

UNITED KINGDOM (THE)

GII 2019 rank

5

Output rank	Input rank	Income	Region	Population (mn)	GDP, PPP\$	GDP per capita, PPP\$	GII 2018 rank
4	6	High	EUR	66.6	3,033.7	45,704.6	4
INSTITUTIONS 87.1 14				BUSINESS SOPHISTICATION 54.3 16			
1.1	Political environment	80.2	23		5.1	Knowledge workers	67.5 12
1.1.1	Political and operational stability*	78.9	42 ○ ◇		5.1.1	Knowledge-intensive employment, %	48.6 7
1.1.2	Government effectiveness*	80.8	18		5.1.2	Firms offering formal training, % firms	n/a n/a
1.2	Regulatory environment	93.7	11		5.1.3	GERD performed by business, % GDP	1.1 18
1.2.1	Regulatory quality*	88.0	12		5.1.4	GERD financed by business, %	51.8 25
1.2.2	Rule of law*	90.8	14		5.1.5	Females employed w/advanced degrees, %	22.8 16
1.2.3	Cost of redundancy dismissal, salary weeks	9.3	25		5.2	Innovation linkages	50.1 13
1.3	Business environment	87.4	13		5.2.1	University/industry research collaboration*	72.7 7
1.3.1	Ease of starting a business*	94.6	17		5.2.2	State of cluster development*	69.8 9
1.3.2	Ease of resolving insolvency*	80.3	13		5.2.3	GERD financed by abroad, %	15.6 26
					5.2.4	JV-strategic alliance deals/bn PPP\$ GDP	0.1 12
					5.2.5	Patent families 2+ offices/bn PPP\$ GDP	2.3 17
HUMAN CAPITAL & RESEARCH 59.3 9				KNOWLEDGE & TECHNOLOGY OUTPUTS ...56.6 8			
2.1	Education	57.7	34		6.1	Knowledge creation	66.9 5 ●
2.1.1	Expenditure on education, % GDP	5.5	26		6.1.1	Patents by origin/bn PPP\$ GDP	6.4 16
2.1.2	Government funding/pupil, secondary, % GDP/cap	19.0	55 ○		6.1.2	PCT patents by origin/bn PPP\$ GDP	1.9 19
2.1.3	School life expectancy, years	19.0	6 ●		6.1.3	Utility models by origin/bn PPP\$ GDP	n/a n/a
2.1.4	PISA scales in reading, maths, & science	499.9	21		6.1.4	Scientific & technical articles/bn PPP\$ GDP	23.8 16
2.1.5	Pupil-teacher ratio, secondary	19.4	87 ○ ◇		6.1.5	Citable documents H-index	100.0 1 ● ◆
2.2	Tertiary education	52.4	11		6.2	Knowledge impact	55.2 7
2.2.1	Tertiary enrolment, % gross	59.4	47 ○		6.2.1	Growth rate of PPP\$ GDP/worker, %	0.5 75 ○
2.2.2	Graduates in science & engineering, %	26.3	25		6.2.2	New businesses/th pop. 15-64	15.7 6 ◆
2.2.3	Tertiary inbound mobility, %	18.1	6 ◆		6.2.3	Computer software spending, % GDP	0.7 4 ●
2.3	Research & development (R&D)	67.8	9		6.2.4	ISO 9001 quality certificates/bn PPP\$ GDP	12.8 26
2.3.1	Researchers, FTE/mn pop	4,377.0	19		6.2.5	High- & medium-high-tech manufactures, %	0.4 21
2.3.2	Gross expenditure on R&D, % GDP	1.7	22		6.3	Knowledge diffusion	47.7 12
2.3.3	Global R&D companies, avg. exp. top 3, mn US\$	86.8	8		6.3.1	Intellectual property receipts, % total trade	2.6 8
2.3.4	QS university ranking, average score top 3*	95.2	2 ● ◆		6.3.2	High-tech net exports, % total trade	9.0 18
					6.3.3	ICT services exports, % total trade	3.2 28
					6.3.4	FDI net outflows, % GDP	1.8 31
INFRASTRUCTURE 64.4 8				CREATIVE OUTPUTS52.2 6 ●			
3.1	Information & communication technologies (ICTs)	93.0	3 ● ◆		7.1	Intangible assets	58.3 12
3.1.1	ICT access*	92.9	3 ● ◆		7.1.1	Trademarks by origin/bn PPP\$ GDP	56.2 40 ○
3.1.2	ICT use*	82.7	9		7.1.2	Industrial designs by origin/bn PPP\$ GDP	7.9 16
3.1.3	Government's online service*	97.9	4 ●		7.1.3	ICTs & business model creation*	80.4 8
3.1.4	E-participation*	98.3	5		7.1.4	ICTs & organizational model creation*	79.1 6 ●
3.2	General infrastructure	39.3	44 ○ ◇		7.2	Creative goods & services	40.4 8
3.2.1	Electricity output, kWh/mn pop	5,041.5	44 ○		7.2.1	Cultural & creative services exports, % total trade	2.0 6 ● ◆
3.2.2	Logistics performance*	90.0	9		7.2.2	National feature films/mn pop. 15-69	6.3 35
3.2.3	Gross capital formation, % GDP	17.2	109 ○ ◇		7.2.3	Entertainment & Media market/th pop. 15-69	62.0 9
3.3	Ecological sustainability	61.0	5 ● ◆		7.2.4	Printing & other media, % manufacturing	2.0 19
3.3.1	GDP/unit of energy use	14.7	14		7.2.5	Creative goods exports, % total trade	2.9 20
3.3.2	Environmental performance*	79.9	6 ●		7.3	Online creativity	51.6 11
3.3.3	ISO 14001 environmental certificates/bn PPP\$ GDP	6.0	19		7.3.1	Generic top-level domains (TLDs)/th pop. 15-69	60.7 12
					7.3.2	Country-code TLDs/th pop. 15-69	73.1 7
					7.3.3	Wikipedia edits/mn pop. 15-69	69.3 13
					7.3.4	Mobile app creation/bn PPP\$ GDP	25.9 18
MARKET SOPHISTICATION 76.0 4 ● ◆							
4.1	Credit	70.4	10				
4.1.1	Ease of getting credit*	75.0	29				
4.1.2	Domestic credit to private sector, % GDP	136.2	14				
4.1.3	Microfinance gross loans, % GDP	n/a	n/a				
4.2	Investment	75.4	6 ● ◆				
4.2.1	Ease of protecting minority investors*	75.0	14				
4.2.2	Market capitalization, % GDP	n/a	n/a				
4.2.3	Venture capital deals/bn PPP\$ GDP	0.3	4 ● ◆				
4.3	Trade, competition, & market scale	82.0	5 ●				
4.3.1	Applied tariff rate, weighted avg., %	1.8	23 ○				
4.3.2	Intensity of local competition*	79.9	9				
4.3.3	Domestic market scale, bn PPP\$	3,033.7	9				

NOTES: ● indicates a strength; ○ a weakness; ◆ a strength relative to the other top 25-ranked GII economies; ◇ a weakness relative to the other top 25-ranked GII economies; * an index; † a survey question. ⊙ indicates that the economy's data are older than the base year; see Appendix II 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.