

Out	put rank	Input rank	Income	Region		Population (mn) (SDP, PPP\$	GDP per capita, PPPS	P\$ GII 2018 rank	
	34	36	High	EUR			1.9		57.3	29,901.3	34	
			Sco	re/Value	Rank					Ş	core/Value	Rank
	INSTITU	JTIONS		. 77.2	32			BUSIN	ESS SOPHIS	STICATION	37.4	41
	Delitical			72.5	36		5.1	Knowle	dae workers		44.0	46
1			tability*		35		5.1.1		-	employment, %		23
2			S*		34		5.1.2			raining, % firms		64
-	Ooveniiii	ient enceuvenes	J	00.5	5-		5.1.3			usiness, % GDP		56
	Regulato	rv environment		82.2	26		5.1.4		,	siness, %		65
ı	-	•			28		5.1.5			advanced degrees, %		13
2	_				32							
3			issal, salary weeks		42		5.2	Innovat	ion linkages		32.0	44
		-	•				5.2.1	Universi	ty/industry res	earch collaboration†	38.3	78
	Business	environment		76.9	39		5.2.2	State of	cluster develo	pment+	46.0	70
1	Ease of s	tarting a busines	s*	94.1	21		5.2.3	GERD fi	nanced by abr	oad, %	27.8	12 (
2	Ease of r	esolving insolver	ncy*	59.6	49		5.2.4	JV-strate	egic alliance d	eals/bn PPP\$ GDP	0.0	65
							5.2.5	Patent fa	amilies 2+ offic	ces/bn PPP\$ GDP	0.4	36
3	HUMAN	I CAPITAL & R	RESEARCH	36.9	44		5.3	Knowle	dge absorptio	n	35.5	54
							5.3.1	Intellect	ual property p	ayments, % total trade	0.2	84
	Educatio	n		59.0	29		5.3.2	High-ted	ch imports, % t	otal trade	11.9	19
	Expendit	ure on educatior	1, % GDP	5.3	31		5.3.3			% total trade		33
)			il, secondary, % GDP/cap		25		5.3.4	FDI net	inflows, % GDF	·	2.6	68
3			ears		32		5.3.5	Researc	h talent, % in b	ousiness enterprise	18.6	58
1		-	aths, & science		30							
5	Pupil-tead	cher ratio, secon	dary. 🖰	8.1	10	• •						
	_						M	KNOW	LEDGE & TE	CHNOLOGY OUTPUT	S27.5	45
					38							
1	,		SS		9	•	6.1		-			61
2			ngineering, %		60		6.1.1			PP\$ GDP		45
3	Tertiary ir	nbound mobility,	%	7.7	30		6.1.2		, ,	/bn PPP\$ GDP		34
	_						6.1.3			n/bn PPP\$ GDP		n/a
4			t (R&D)		53	\Diamond	6.1.4			articles/bn PPP\$ GDP		47
1)		43		6.1.5	Citable	aocuments H-	index	8.4	77
2			D, % GDP		62	~ ^					44.0	40
3			vg. exp. top 3, mn US\$			0 \$	6.2			CDD/worker 9/		42
4	QS unive	rsity ranking, ave	erage score top 3*	13.1	60		6.2.1			SDP/worker, %		20
							6.2.2			p. 15-64 ending, % GDP		20
ري		TOUGTUDE				^	6.2.3					86
<u> </u>	INFRAS	TRUCTURE		. 50.5		♦	6.2.4 6.2.5			icates/bn PPP\$ GDP tech manufactures, %		19 80
			ation technologies(ICTs	•	56	\Diamond						
1					46		6.3					35
2					28		6.3.1			eceipts, % total trade		69
3			ice*		75	\Diamond	6.3.2	-		, % total trade		22
1	E-particip	ation*		68.5	73	\Diamond	6.3.3			% total trade		21
	General	infrastructure		31.1	82	0 0	6.3.4	FDI net	outflows, % GL	DP	1.0	52
.1	Electricity	output, kWh/mr	1 pop	3,882.0	52	J V						
2					69	\Diamond	*****	CREAT	IVE OUTPU	TS	42.8	22
3	GIOSS Ca	pitai ioiifiatiofi, %	0 UT	23.3	63		7.1	Intendib	le assets		48.0	44
	Fcologie	al sustainability		49 1	33		7.1.1			on PPP\$ GDP		27
1	-				53		7.1.1 7.1.2			origin/bn PPP\$ GDP		27 35
2			ce*		35		7.1.2			el creation†		46
3			certificates/bn PPP\$ GDF		15	•	7.1.3			model creation+		37
							70	Crockin	anndo o ac-	vices	40.0	
ŧ.	MADKE	T SOBUISTIC	ATION	E4.4	40		7.2 7.2.1		-	vicesvices exports, % total trade		3 (
_	WARKE	T SOPHISTIC!	ATION	54.4	40		7.2.1			mn pop. 15-69		7
	Credit			563	23		7.2.2			a market/th pop. 15-69		
					11	•	7.2.3			a, % manufacturing		8
			sector, % GDP		54		7.2.5			ts, % total trade		18
			% GDP		n/a						5.1	
							7.3		-			27
					49		7.3.1			nains (TLDs)/th pop. 15-69		41
1			ty investors*		48		7.3.2	Country	-code TLDs/th	pop. 15-69	25.6	24
2			DP		n/a		7.3.3			р. 15-69 Ф		7
3	Venture o	capital deals/bn f	PPP\$ GDP	0.1	27		7.3.4	Mobile a	app creation/b	n PPP\$ GDP	10.9	41
	Trade, co	ompetition, & ma	arket scale	60.4	66							
1			ed avg., %		23							
2			ion†		33							
3	D = == = = +i =	market scale by	n PPP\$	573	94	0 \$						