

DOMINICAN REPUBLIC (THE)

GI I 2019 rank

87

Output rank	Input rank	Income	Region	Population (mn)	GDP, PPP\$	GDP per capita, PPP\$	GI I 2018 rank
88	90	Upper middle	LCN	10.9	188.3	18,424.6	87
				Score/Value	Rank		
INSTITUTIONS				54.3	94	◇	
1.1	Political environment		47.5	89			
1.1.1	Political and operational stability*.....		66.7	74			
1.1.2	Government effectiveness*.....		38.0	92			
1.2	Regulatory environment		54.9	98			
1.2.1	Regulatory quality*.....		39.8	74			
1.2.2	Rule of law*.....		35.3	91			
1.2.3	Cost of redundancy dismissal, salary weeks.....		26.2	103			
1.3	Business environment		60.5	103			
1.3.1	Ease of starting a business*.....		83.4	90			
1.3.2	Ease of resolving insolvency*.....		37.5	106	◇		
HUMAN CAPITAL & RESEARCH				18.0	101	◇	
2.1	Education		37.3	91			
2.1.1	Expenditure on education, % GDP.....		n/a	n/a			
2.1.2	Government funding/pupil, secondary, % GDP/cap... ..		19.1	54			
2.1.3	School life expectancy, years.....		14.2	69			
2.1.4	PISA scales in reading, maths, & science.....		339.0	70	○		
2.1.5	Pupil-teacher ratio, secondary.....		18.6	82			
2.2	Tertiary education		16.9	98	◇		
2.2.1	Tertiary enrolment, % gross.....		59.9	46	●		
2.2.2	Graduates in science & engineering, %.....		11.6	97	○ ◇		
2.2.3	Tertiary inbound mobility, %.....		1.7	79			
2.3	Research & development (R&D)		0.0	[120]			
2.3.1	Researchers, FTE/mn pop.....		n/a	n/a			
2.3.2	Gross expenditure on R&D, % GDP.....		n/a	n/a			
2.3.3	Global R&D companies, avg. exp. top 3, mn US\$.....		0.0	43	○ ◇		
2.3.4	QS university ranking, average score top 3*.....		0.0	78	○ ◇		
INFRASTRUCTURE				44.6	73		
3.1	Information & communication technologies (ICTs)		55.8	83			
3.1.1	ICT access*.....		46.1	96	◇		
3.1.2	ICT use*.....		43.0	82			
3.1.3	Government's online service*.....		66.0	79			
3.1.4	E-participation*.....		68.0	77			
3.2	General infrastructure		28.7	89			
3.2.1	Electricity output, kWh/mn pop.....		1,822.9	80			
3.2.2	Logistics performance*.....		28.0	84			
3.2.3	Gross capital formation, % GDP.....		24.3	52	●		
3.3	Ecological sustainability		49.4	32	● ◆		
3.3.1	GDP/unit of energy use.....		16.7	8	● ◆		
3.3.2	Environmental performance*.....		64.7	42	● ◆		
3.3.3	ISO 14001 environmental certificates/bn PPP\$ GDP..		0.1	118	○		
MARKET SOPHISTICATION				46.1	70		
4.1	Credit		19.2	119	○ ◇		
4.1.1	Ease of getting credit*.....		45.0	94	◇		
4.1.2	Domestic credit to private sector, % GDP.....		28.7	98			
4.1.3	Microfinance gross loans, % GDP.....		0.1	57			
4.2	Investment		56.7	[27]			
4.2.1	Ease of protecting minority investors*.....		56.7	79			
4.2.2	Market capitalization, % GDP.....		n/a	n/a			
4.2.3	Venture capital deals/bn PPP\$ GDP.....		n/a	n/a			
4.3	Trade, competition, & market scale		62.3	59			
4.3.1	Applied tariff rate, weighted avg., %.....		4.2	75			
4.3.2	Intensity of local competition*.....		70.3	56	●		
4.3.3	Domestic market scale, bn PPP\$.....		188.3	65			
BUSINESS SOPHISTICATION				26.3	[90]		
5.1	Knowledge workers		27.1	[89]			
5.1.1	Knowledge-intensive employment, %.....		16.0	88			
5.1.2	Firms offering formal training, % firms.....		23.4	68			
5.1.3	GERD performed by business, % GDP.....		n/a	n/a			
5.1.4	GERD financed by business, %.....		n/a	n/a			
5.1.5	Females employed w/advanced degrees, %.....		9.4	70			
5.2	Innovation linkages		25.2	[64]			
5.2.1	University/industry research collaboration*.....		31.8	101			
5.2.2	State of cluster development*.....		46.9	59			
5.2.3	GERD financed by abroad, %.....		n/a	n/a			
5.2.4	JV-strategic alliance deals/bn PPP\$ GDP.....		n/a	n/a			
5.2.5	Patent families 2+ offices/bn PPP\$ GDP.....		0.0	85			
5.3	Knowledge absorption		26.5	95			
5.3.1	Intellectual property payments, % total trade.....		0.5	62			
5.3.2	High-tech imports, % total trade.....		6.5	83			
5.3.3	ICT services imports, % total trade.....		0.5	107			
5.3.4	FDI net inflows, % GDP.....		3.8	44	●		
5.3.5	Research talent, % in business enterprise.....		n/a	n/a			
KNOWLEDGE & TECHNOLOGY OUTPUTS				15.6	95		
6.1	Knowledge creation		0.9	129	○ ◇		
6.1.1	Patents by origin/bn PPP\$ GDP.....		0.1	109			
6.1.2	PCT patents by origin/bn PPP\$ GDP.....		0.0	89			
6.1.3	Utility models by origin/bn PPP\$ GDP.....		0.1	59	○		
6.1.4	Scientific & technical articles/bn PPP\$ GDP.....		0.3	128	○ ◇		
6.1.5	Citable documents H-index.....		2.0	118	○		
6.2	Knowledge impact		31.8	87			
6.2.1	Growth rate of PPP\$ GDP/worker, %.....		2.5	31	●		
6.2.2	New businesses/th pop. 15-64.....		1.5	61			
6.2.3	Computer software spending, % GDP.....		0.0	118	○ ◇		
6.2.4	ISO 9001 quality certificates/bn PPP\$ GDP.....		1.0	106			
6.2.5	High- & medium-high-tech manufactures, %.....		n/a	n/a			
6.3	Knowledge diffusion		14.1	81			
6.3.1	Intellectual property receipts, % total trade.....		n/a	n/a			
6.3.2	High-tech net exports, % total trade.....		2.2	52	●		
6.3.3	ICT services exports, % total trade.....		0.7	87			
6.3.4	FDI net outflows, % GDP.....		0.1	101			
CREATIVE OUTPUTS				22.9	81		
7.1	Intangible assets		36.4	88			
7.1.1	Trademarks by origin/bn PPP\$ GDP.....		46.8	53	●		
7.1.2	Industrial designs by origin/bn PPP\$ GDP.....		0.2	101			
7.1.3	ICTs & business model creation*.....		59.3	68			
7.1.4	ICTs & organizational model creation*.....		48.9	84			
7.2	Creative goods & services		16.9	[63]			
7.2.1	Cultural & creative services exports, % total trade.....		0.2	74			
7.2.2	National feature films/mn pop. 15-69.....		3.5	52			
7.2.3	Entertainment & Media market/th pop. 15-69.....		n/a	n/a			
7.2.4	Printing & other media, % manufacturing.....		n/a	n/a			
7.2.5	Creative goods exports, % total trade.....		2.2	25	●		
7.3	Online creativity		1.9	86			
7.3.1	Generic top-level domains (TLDs)/th pop. 15-69.....		2.5	71			
7.3.2	Country-code TLDs/th pop. 15-69.....		1.1	78			
7.3.3	Wikipedia edits/mn pop. 15-69.....		5.7	78			
7.3.4	Mobile app creation/bn PPP\$ GDP.....		0.0	92	○		

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 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.