43

Institutions			Score/ Value Rank	Business sophistication			Score/ Value Rank
1.1 Political environment	63.6	50 ◇	69.2	51			25.9
1.1.1 Political and operational stability*	71.4	54 ◇		5.1 Knowledge workers	35.7	55	
1.1.2 Government effectiveness*	59.7	50 ◇		5.1.1 Knowledge-intensive employment, %	30.1	47	
1.2 Regulatory environment	69.5	51		5.1.2 Firms offering formal training, %	21.6	73	
1.2.1 Regulatory quality*	57.3	47 ◇		5.1.3 GERD performed by business, % GDP	0.6	36	
1.2.2 Rule of law*	52.0	54 ◇		5.1.4 GERD financed by business, %	41.6	40	
1.2.3 Cost of redundancy dismissal	15.9	64		5.1.5 Females employed w/advanced degrees, %	18.3	36	
1.3 Business environment	74.6	53		5.2 Innovation linkages	20.1	69 ◇	
1.3.1 Ease of starting a business*	96.0	11 ●◆		5.2.1 University-industry R&D collaboration†	31.0	110 ○ ◇	
1.3.2 Ease of resolving insolvency*	53.1	66		5.2.2 State of cluster development and depth†	32.8	118 ○ ◇	
Human capital and research	54.3	16 ●		5.2.3 GERD financed by abroad, % GDP	0.2	22	
2.1 Education	66.2	13 ●		5.2.4 Joint venture/strategic alliance deals/bn PPP\$ GDP	0.0	51	
2.1.1 Expenditure on education, % GDP	n/a	n/a		5.2.5 Patent families/bn PPP\$ GDP	0.3	38	
2.1.2 Government funding/pupil, secondary, % GDP/cap	21.5	37					
2.1.3 School life expectancy, years	19.5	5 ●◆					
2.1.4 PISA scales in reading, maths and science	453.5	43					
2.1.5 Pupil-teacher ratio, secondary	② 8.5	15 ●◆					
2.2 Tertiary education	63.4	1 ●◆		5.3 Knowledge absorption	21.8	80 ◇	
2.2.1 Tertiary enrolment, % gross	142.9	1 ●◆		5.3.1 Intellectual property payments, % total trade	0.4	72	
2.2.2 Graduates in science and engineering, %	28.3	21		5.3.2 High-tech imports, % total trade	5.1	110 ○	
2.2.3 Tertiary inbound mobility, %	3.4	63		5.3.3 ICT services imports, % total trade	1.0	74	
2.3 Research and development (R&D)	33.4	34		5.3.4 FDI net inflows, % GDP	2.0	79	
2.3.1 Researchers, FTE/mn pop.	3,827.2	27		5.3.5 Research talent, % in businesses	25.6	49	
2.3.2 Gross expenditure on R&D, % GDP	1.3	30					
2.3.3 Global corporate R&D investors, top 3, mn US\$	41.4	37					
2.3.4 QS university ranking, top 3*	21.2	49					
Infrastructure	48.5	45		5.4 Knowledge and technology outputs	25.2	52	
3.1 Information and communication technologies (ICTs)	77.4	43		6.1 Knowledge creation	23.7	41	
3.1.1 ICT access*	84.2	21 ●		6.1.1 Patents by origin/bn PPP\$ GDP	1.5	50	
3.1.2 ICT use*	76.3	35		6.1.2 PCT patents by origin/bn PPP\$ GDP	0.3	39	
3.1.3 Government's online service*	70.6	65 ◇		6.1.3 Utility models by origin/bn PPP\$ GDP	0.0	61 ○	
3.1.4 E-participation*	78.6	50		6.1.4 Scientific and technical articles/bn PPP\$ GDP	38.0	21 ●	
3.2 General infrastructure	22.5	94 ◇		6.1.5 Citable documents H-index	33.2	29	
3.2.1 Electricity output, GWh/mn pop.	4,961.0	44		6.2 Knowledge impact	36.3	37	
3.2.2 Logistics performance*	53.7	41		6.2.1 Labor productivity growth, %	-2.1	104 ○ ◇	
3.2.3 Gross capital formation, % GDP	11.9	121 ○ ◇		6.2.2 New businesses/th pop. 15–64	1.4	71	
3.3 Ecological sustainability	45.4	23		6.2.3 Software spending, % GDP	0.5	10 ●	
3.3.1 GDP/unit of energy use	13.8	35		6.2.4 ISO 9001 quality certificates/bn PPP\$ GDP	19.4	14 ●◆	
3.3.2 Environmental performance*	69.1	25		6.2.5 High-tech manufacturing, %	14.1	78 ◇	
3.3.3 ISO 14001 environmental certificates/bn PPP\$ GDP	4.7	21 ●		6.3 Knowledge diffusion	15.5	69	
Market sophistication	45.2	70		6.3.1 Intellectual property receipts, % total trade	0.1	57	
4.1 Credit	38.5	76		6.3.2 Production and export complexity	46.4	55	
4.1.1 Ease of getting credit*	45.0	101 ○ ◇		6.3.3 High-tech exports, % total trade	2.2	55	
4.1.2 Domestic credit to private sector, % GDP	79.2	38		6.3.4 ICT services exports, % total trade	1.5	69	
4.1.3 Microfinance gross loans, % GDP	n/a	n/a		6.4 Creative outputs	22.9	69 ◇	
4.2 Investment	21.7	104 ○		7.1 Intangible assets	21.1	96 ◇	
4.2.1 Ease of protecting minority investors*	70.0	36		7.1.1 Trademarks by origin/bn PPP\$ GDP	n/a	n/a	
4.2.2 Market capitalization, % GDP	22.7	56 ○		7.1.2 Global brand value, top 5,000, % GDP	4.9	68 ◇	
4.2.3 Venture capital investors, deals/bn PPP\$ GDP	0.0	48		7.1.3 Industrial designs by origin/bn PPP\$ GDP	2.8	38	
4.2.4 Venture capital recipients, deals/bn PPP\$ GDP	0.0	81 ○		7.1.4 ICTs and organizational model creation†	44.6	97 ○ ◇	
4.3 Trade, diversification, and market scale	75.4	42		7.2 Creative goods and services	21.8	45	
4.3.1 Applied tariff rate, weighted avg., %	1.8	25		7.2.1 Cultural and creative services exports, % total trade	0.7	38	
4.3.2 Domestic industry diversification	87.0	63		7.2.2 National feature films/mn pop. 15–69	11.5	14 ●	
4.3.3 Domestic market scale, bn PPP\$	310.7	53		7.2.3 Entertainment and media market/th pop. 15–69	24.2	27	

NOTES: ● indicates a strength; ○ a weakness; ◆ an income group strength; ◇ an income group weakness; * an index; † a survey question. ○ indicates that the economy's data are older than the base year; see appendices for details, including the year of the data, at <http://globalinnovationindex.org>. Square brackets [] indicate that the data minimum coverage (DMC) requirements were not met at the sub-pillar or pillar level.