

The Global Innovation Index (GII) ranks world economies according to their innovation capabilities.

Consisting of **roughly 80 indicators**, grouped into innovation inputs and outputs, the GII **aims to capture the multi-dimensional facets of innovation**.

Thailand ranking in the Global Innovation Index 2023

> Thailand ranks 43rd among the 132 economies featured in the GII 2023.



Thailand ranks 5th among the 33 uppermiddle-income group economies.



> Thailand ranks 9th among the 16 economies in South East Asia, East Asia, and Oceania.



> Thailand GII Ranking (2020-2023)

The table shows the rankings of Thailand over the past four years. Data availability and changes to the GII model framework influence year-on-year comparisons of the GII rankings. The statistical confidence interval for the ranking of Thailand in the GII 2023 is between ranks 41 and 45.

	GII Position	Innovation Inputs	Innovation Outputs
2020	44th	48th	44th
2021	43rd	47th	46th
2022	43rd	48th	44th
2023	43rd	44th	43rd

Thailand performs better in innovation outputs than innovation inputs in 2023.

This year Thailand ranks 44th in innovation inputs. This position is higher than last year.

Thailand ranks 43rd in innovation outputs.
This position is higher than last year.



→ Expected vs. observed innovation performance

The bubble chart below shows the relationship between income levels (GDP per capita) and innovation performance (GII score). The trend line gives an indication of the expected innovation performance according to income level. Economies appearing above the trend line are performing better than expected and those below are performing below expectations.



> Relative to GDP, Thailand is performing above expectations for its level of development.

> Innovation overperformers relative to their economic development ↑ GII Score Innovation leader Performing above expectations for level of development Performing at expectations for level of development Performing below expectations for level of 30 development Size legend (Population) 0 0.8 0.9 1 →GDP per capita, PPP logarithmic scale (thousands of \$)

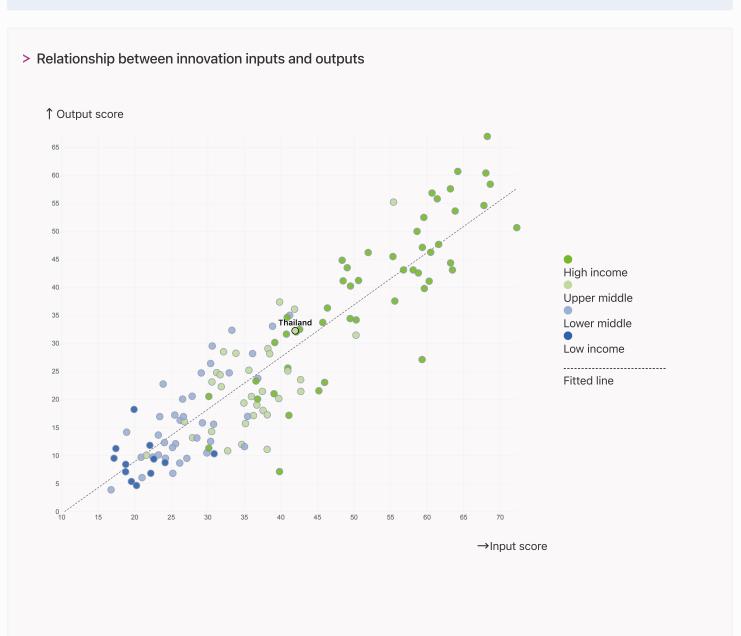


→ Effectively translating innovation investments into innovation outputs

The chart below shows the relationship between innovation inputs and innovation outputs. Economies above the line are effectively translating costly innovation investments into more and higher-quality outputs.



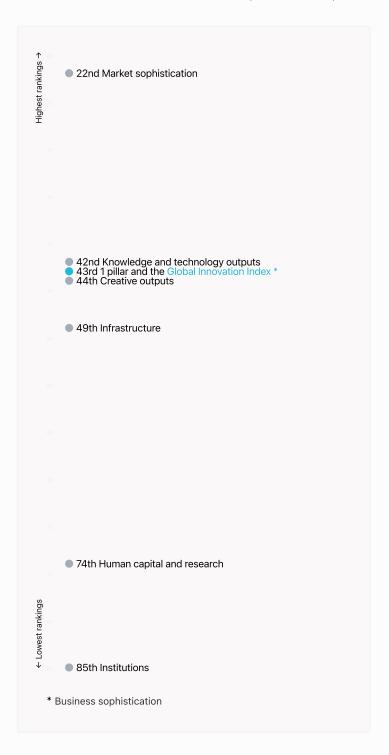
> Thailand produces more innovation outputs relative to its level of innovation investments.





→ Overview of Thailand's rankings in the seven areas of the GII in 2023

The chart shows the ranking for each of the seven areas that the GII comprises. The strongest areas for Thailand are those that rank above the GII (shown in blue) and the weakest are those that rank below.



> Highest rankings



Thailand ranks highest in Market sophistication (22nd), Knowledge and technology outputs (42nd) and Business sophistication (43rd).

> Lowest rankings



Thailand ranks lowest in Institutions (85th), Human capital and research (74th) and Infrastructure (49th).

The full WIPO Intellectual Property

Statistics profile for Thailand can be found on this link.



→ Benchmark of Thailand against other country groupings for each of the seven areas of the GII Index

The charts shows the relative position of Thailand (blue bar) against other country groupings (grey bars), for each of the seven areas of the GII Index.

> Upper-Middle-Income economies

Thailand performs above the upper-middle-income group average in Knowledge and technology outputs, Creative outputs, Business sophistication, Market sophistication, Infrastructure.

> South East Asia, East Asia, And Oceania

Thailand performs below the regional average in Knowledge and technology outputs, Creative outputs, Business sophistication, Human capital and research, Institutions.

Knowledge and technology
outputs

Top 10 | Score: 58.96

SEAO | Score: 32.16

Thailand | Score: 31.32

Upper middle income | Score: 22.36

* South East Asia, East Asia, and Oceania

Creative outputs

Top 10 | 56.09

SEAO | 34.40

Thailand | 33.13

Upper middle income | 23.16

Business sophistication

Top 10 | 64.39

SEAO | 40.54

Thailand | 35.85

Upper middle income | 29.27

Market sophistication

Top 10 | 61.93

Thailand | 52.71

SEAO | 47.18

Upper middle income | 35.45

Human capital and research

Top 10 | 60.28

SEAO | 40.81

Upper middle income | 29.68

Thailand | 29.21

Infrastructure

Top 10 | 62.83

Thailand | 47.43

SEAO | 47.13

Upper middle income | 40.40

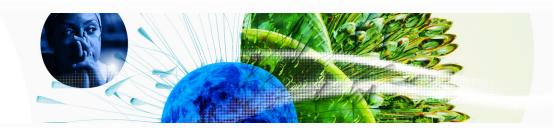
Institutions

Top 10 | 79.85

SEAO | 62.54

Upper middle income | 47.71

Thailand | 44.72



→ Innovation strengths and weaknesses in Thailand

The table below gives an overview of the indicator strengths and weaknesses of Thailand in the GII 2023.



> Thailand's main innovation strengths are **Creative goods exports**, % **total trade** (rank 1), **GERD financed by business**, % (rank 1) and **Utility models by origin/bn PPP\$ GDP** (rank 6).

Strengths Weaknesses

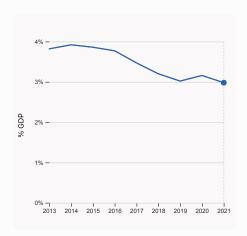
Rank	Code	Indicator name	Rank	Code	Indicator name
1	7.2.4	Creative goods exports, % total trade	128	6.3.4	ICT services exports, % total trade
1	5.1.4	GERD financed by business, %	124	1.2.3	Cost of redundancy dismissal
6	6.1.3	Utility models by origin/bn PPP\$ GDP	116	5.3.3	ICT services imports, % total trade
8	6.3.3	High-tech exports, % total trade	107	2.1.1	Expenditure on education, % GDP
10	4.1.2	Domestic credit to private sector, % GDP	104	2.1.5	Pupil-teacher ratio, secondary
10	5.3.2	High-tech imports, % total trade	96	7.2.1	Cultural and creative services exports, % total trade
12	5.3.5	Research talent, % in businesses			
		· ·	85	5.1.2	Firms offering formal training, %
15	4.3.2	Domestic industry diversification	79	5.2.3	GERD financed by abroad, % GDP
		Intellectual property payments, % total	, •	5.2.0	22.12
16	5.3.1	trade	72	7.2.2	National feature films/mn pop. 15-69
18	3.1.4	E-participation	40	2.3.3	Global corporate R&D investors, top 3, mn US\$

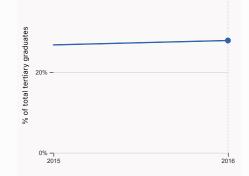


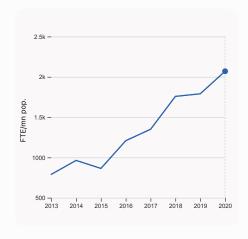
→ Thailand's innovation system

As far as practicable, the plots below present unscaled indicator data.

> Innovation inputs in Thailand

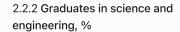






2.1.1 Expenditure on education, % GDP

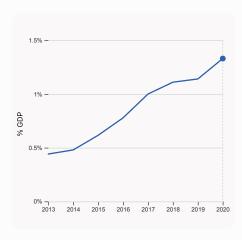
was equal to 2.98% GDP in 2021, down by 0.18 percentage points from the year prior – and equivalent to an indicator rank of 107.

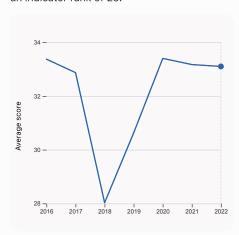


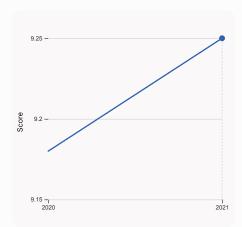
was equal to 27.86% of total tertiary graduates in 2016, up by 1.09 percentage points from the year prior – and equivalent to an indicator rank of 29.



was equal to 2,069.91 FTE/mn pop. in 2020, up by 15.63% from the year prior – and equivalent to an indicator rank of 40.







2.3.2 Gross expenditure on R&D, % GDP

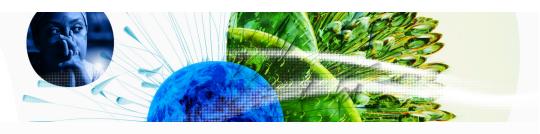
was equal to 1.33% GDP in 2020, up by 0.19 percentage points from the year prior – and equivalent to an indicator rank of 32.

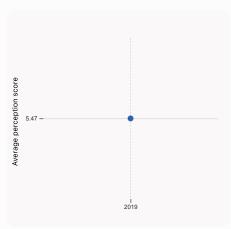
2.3.4 QS university ranking, top 3

was equal to an average score of 33.1 for the top 3 universities in 2022, down by 0.21% from the year prior – and equivalent to an indicator rank of 37.

3.1.1 ICT access

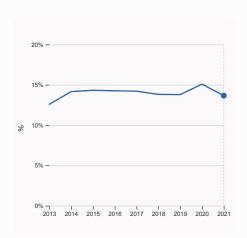
was equal to a score of 9.25 in 2021, up by 0.76% from the year prior – and equivalent to an indicator rank of 29.





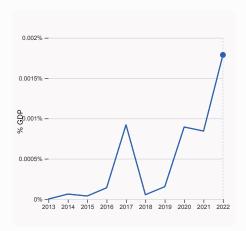


was equal to an average perception score of 5.47 in 2019, equivalent to an indicator rank of 19.



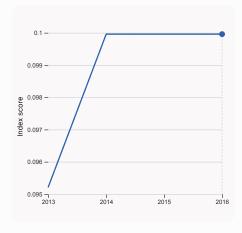
5.1.1 Knowledge-intensive employment, %

was equal to 13.66% in 2021, down by 1.42 percentage points from the year prior – and equivalent to an indicator rank of 95.



4.2.4 VC received, value, % GDP

was equal to 0.00179% GDP in 2022, up by 0.00094 percentage points from the year prior – and equivalent to an indicator rank of 45.

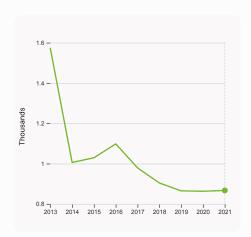


4.3.2 Domestic industry diversification

was equal to an index score of 0.1 in 2016, with no change from the year prior – and equivalent to an indicator rank of 15.

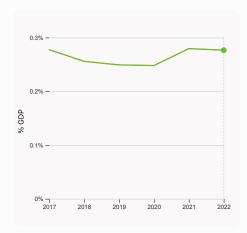


> Innovation outputs in Thailand



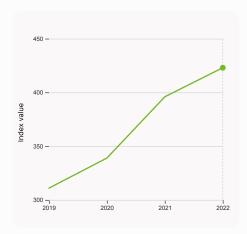
6.1.1 Patents by origin

was equal to 0.87 Thousands in 2021, up by 0.46% from the year prior – and equivalent to an indicator rank of 71.



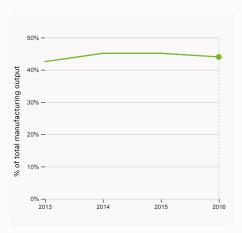
6.2.3 Software spending, % GDP

was equal to 0.277% GDP in 2022, down by 0.003 percentage points from the year prior – and equivalent to an indicator rank of 52.



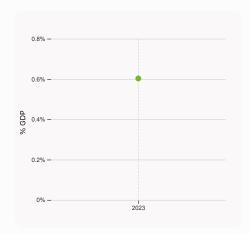
6.1.5 Citable documents H-index

was equal to an index value of 423 in 2022, up by 6.82% from the year prior – and equivalent to an indicator rank of 41.



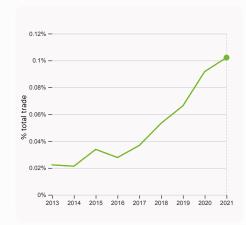
6.2.4 High-tech manufacturing, %

was equal to 44.01% of total manufacturing output in 2016, down by 1.12 percentage points from the year prior – and equivalent to an indicator rank of 20.



6.2.2 Unicorn valuation, % GDP

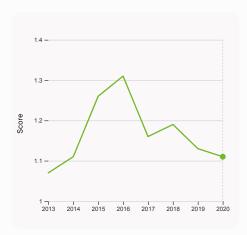
was equal to 0.603 % GDP in 2023 – and equivalent to an indicator rank of 38.



6.3.1 Intellectual property receipts, % total trade

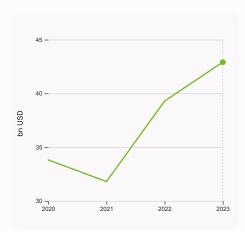
was equal to 0.102% total trade in 2021, up by 0.01 percentage points from the year prior – and equivalent to an indicator rank of 61.





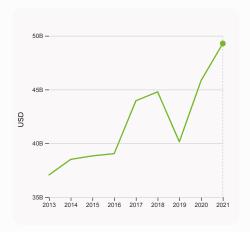
6.3.2 Production and export complexity

was equal to a score of 1.11 in 2020, down by 1.77% from the year prior – and equivalent to an indicator rank of 25.



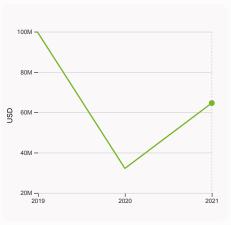
7.1.3 Global brand value, top 5,000

was equal to 42.914 bn USD in 2023, up by 9.22% from the year prior – and equivalent to an indicator rank of 30.



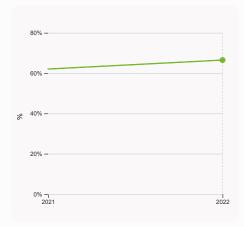
6.3.3 High-tech exports

was equal to 49,287,591,074 USD in 2021, up by 7.53% from the year prior – and equivalent to an indicator rank of 8.



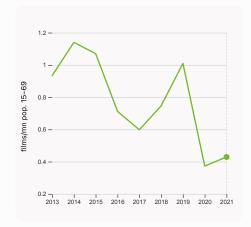
7.2.1 Cultural and creative services exports

was equal to 64,607,000 USD in 2021, up by 100.73% from the year prior – and equivalent to an indicator rank of 96.



7.1.1 Intangible asset intensity, top 15, %

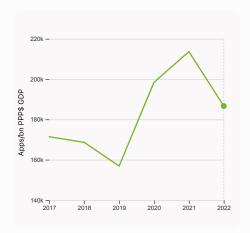
was equal to 66.48% in 2022, up by 4.45 percentage points from the year prior – and equivalent to an indicator rank of 26.



7.2.2 National feature films/mn pop. 15-69

was equal to 0.429 films/mn pop. 15–69 in 2021, up by 15.074% from the year prior – and equivalent to an indicator rank of 72.





7.3.4 Mobile app creation/bn PPP\$ GDP

was equal to 186,656.03 Apps/bn PPP\$ GDP in 2022, down by 12.62% from the year prior – and equivalent to an indicator rank of 61.



→ Thailand's innovation top performers

> 2.3.4 QS university ranking of Thailand's top universities

Rank	University	Score
224	CHULALONGKORN UNIVERSITY	41.40
256	MAHIDOL UNIVERSITY	38.10
601-650	CHIANG MAI UNIVERSITY	19.80

Source: QS Quacquarelli Symonds Ltd (https://www.topuniversities.com/university-rankings/world-university-rankings/2023).

Note: QS Quacquarelli Symonds Ltd annually assesses over 1,200 universities across the globe and scores them between [0,100]. Ranks can represent a single value "x", a tie "x=" or a range "x-y".

> 6.2.2 Top Unicorn Companies in Thailand

Rank	Unicorn Company	Industry	City	Valuation, bn USD
1	ASCEND MONEY	Fintech	Bangkok	2
2	LINE MAN WONGNAI	E-commerce & direct-to-consumer	Bangkok	1
2	FLASH EXPRESS	Supply chain, logistics, & delivery	Bangkok	1

Source: CBInsights, Tracker – The Complete List of Unicorn Companies: https://www.cbinsights.com/research-unicorn-companies

> 7.1.1 Top 15 intangible-asset intensive companies in Thailand

Rank	Firm	Intensity, %
1	AIRPORTS OF THAILAND PCL	83.73
2	CP ALL PCL	80.43
3	ADVANCED INFO SERVICE PCL	92.63

Source: Brand Finance (https://brandirectory.com/reports/gift-2022). Note: Brand Finance only provides within economy ranks.

> 7.1.3 Top 5,000 companies in Thailand with highest global brand value

Rank	Brand	Industry	Brand Value, mn USD
1	PTT	Oil & Gas	6,615.5
2	AIS	Telecoms	2,943.9
3	SCG	Engineering & Construction	2,660.0

Source: Brand Finance (https://brandirectory.com). Note: Rank corresponds to within economy ranks.



Population (mn)

GDP, PPP\$ (bn)

1,479.6

GII 2023 rank

43

GDP per capita, PPP\$

21,114.2

3.2 32

33 96 \odot

72 0

1 •

35

69

61

28.0

0.0

0.4

9.2

8.5

19.4

6.1 52

4.0 77

67.2

0.4 102

Thailand

Input rank

Output rank

43	44	Upper middle	,	SEAO)
		So	core / Value	e Rank	(
			44.7	85	
1.1 Institutional env	vironment		46.9	62	
1.1.1 Operational sta	bility for businesses*		50.0	71	
1.1.2 Government eff	fectiveness*		43.7	57	
1.2 Regulatory envi	ironment		44.2	112	\Diamond
1.2.1 Regulatory qua	lity*		44.5	65	
1.2.2 Rule of law*			43.1	59	
1.2.3 Cost of redund	ancy dismissal		36.0	124	0 0
1.3 Business enviro	nment		43.1	73	
1.3.1 Policies for doir	ng business†		36.6	97	
	nip policies and culture	4	49.6	36	
1.3.2 Entrepreneursh	iip politico aria cartare	•			
	al and research		29.2	74	
				74 100	
R Human capit	al and research		29.2		0 \$
2.1 Education 2.1.1 Expenditure on	al and research		29.2 39.6	100	0 \$
2.1 Education 2.1.1 Expenditure on	al and research education, % GDP nding/pupil, secondar		29.2 39.6 3.0	100 107	0 \$
2.1 Education 2.1.1 Expenditure on 2.1.2 Government fu 2.1.3 School life expension	al and research education, % GDP nding/pupil, secondar	y, % GDP/cap	29.2 39.6 3.0 • 18.4	100 107 60	0 \$
2.1 Education 2.1.1 Expenditure on 2.1.2 Government fu 2.1.3 School life expension	education, % GDP nding/pupil, secondar ectancy, years reading, maths and sc	y, % GDP/cap	29.2 39.6 3.0 18.4 15.4	100 107 60 45	
2.1 Education 2.1.1 Expenditure on 2.1.2 Government fu 2.1.3 School life exp 2.1.4 PISA scales in	education, % GDP nding/pupil, secondar ectancy, years reading, maths and so atio, secondary	y, % GDP/cap	29.2 39.6 3.0 18.4 15.4 412.4	100 107 60 45 61	
2.1 Education 2.1.1 Expenditure on 2.1.2 Government fu 2.1.3 School life exp 2.1.4 PISA scales in 2.1.5 Pupil-teacher r	education, % GDP nding/pupil, secondar ectancy, years reading, maths and so atio, secondary ion	y, % GDP/cap	29.2 39.6 3.0 18.4 15.4 412.4 22.0	100 107 60 45 61 104	
2.1 Education 2.1.1 Expenditure on 2.1.2 Government fu 2.1.3 School life exp 2.1.4 PISA scales in 2.1.5 Pupil-teacher r 2.2 Tertiary educat 2.2.1 Tertiary enrolm	education, % GDP nding/pupil, secondar ectancy, years reading, maths and so atio, secondary ion	y, % GDP/cap ience	29.2 39.6 3.0 18.4 15.4 412.4 22.0 28.3	100 107 60 45 61 104 72	
2.1 Education 2.1.1 Expenditure on 2.1.2 Government fu 2.1.3 School life exp 2.1.4 PISA scales in 2.1.5 Pupil-teacher r 2.2 Tertiary educat 2.2.1 Tertiary enrolm 2.2.2 Graduates in s 2.2.3 Tertiary inbour	education, % GDP nding/pupil, secondar ectancy, years reading, maths and so atio, secondary cion lent, % gross cience and engineerin ad mobility, %	y, % GDP/cap ience	29.2 39.6 3.0 18.4 15.4 412.4 22.0 28.3 44.0 27.9 1.3	100 107 60 45 61 104 72 73 29 84	
2.1 Education 2.1.1 Expenditure on 2.1.2 Government fu 2.1.3 School life exp 2.1.4 PISA scales in 2.1.5 Pupil-teacher r 2.2 Tertiary educat 2.2.1 Tertiary enrolm 2.2.2 Graduates in s	education, % GDP nding/pupil, secondar ectancy, years reading, maths and so atio, secondary cion lent, % gross cience and engineerin ad mobility, %	y, % GDP/cap ience	29.2 39.6 3.0 18.4 15.4 412.4 22.0 28.3 44.0 27.9 1.3 19.7	100 107 60 45 61 104 72 73 29	
2.1 Education 2.1.1 Expenditure on 2.1.2 Government fu 2.1.3 School life exp 2.1.4 PISA scales in 2.1.5 Pupil-teacher r 2.2 Tertiary educat 2.2.1 Tertiary enrolm 2.2.2 Graduates in s 2.2.3 Tertiary inbour	al and research education, % GDP nding/pupil, secondare ectancy, years reading, maths and so atio, secondary cion eent, % gross cience and engineerin ad mobility, % levelopment (R&D) TE/mn pop.	y, % GDP/cap ience	29.2 39.6 3.0 18.4 15.4 412.4 22.0 28.3 44.0 27.9 1.3 19.7	100 107 60 45 61 104 72 73 29 84	

Income

Region

40 ○ ◊

37

0.0

33.5

♣ Infrastructure	47.4	49	
3.1 Information and communication technologies (ICTs)	81.5	33	
3.1.1 ICT access*	88.9	29	
3.1.2 ICT use*	83.7	47	
3.1.3 Government's online service*	75.3	47	
3.1.4 E-participation*	77.9	18 🕻	
3.2 General infrastructure	35.1	41	
3.2.1 Electricity output, GWh/mn pop.	2,671.7	68	
3.2.2 Logistics performance*	63.6	33	
3.2.3 Gross capital formation, % GDP	29.1	27	
3.3 Ecological sustainability	25.7	63	
3.3.1 GDP/unit of energy use	8.8	82	
3.3.2 Environmental performance*	32.5	80	
3.3.3 ISO 14001 environment/bn PPP\$ GDP	3.3	30	

2.3.3 Global corporate R&D investors, top 3, mn US\$

2.3.4 QS university ranking, top 3*

լու Market sophistication	52.7	22
4.1 Credit	65.2	9
4.1.1 Finance for startups and scaleups [†]	6 9.3	19
4.1.2 Domestic credit to private sector, % GDP	160.4	10 •
4.1.3 Loans from microfinance institutions, % GDP	n/a	n/a
4.2 Investment	24.2	29
4.2.1 Market capitalization, % GDP	104.0	14
4.2.2 Venture capital (VC) investors, deals/bn PPP\$ GDP	0.1	31
4.2.3 VC recipients, deals/bn PPP\$ GDP	0.1	19
4.2.4 VC received, value, % GDP	0.0	45
4.3 Trade, diversification, and market scale	68.7	21
4.3.1 Applied tariff rate, weighted avg., %	Q 3.5	77
4.3.2 Domestic industry diversification	9 7.2	15 •
4.3.3 Domestic market scale, bn PPP\$	1,479.6	23

	Score / Value	Rank
Business sophistication	35.8	43
5.1 Knowledge workers 5.1.1 Knowledge-intensive employment, % 5.1.2 Firms offering formal training, % 5.1.3 GERD performed by business, % GDP 5.1.4 GERD financed by business, % 5.1.5 Females employed w/advanced degrees, % 5.2 Innovation linkages 5.2.1 University-industry R&D collaboration† 5.2.2 State of cluster development† 5.2.3 GERD financed by abroad, % GDP 5.2.4 Joint venture/strategic alliance deals/bn PPP\$ GDP 5.2.5 Patent families/bn PPP\$ GDP 5.3 Knowledge absorption 5.3.1 Intellectual property payments, % total trade 5.3.2 High-tech imports, % total trade 5.3.3 ICT services imports, % total trade 5.3.4 FDI net inflows, % GDP 5.3.5 Research talent, % in businesses	36.7 13.7 18.0 0.8 80.8 10.6 22.2 53.7 44.7 0.0 0.1 48.7 1.8 18.0 0.4 1.0 60.8	56 95
✓ Knowledge and technology outputs	31.3	42
6.1 Knowledge creation 6.1.1 Patents by origin/bn PPP\$ GDP 6.1.2 PCT patents by origin/bn PPP\$ GDP 6.1.3 Utility models by origin/bn PPP\$ GDP 6.1.4 Scientific and technical articles/bn PPP\$ GDP 6.1.5 Citable documents H-index 6.2 Knowledge impact 6.2.1 Labor productivity growth, % 6.2.2 Unicorn valuation, % GDP 6.2.3 Software spending, % GDP 6.2.4 High-tech manufacturing, % 6.3 Knowledge diffusion 6.3.1 Intellectual property receipts, % total trade 6.3.2 Production and export complexity 6.3.3 High-tech exports, % total trade 6.3.4 ICT services exports, % total trade 6.3.5 ISO 9001 quality/bn PPP\$ GDP	24.2 0.6 0.1 2.7 n/a 21.1 33.9 -0.1 0.6 0.3 44.0 35.8 0.1 75.7 16.7 0.1 9.5	42 71 57 6 ● n/a 41 45 99 38 52 20 38 61 25 8 ● 128 ○ 30
Creative outputs	33.1	44
7.1 Intangible assets7.1.1 Intangible asset intensity, top 15, %7.1.2 Trademarks by origin/bn PPP\$ GDP7.1.3 Global brand value, top 5,000	42.5 66.5 24.9 7.4	37 26 84 30

7.1.4 Industrial designs by origin/bn PPP\$ GDP

7.2.2 National feature films/mn pop. 15-69

7.2.4 Creative goods exports, % total trade

7.3.2 Country-code TLDs/th pop. 15-69

7.3.4 Mobile app creation/bn PPP\$ GDP

7.3.3 GitHub commits/mn pop. 15-69

7.2.1 Cultural and creative services exports, % total trade

7.2.3 Entertainment and media market/th pop. 15-69

7.3.1 Generic top-level domains (TLDs)/th pop. 15-69

7.2 Creative goods and services

7.3 Online creativity

NOTES: • indicates a strength; O a weakness; • an income group strength; \diamond an income group weakness; * an index; * a survey question, • indicates that the economy's data are older than the base year; see appendices for details, including the year of the data, at https://www.wipo.int/gii-ranking. Square brackets [] indicate that the data minimum coverage (DMC) requirements were not met at the sub-pillar or pillar level.



→ Data availability

The following tables list indicators that are either missing or outdated for Thailand.



> Thailand has missing data for one indicator and outdated data for eighteen indicators.

> Missing data for Thailand

Code	Indicator name	Economy Year	Model Year	Source
4.1.3	Loans from microfinance institutions, % GDP	n/a	2021	International Monetary Fund, Financial Access Survey (FAS)

> Outdated data for Thailand

Code	Indicator name	Economy Year	Model Year	Source
1.3.2	Entrepreneurship policies and culture	2019	2022	Global Entrepreneurship Monitor
2.1.2	Government funding/pupil, secondary, % GDP/cap	2013	2019	UNESCO Institute for Statistics
2.1.3	School life expectancy, years	2016	2020	UNESCO Institute for Statistics
2.2.2	Graduates in science and engineering, %	2016	2020	UNESCO Institute for Statistics; Eurostat; OECD
2.2.3	Tertiary inbound mobility, %	2016	2020	UNESCO Institute for Statistics
2.3.1	Researchers, FTE/mn pop.	2020	2021	UNESCO Institute for Statistics; Eurostat; OECD; RICYT
2.3.2	Gross expenditure on R&D, % GDP	2020	2021	UNESCO Institute for Statistics; Eurostat; OECD; RICYT
4.1.1	Finance for startups and scaleups	2019	2022	Global Entrepreneurship Monitor
4.3.1	Applied tariff rate, weighted avg., %	2015	2020	World Bank
4.3.2	Domestic industry diversification	2016	2020	United Nations Industrial Development Organization
5.1.1	Knowledge-intensive employment, %	2021	2022	International Labour Organization
5.1.2	Firms offering formal training, %	2016	2019	World Bank Enterprise Surveys
5.1.3	GERD performed by business, % GDP	2017	2021	UNESCO Institute for Statistics; Eurostat; OECD; RICYT



Code	Indicator name	Economy Year	Model Year	Source
5.1.4	GERD financed by business, %	2017	2020	UNESCO Institute for Statistics; Eurostat; OECD; RICYT
5.1.5	Females employed w/advanced degrees, %	2021	2022	International Labour Organization
5.2.3	GERD financed by abroad, % GDP	2017	2020	UNESCO Institute for Statistics; Eurostat; OECD; RICYT
5.3.5	Research talent, % in businesses	2017	2021	UNESCO Institute for Statistics; Eurostat; OECD; RICYT
6.2.4	High-tech manufacturing, %	2016	2020	United Nations Industrial Development Organization



→ About the Global Innovation Index

- The Global Innovation Index (GII) is published by the World Intellectual Property Organization (WIPO), a specialized agency of the United Nations.
- Recognizing that innovation is a key driver of economic development, the GII aims to provide an innovation ranking and rich analysis referencing around 130 economies. Over the last decade, the GII has established itself as both a leading reference on innovation and a "tool for action" for economies that incorporate the GII into their innovation agendas.



The Index is a ranking of the innovation capabilities and results of world economies. It measures innovation based on criteria that include institutions, human capital and research, infrastructure, credit, investment, linkages; the creation, absorption and diffusion of knowledge; and creative outputs.

The GII has two sub-indices: the Innovation Input Sub-Index and the Innovation Output Sub-Index, and seven pillars, each consisting of three sub-pillars.