Montenegro

Key ir	ndicators			4.2	Investment	55.4	21	
Population (millions)				4.2.1	Ease of protecting minority investors*		41	
GDP (US\$ billions)				4.2.2	Market capitalization, % GDP [®]	92.6	10	
GDP per capita, PPP\$				4.2.3	Venture capital deals/bn PPP\$ GDP		n/a	
	group			4.2	To de conservicios O servicio servicio	41.4	110	_
	угоир			4.3	Trade, competition, & market scale		119	0
negion			Luiope	4.3.1			60	_
		Score 0-100		4.3.2	Intensity of local competition [†]			
		e (hard data)	Rank	4.3.3	Domestic market scale, bn PPP\$	10.6	126	0
Globa	I Innovation Index (out of 127)		48	_				
	on Output Sub-Index		52	5	Business sophistication		58	
Innovation Input Sub-Index		46.8	50	5.1	Knowledge workers		62	
Innovation Efficiency Ratio			62	5.1.1	Knowledge-intensive employment, %		32	
Global Innovation Index 2016 (out of 128)			51	5.1.2	Firms offering formal training, % firms	23.7	67	
0.000			٥.	5.1.3	GERD performed by business, % of GDP [®]	0.1	57	
1	Institutions	68.4	48	5.1.4	GERD financed by business, %		53	
1.1	Political environment		54	5.1.5	Females employed w/advanced degrees, % total	n/a	n/a	
1.1.1	Political stability & safety*		54	5.2	Innovation linkages	29.6	57	
1.1.2	Government effectiveness*		61	5.2.1	University/industry research collaboration [†]		88	
1.1.2				5.2.2	State of cluster development [†]		103	0
1.2	Regulatory environment		47	5.2.3	GERD financed by abroad, % ^a		20	
1.2.1	Regulatory quality*	47.9	63	5.2.4	JV-strategic alliance deals/bn PPP\$ GDP		n/a	
1.2.2	Rule of law*		59	5.2.5	Patent families 2+ offices/bn PPP\$ GDP ⁴		48	
1.2.3	Cost of redundancy dismissal, salary weeks	11.2	39	3.2.3			40	
1.3	Business environment	70.6	34	5.3	Knowledge absorption	35.3	53	
1.3.1	Ease of starting a business*		49	5.3.1	Intellectual property payments, % total trade	0.2	86	0
1.3.1	Ease of resolving insolvency*		37	5.3.2	High-tech imports less re-imports, % total trade		90	
1.3.3	Ease of paying taxes*		48	5.3.3	ICT services imports, % total trade		15	
1.5.5	Lase of paying taxes	00.4	40	5.3.4	FDI net inflows, % GDP	12.8	7	
2	Human capital & research	26.2	[40]	5.3.5	Research talent, % in business enterprise	19.0	57	
	Education							
2.1	Expenditure on education, % GDP		[39]	6	Knowledge & technology outputs	22.5	57	
2.1.1			n/a	6.1	Knowledge creation	11.2	60	
2.1.2	Gov't expenditure/pupil, secondary, % GDP/cap			6.1.1	Patents by origin/bn PPP\$ GDP	2.3	42	
2.1.3	School life expectancy, years.		44	6.1.2	PCT patent applications/bn PPP\$ GDP	0.2	51	
2.1.4	PISA scales in reading, maths, & science		52 C	6.1.3	Utility models by origin/bn PPP\$ GDP		n/a	
2.1.5	Pupil-teacher ratio, secondary	n/a	n/a	6.1.4	Scientific & technical articles/bn PPP\$ GDP		36	
2.2	Tertiary education	48.2	[25]	6.1.5	Citable documents H index	0.3	125	0
2.2.1	Tertiary enrolment, % gross@	55.3	48		W. I.I.	261	4.5	
2.2.2	Graduates in science & engineering, %	n/a	n/a	6.2	Knowledge impact		45	
2.2.3	Tertiary inbound mobility, %	n/a	n/a	6.2.1	Growth rate of PPP\$ GDP/worker, %		73	
2.2	December 9 december 200 (D9 D)	1.0	77	6.2.2	New businesses/th pop. 15–64		17	
2.3	Research & development (R&D)		77	6.2.3	Computer software spending, % GDP		22	
2.3.1	Researchers, FTE/mn pop		53	6.2.4	ISO 9001 quality certificates/bn PPP\$ GDP		41	
2.3.2	Gross expenditure on R&D, % GDP		72	6.2.5	High- & medium-high-tech manufactures, %	n/a	n/a	
2.3.3	Global R&D companies, avg. expend. top 3, mn \$US		43 C	63	Knowledge diffusion	20.1	78	
2.3.4	QS university ranking, average score top 3*	0.0	75 C	6.3.1	Intellectual property receipts, % total trade	0.0	74	
2	In five atmosphere	40.5	54	6.3.2	High-tech exports less re-exports, % total trade	0.6	77	
3	Infrastructure			6.3.3	ICT services exports, % total trade		26	
3.1	Information & communication technologies (ICTs)		43	6.3.4	FDI net outflows, % GDP		72	
3.1.1	ICT access*		55					
3.1.2	ICT use*		60	7	Creative outputs	36.1	48	
3.1.3	Government's online service*		47	7.1	Intangible assets	41.7	65	
3.1.4	E-participation*	83.1	17 •	7.1.1	Trademarks by origin/bn PPP\$ GDP		n/a	
3.2	General infrastructure	35.0	74	7.1.2	Industrial designs by origin/bn PPP\$ GDP		68	
3.2.1	Electricity output, kWh/cap	5,119.4	39	7.1.3	ICTs & business model creation [†]		79	
3.2.2	Logistics performance*	14.7	114 C		ICTs & organizational model creation [†]		90	0
3.2.3	Gross capital formation, % GDP	27.1	30		y .			
2.2				7.2	Creative goods & services		70	
3.3	Ecological sustainability		55	7.2.1	Cultural & creative services exports, % of total trade		57	
3.3.1	GDP/unit of energy use		58	7.2.2	National feature films/mn pop. 15–69		10	
3.3.2	Environmental performance*		46	7.2.3	Global ent. & media market/th pop. 15–69		n/a	
3.3.3	ISO 14001 environmental certificates/bn PPP\$ GDP	1.7	52	7.2.4	Printing & publishing manufactures, %		n/a	
4	Market conhistingtion	45.0	65	7.2.5	Creative goods exports, % total trade	0.2	75	
4	Market sophistication		65	7.3	Online creativity	44.6	22	•
4.1	Credit		47	731	Generic top-level domains (TLDs)/th pop. 15–69		89	
4.1.1	Ease of getting credit*		7	7.3.2	Country-code TLDs/th pop. 15–69			•
4.1.2	Domestic credit to private sector, % GDP		69	7.3.3	Wikipedia edits/mn pop. 15–69 ⁴		51	
4.1.3	Microfinance gross loans, % GDP	1.0	26	7.3.4	Video uploads on YouTube/pop. 15-69		53	

NOTES: • indicates a strength; O a weakness; * an index; † a survey question.

① indicates that the country'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; see page 181 of this appendix for details.