Thailand

GII 2021 rank



6	47	Upper middle	SEAG			-				
	46 47 Upper middle		JEA	0	69.8		1,261.5	18,073	44	
			Score/ Value		Rank				Score/ Value	Rank
nstitut	ions			4.2	64	÷	Business sophist	ication	34.7	36
I.1 Political environment			6	61.7	54	5.1	Knowledge workers		37.3	51
1.1 Political and operational stability*			67.9	71		o		13.8	98	
1.2 Government effectiveness* 2 Regulatory environment			58.6 16.2	52	E 1 0	Firms offering formal training, % @ GERD performed by business, % GDP @		18.0 0.8	84 (27	
.1 Regulatory quality*				63	5.1.4				1	
2.2 Rule of law*				57		, ,	advanced degrees, %		70	
2.3 Cost of redundancy dismissal					5.2.1				67 30	
Business environment B.1 Ease of starting a business*				20 43	5.2.2	State of cluster development and depth $^{\!\dagger}$			41	
3.2 Ease of resolving insolvency*		7	76.8	22	•				83 56	
						•		0.0	60	
Human capital and research			3	1.7	63		• •		46.4	18
Education 1 Expenditure on education, % GDP					86				1.7 14 2	18 14
						0 1 /			116	
 Government funding/pupil, secondary, % GDP/ca School life expectancy, years 				45		,		1.8	85	
PISA scales in reading, maths and science Pupil-teacher ratio, secondary				61		Research talent, % in t	ousinesses	60.8	10	
•		condary					Knowledge and	technology outputs	29.7	40
		gross			64		-	connoiogy outputs		
		o			25		-			47 75
									0.0	57
Research and development (R&D) Researchers, FTE/mn pop.								2.4	9	
Gross expenditure on R&D, % GDP		© 1,00	1.0	39					93 39	
3 Global corporate R&D investors, top 3, mn US\$ 4 OS university ranking top 3*			0.0		\diamond				44	
.3.4 QS university ranking, top 5		top 3	2	55.4	37	6.2.1	Labor productivity gro		-0.1	66
☆ [✿] Infrastructure		4	3.0	61			•		80 55	
				60				6.8	39	
					81		-	-	45.1	17
CT use*					63					33 69
		ervice*							70.9	22
		e					U 1 7		13.4	11
.1 Electricity output, GWh/mn pop.		2,73	38.5	69	0.3.4	ICT services exports, 9	% iotal trade	0.2	118	
 Logistics performance* Gross capital formation, % GDP 					• @!	Creative outputs		27.3	55	
					68					
GDP/unit	of energy use	9		9.2	78			on PPP\$ GDP	30.2 24.2	68 85
	•				70 35	7.1.2	Global brand value, top	o 5,000, % GDP	62.5	31
50 1400	- crivitorinent		ויש	∠.+	55		• •	•		41 43
Market sophistication		5	5.6	27		0		37.1	15	
						7.2.1	Cultural and creative se	rvices exports, % total trade	n/a	n/a
	etting credit*				24 • 44	1.2.2			1.5 10.7	74 35
Domestic	credit to priv		14	13.4	10 • •	•			0.8	71
	-	ins, % GDP						s, % total trade	6.9	8
Investment Ease of protecting minority investors* Market capitalization, % GDP					•	-		11.9	84	
				11 •	7.0.1				52 102	
.3 Venture capital investors, deals/bn PPP\$ GDP			0.0	66 85 o	7.3.3	Wikipedia edits/mn po	p. 15–69	39.3	86	
							Mobile app creation/br	n PPP\$ GDP	3.9	61
-						•				
Domestic	industry dive	ersification	9	97.0	16 \bullet					
	egulato egulato egulato egulato egulato egulato egulato egulato egulato egulato egulato egulato egulato egulato egulato egulato egulato egulato egulato egulato egulato egulato egulato egulato egulato egulato egulato egulato egulato egulato egulato egulato egulato egulato egulato egulato egulato egulato egulato egulato egulato egulato egulato egulato egulato egulato egulato egulato egulato egulato egulato egulato egulato egulato egulato egulato egulato egulato egulato egulato egulato egulato egulato egulato egulato egulato egulato egulato egulato egulato egulato egulato egulato egulato egulato egulato egulato egulato egulato egulato egulato egulato egulato egulato egulato egulato egulato egulato egulato egulato egulato egulato egulato egulato egulato egulato egulato egulato egulato egulato egulato egulato egulato egulato egulato egulato egulato egulato egulato egulato egulato egulato egulato egulato egulato egulato egulato egulato egulato egulato egulato egulato egulato egulato egulato 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iovernment funding/pu- chool life expectancy upil-teacher ratio, sec ertiary education ertiary encolment, % g- iraduates in science a ertiary inbound mobil desearch and develo essearchers, FTE/mn formation and comme C1 access* C1 use* iovernment's online s -participation* deneral infrastructure formation and comme C1 access* C1 use* iovernment's online s -participation* deneral infrastructure errises capital formation DP/unit of energy use nvironmental perform S0 14001 environment darket sophistic cological sustainab DP/unit of energy use nvironmental perform S0 14001 environment darket capitalization, % enture capital investio enture capital recipien rade, diversification pplied tariff rate, weig iomestic industry dive	egulatory environment legulatory quality* tule of law* cost of redundancy dismissal cusiness environment ase of starting a business* ase of resolving insolvency* duman capital and research ducation xpenditure on education, % GDP covernment funding/pupil, secondary, % GDP/c chool life expectancy, years ISA scales in reading, maths and science upil-teacher ratio, secondary ertiary education ertiary enrolment, % gross iraduates in science and engineering, % ertiary inbound mobility, % tesearch and development (R&D) esearchers, FTE/mn pop. irross expenditure on R&D, % GDP ibobal corporate R&D investors, top 3, mn USS is university ranking, top 3* Infrastructure formation and communication technologies (CT access* CT use* isovernment's online service* -participation* teneral infrastructure lectricity output, GWh/mn pop. ogistics performance* irross capital formation, % GDP cological sustainability iDP/unit of energy use nvironmental performance* SO 14001 environmental certificates/bn PPP\$ Gil Market sophistication isoes of getting credit* toomestic credit to private sector, % GDP incofinance gross loans, % GDP investment ase of protecting minority investors* farket capitalization, % GDP enture capital investors, deals/bn PPP\$ GDP	legulatory quality* 4 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Informanced ty business, % 90.9 usiness environment 84.6 20 52.1 Investrial-informance data straines, % 90.0 sale of staining a business' 75.2 52.2 University-industry RAD collaboration in Kages 60.0 usiness environment 84.6 20.4 52.4 Invertwerfstratigo latiticate deals/thm PPPS GDP 0 0.0 turnan capital and research 91.7 63.2 Knowledge absorption 64.4 Stass and in reading, maths and science 11.4 45.3 11 12.4 53.5 Research and development (RAD) 17.4 47.4 53.4 57.6 52.4 50.4 53.5 Research and development (RAD) 17.4 47.4 53.5 7.6 Knowledge inpact 52.1 12.9 13.3 13.4</td></tr<>	equilatory environment46.311251.3eguilatory quality*46.56351.4ule of law*49.45751.5so sot of redundancy dismissal36.012452usiness environment84.62052.1ase of starting a business*92.443ase of resolving insolvency*76.82252.3tuman capital and research31.763ducation42.486xpenditure on education, % GDP04.16453.25.3.5chool life expectancy, years015.44553.453.4SA scales in reading, maths and science412.461searcher, stin 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NOTES: \bullet indicates a strength; \bigcirc a weakness; \bullet an income group strength; \diamond an income group weakness; * an index; † a survey question. \odot indicates that the economy's data are older than the base year; see appendices 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.