

UNITED STATES OF AMERICA

(THE)

GII 2019 rank

3

Output rank	Input rank	Income	Region	Population (mn)	GDP, PPP\$	GDP per capita, PPP\$	GII 2018 rank
6	3	High	NAC	326.8	20,513.0	62,605.6	6

		Score/Value	Rank
INSTITUTIONS		89.7	11
1.1	Political environment	84.2	16
1.1.1	Political and operational stability*	84.2	25
1.1.2	Government effectiveness*	84.2	14
1.2	Regulatory environment	93.9	9
1.2.1	Regulatory quality*	85.6	15
1.2.2	Rule of law*	89.9	15
1.2.3	Cost of redundancy dismissal, salary weeks	8.0	1 ●
1.3	Business environment	91.1	2 ● ◆
1.3.1	Ease of starting a business*	91.2	47
1.3.2	Ease of resolving insolvency*	90.9	3 ● ◆
HUMAN CAPITAL & RESEARCH		55.7	12
2.1	Education	54.5	45
2.1.1	Expenditure on education, % GDP	5.0	50
2.1.2	Government funding/pupil, secondary, % GDP/cap	22.5	39
2.1.3	School life expectancy, years	16.3	29
2.1.4	PISA scales in reading, maths, & science	487.6	29 ◇
2.1.5	Pupil-teacher ratio, secondary	14.7	67 ○ ◇
2.2	Tertiary education	34.6	53
2.2.1	Tertiary enrolment, % gross	88.8	8
2.2.2	Graduates in science & engineering, %	17.9	73 ○
2.2.3	Tertiary inbound mobility, %	5.0	40
2.3	Research & development (R&D)	77.9	3 ● ◆
2.3.1	Researchers, FTE/mn pop.	4,256.3	23
2.3.2	Gross expenditure on R&D, % GDP	2.8	9
2.3.3	Global R&D companies, avg. exp. top 3, mn US\$	100.0	1 ● ◆
2.3.4	QS university ranking, average score top 3*	99.0	1 ● ◆
INFRASTRUCTURE		59.2	23
3.1	Information & communication technologies (ICTs)	89.7	8
3.1.1	ICT access*	84.8	14
3.1.2	ICT use*	77.2	21
3.1.3	Government's online service*	98.6	2 ●
3.1.4	E-participation*	98.3	5
3.2	General infrastructure	49.4	19
3.2.1	Electricity output, kWh/mn pop.	13,000.9	9
3.2.2	Logistics performance*	85.2	14
3.2.3	Gross capital formation, % GDP	21.1	87 ○
3.3	Ecological sustainability	38.4	64 ◇
3.3.1	GDP/unit of energy use	8.1	74 ○
3.3.2	Environmental performance*	71.2	26
3.3.3	ISO 14001 environmental certificates/bn PPP\$ GDP	0.3	106 ○ ◇
MARKET SOPHISTICATION		87.0	1 ● ◆
4.1	Credit	94.6	1 ● ◆
4.1.1	Ease of getting credit*	95.0	3 ● ◆
4.1.2	Domestic credit to private sector, % GDP	192.2	3 ● ◆
4.1.3	Microfinance gross loans, % GDP	n/a	n/a
4.2	Investment	73.7	7 ◆
4.2.1	Ease of protecting minority investors*	64.7	47
4.2.2	Market capitalization, % GDP	150.3	5
4.2.3	Venture capital deals/bn PPP\$ GDP	0.4	1 ● ◆
4.3	Trade, competition, & market scale	92.7	1 ● ◆
4.3.1	Applied tariff rate, weighted avg., %	1.7	18
4.3.2	Intensity of local competition*	84.3	3 ● ◆
4.3.3	Domestic market scale, bn PPP\$	20,513.0	2 ● ◆

		Score/Value	Rank
BUSINESS SOPHISTICATION		62.7	7
5.1	Knowledge workers	76.4	4 ◆
5.1.1	Knowledge-intensive employment, %	47.3	11
5.1.2	Firms offering formal training, % firms	n/a	n/a
5.1.3	GERD performed by business, % GDP	2.0	8
5.1.4	GERD financed by business, %	63.6	9
5.1.5	Females employed w/advanced degrees, %	26.3	6 ◆
5.2	Innovation linkages	54.3	9
5.2.1	University/industry research collaboration*	80.9	1 ● ◆
5.2.2	State of cluster development*	79.5	1 ● ◆
5.2.3	GERD financed by abroad, %	6.2	58 ○
5.2.4	JV-strategic alliance deals/bn PPP\$ GDP	0.1	9
5.2.5	Patent families 2+ offices/bn PPP\$ GDP	3.3	15
5.3	Knowledge absorption	57.3	7
5.3.1	Intellectual property payments, % total trade	1.8	15
5.3.2	High-tech imports, % total trade	17.2	9 ◆
5.3.3	ICT services imports, % total trade	1.5	40
5.3.4	FDI net inflows, % GDP	2.4	72 ○
5.3.5	Research talent, % in business enterprise	71.0	5 ◆
KNOWLEDGE & TECHNOLOGY OUTPUTS		59.7	4 ◆
6.1	Knowledge creation	72.3	3 ● ◆
6.1.1	Patents by origin/bn PPP\$ GDP	15.1	6 ◆
6.1.2	PCT patents by origin/bn PPP\$ GDP	2.7	12
6.1.3	Utility models by origin/bn PPP\$ GDP	n/a	n/a
6.1.4	Scientific & technical articles/bn PPP\$ GDP	10.5	44 ◇
6.1.5	Citable documents H-index	100.0	1 ● ◆
6.2	Knowledge impact	60.4	2 ● ◆
6.2.1	Growth rate of PPP\$ GDP/worker, %	0.9	64 ○
6.2.2	New businesses/th pop. 15-64	n/a	n/a
6.2.3	Computer software spending, % GDP	1.1	1 ● ◆
6.2.4	ISO 9001 quality certificates/bn PPP\$ GDP	1.5	99 ○ ◇
6.2.5	High- & medium-high-tech manufactures, %	0.5	10
6.3	Knowledge diffusion	46.5	15
6.3.1	Intellectual property receipts, % total trade	5.0	1 ● ◆
6.3.2	High-tech net exports, % total trade	5.8	27
6.3.3	ICT services exports, % total trade	1.6	65
6.3.4	FDI net outflows, % GDP	1.8	33
CREATIVE OUTPUTS		45.5	15
7.1	Intangible assets	50.3	32
7.1.1	Trademarks by origin/bn PPP\$ GDP	22.0	85 ○ ◇
7.1.2	Industrial designs by origin/bn PPP\$ GDP	1.2	61
7.1.3	ICTs & business model creation*	81.0	6
7.1.4	ICTs & organizational model creation*	83.7	1 ● ◆
7.2	Creative goods & services	43.8	5 ◆
7.2.1	Cultural & creative services exports, % total trade	2.5	5 ◆
7.2.2	National feature films/mn pop. 15-69	2.9	58 ◇
7.2.3	Entertainment & Media market/th pop. 15-69	100.0	1 ● ◆
7.2.4	Printing & other media, % manufacturing	1.5	31
7.2.5	Creative goods exports, % total trade	3.3	17
7.3	Online creativity	37.5	19
7.3.1	Generic top-level domains (TLDs)/th pop. 15-69	100.0	1 ● ◆
7.3.2	Country-code TLDs/th pop. 15-69	2.4	62 ◇
7.3.3	Wikipedia edits/mn pop. 15-69	26.1	42 ◇
7.3.4	Mobile app creation/bn PPP\$ GDP	30.1	17

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.