



Executive Summary

Thailand Tourism Satellite Account (TSA) 2022



Tourism and Sports Research and Innovation Development Section
Economic Tourism and Sports Division
Office of the Permanent Secretary, Ministry of Tourism and Sports



2022

Thailand Tourism Satellite Account (TSA)
Executive Summary

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Thailand Tourism Economy in 2022



Total Tourism Expenditure

1,254,741.25 MB

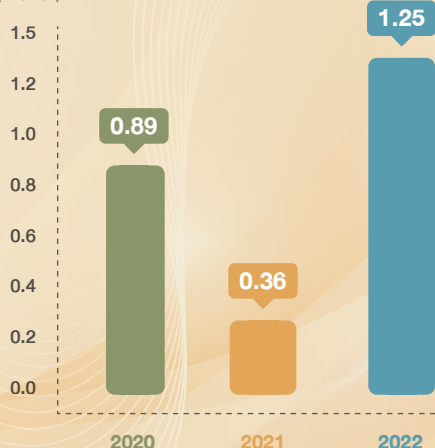
Inbound tourism expenditure
42.87%

Domestic tourism expenditure
57.13%

Due to recovering in COVID 19, total
tourism expenditure expanded
251.65%

Total Tourism Expenditure

(Trillion Baht)



2020

Inbound Visitors
43.78%

Domestic Visitors
56.22%

2021

Inbound Visitors
28.77%

Domestic Visitors
71.23%

2022

Inbound Visitors
42.87%

Domestic Visitors
57.13%

GVATI 1,119,025.71 MB ↑ Growth **39.81%**

TAX 35,580.96 MB ↑ Growth **255.81%**

TGDP

1,258,821.11 MB

↑ Growth **253.41%**

Share to GDP **7.24%**

TDGDP

482,806.24 MB

↑ Growth **254.83%**

Share to GDP **2.78%**

TIDGDP

776,014.87 MB

↑ Growth **252.53%**

Share to GDP **4.47%**

Employment in tourism industries



Total Employment of Tourism industries (persons)

2020

3,909,592

2021

3,984,582

2022

4,188,216



Total employment in Thailand (persons)

37,680,200

37,751,300

39,221,050



Ratio of total employment of tourism industries
to total employment in Thailand (%)

10.38

10.55

10.68

Thailand Tourism Employment in 2022



Tourism Employment

4,188,216 persons



Male
1,836,908 persons



Female
2,351,308 persons

Total employment

39,221,050 persons

Ratio of tourism employment to total employment



10.68 %

Employment in 12 Tourism Industries

1 Food and beverage serving industry 2,454,702 persons



Male 827,149 persons



Female 1,627,553 Persons

2 Road passenger transport 623,869 persons



Male 537,061 persons



Female 86,808 Persons

3 Accommodation for visitors 379,414 persons



Male 146,846 persons



Female 232,568 Persons

4 Country-specific tourism industries 272,612 persons



Male 78,405 persons



Female 194,207 Persons

5 Sports and recreational industry 216,478 persons



Male 107,235 persons



Female 109,243 Persons

6 Retail trade of country specific tourism characteristic goods 79,601 persons



Male 33,797 persons



Female 45,803 Persons

7 Cultural industry 63,779 persons



Male 39,175 persons



Female 24,604 Persons

8 Air passenger transport 32,729 persons



Male 22,077 persons



Female 10,653 Persons

9 Travel agencies and other reservation services industry 31,515 persons



Male 18,038 persons



Female 13,476 Persons

10 Railway passenger transport 16,835 persons



Male 14,398 persons



Female 2,437 Persons

11 Water passenger transport 8,427 persons



Male 6,780 persons



Female 1,647 Persons

12 Transport equipment rental 8,256 persons



Male 5,947 persons



Female 2,309 Persons

Executive Summary

Thailand Tourism Satellite Account (TSA) 2022

Thailand Tourism Satellite Account (TSA) 2022 aims to align Thailand's TSA as a standard statistical framework and the main tool for the economic measurement of tourism at the macro level. It involves policy planning, analysis, and recommendations on the tourism economy, as well as the development of tourism economic data for knowledge dissemination and utilization.

In 2022, Thailand has lifted various COVID-19 restrictions for the first time, permitting foreign tourists to enter without requiring registration. The alternations have bolstered confidence in travel and tourist expenditure, leading to substantial growth in the tourism sector, especially in activities associated with inbound and outbound tourism.

In 2022, the gross value added of the tourism industry (GVATI), indicating the value added generated from both tourism industries and other industries, including selling goods and providing services, amounted to 1.12 trillion baht. The value of tourism direct gross value added (TDGVA) stood at 0.47 trillion baht. Additionally, the tourism gross domestic product (TGDP) was valued at 1.26 trillion baht, accounting for 7.24 percent of the total GDP. Furthermore, the tourism industry played a significant role in continually boosting investment and employment opportunities in the country, with the value of investment amounting to 0.11 trillion baht and 4.18 million persons employed in this industry.

In terms of the growth rate compared to the previous year, the gross value added of the tourism industry (GVATI) increased by 39.81 percent, while tourism direct gross value added (TDGVA) grew by 270.08 percent, and tourism gross domestic product (TGDP) rose by 253.41 percent. Similarly, investment and employment in the tourism industry also increased by 16.74 percent and 5.11 percent, respectively. These enhancements were notably backed by 3 factors, which are as follows:

- 1) The reopening of the country to foreign tourists and the implementation of various stimulus packages contributed to a remarkable expansion in the tourism industry, leading to a 253.41 percent increase in tourism gross domestic product (TGDP), which played a significant role in boosting the economy.
- 2) The revitalization of the tourism sector has led to positive expansion in tourism gross domestic product (TGDP), representing a growth of 270.08 percent, and expanded demand for goods and services, generating added value to operators in the tourism industry.

- 3) The growth in the tourism industry is fueled by continuous investment and employment opportunities. Furthermore, the expansion of the tourism industry also increases labor productivity within the sector.

The main tourism indicators are following:

Gross Value Added of Tourism Industry at basic price (GVATI: Total contribution)

Gross value added of the tourism industry (at basic price) indicates the value added generated in both tourism industries and other industries. In 2022, the gross value added of tourism industry was valued at 1,119,025.71 million baht (6.44 percent of total GDP), reflecting a growth of 39.81 percent from the previous year.

Tourism Direct Gross Value Added (TDGVA: Direct contribution)

Tourism direct gross value added (TDGVA) reflects the value added generated only in tourism industries. In 2022, the tourism direct gross value added was valued at 469,798.37 million baht (2.94 percent to total GVA of all industries), reflecting a growth of 270.08 percent from the previous year.

Tourism Gross Domestic Product (TGDP: Direct contribution)

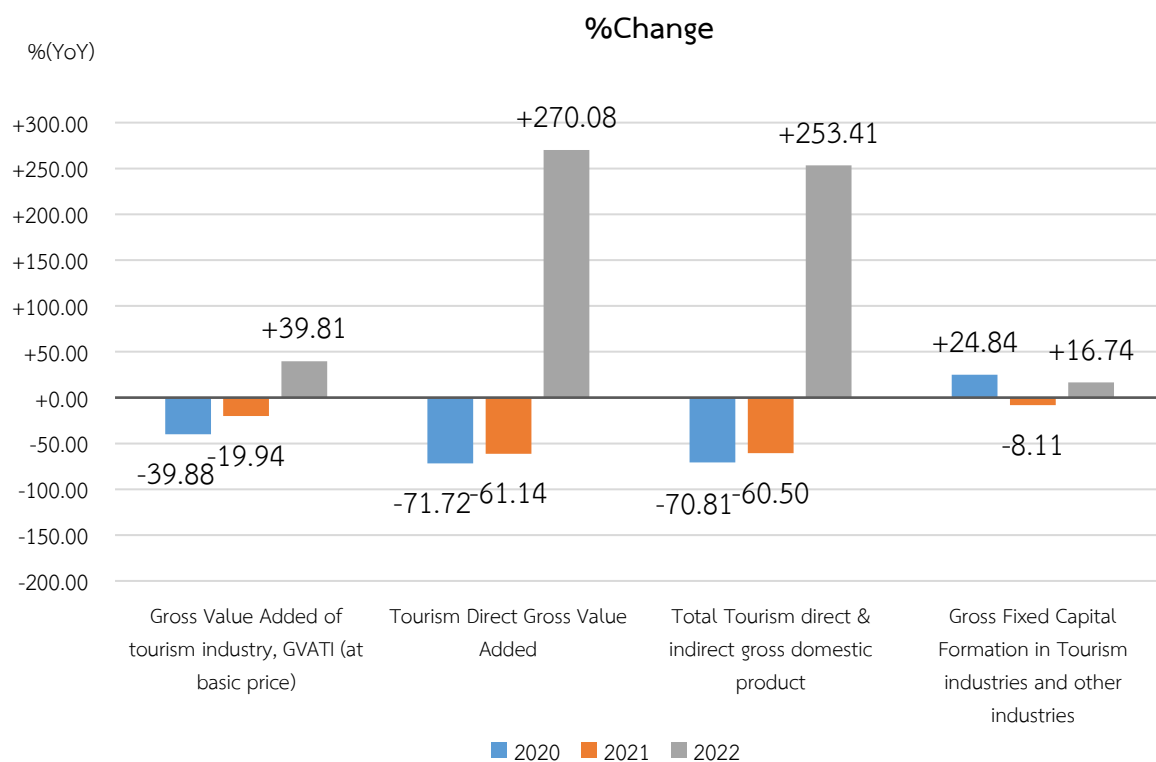
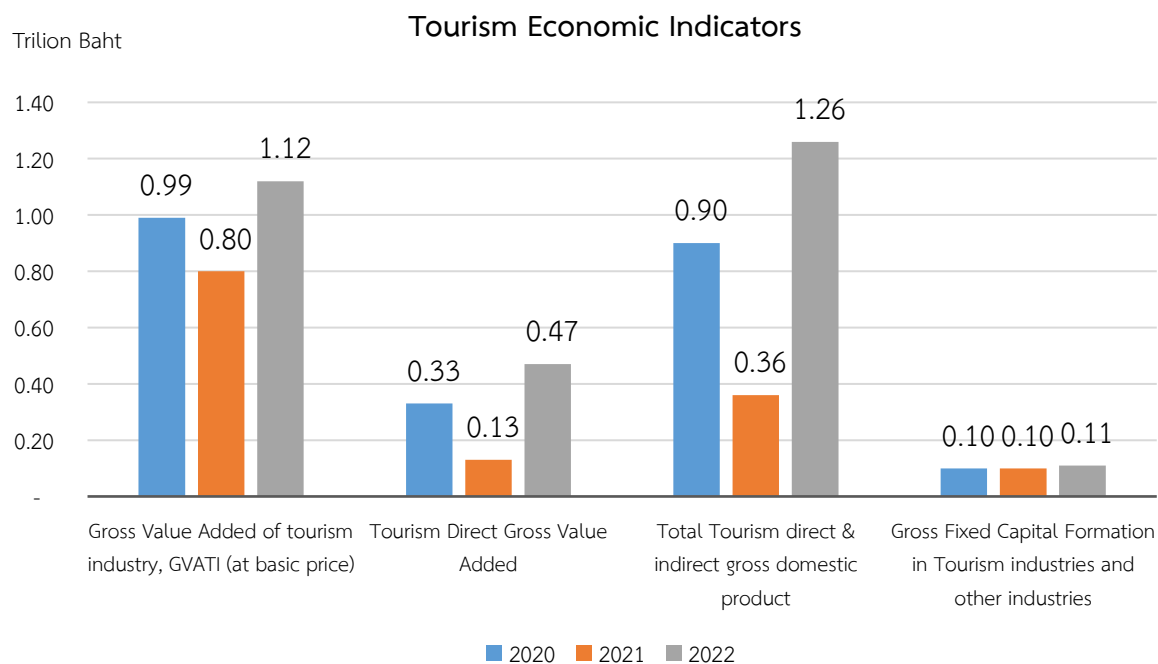
Tourism gross domestic product (TGDP) aggregates both tourism direct GDP and indirect GDP, measuring total production generated in all tourism industries. In 2022, the tourism gross domestic product was valued at 1,258,821.11 million baht (7.24 percent of total GDP), reflecting a growth of 253.41 percent from the previous year.

Gross Fixed Capital Formation in Tourism Industry

The gross fixed capital formation in tourism and related industry in 2022 was valued at 111,165.61 million baht, reflecting a growth of 16.77 percent from the previous year.

Employment in Tourism Industry (Employment: Total Employment)

The total employment in tourism industry in 2022 was 4,188,216 persons (10.68 percent of total employment of the country), which increased by 5.11 percent from the previous year.



1. Thailand Tourism Satellite Account (TSA) in 2022

1.1 Tourism expenditure

Inbound tourism expenditure: In 2022, Thailand's reopening to foreign tourists has led to normalization of international tourism operations. According to the survey, inbound tourism expenditure in 2022 was valued at 537,845.53 million baht, compared to 102,654.20 million baht in 2021, representing a 423.94 percent increase. This was a substantial attributable to a continual expansion in the number of foreign tourist arrivals, propelled by allowing entry for foreign tourists without advance registration and reopening all the country's borders.

Domestic tourism expenditure in 2022 was recorded at 716,895.72 million baht, which grew by 182.07 percent. The expenditure was distributed across 12 tourism characteristic products and other consumption products. The former totaled 442,156.22 million baht. The two greatest expenditure was in food and beverage serving services, with a value of 164,002.25 million baht, followed by accommodation services for visitors, with a value of 130,467.03 million baht. Meanwhile, other consumption products accounted for 274,739.50 million baht.

Outbound tourism expenditure: In 2022, an increasing number of Thai citizens are travelling abroad, including the opening of land borders. The popular destinations for Thais in the Asian region were led by Japan and South Korea, while in Europe region were led by England and France. As a consequence, outbound tourism expenditure in 2022 was valued at 127,060.73 million baht, compared to 1,448.44 million baht in 2021. The greatest amount of spending was on accommodation services for visitors, with a value of 42,985.08 million baht, followed by food and beverage serving services, with a value of 41,204.20 million baht.

Internal tourism expenditure in 2022 accounted for 1,254,741.25 million baht, consisting of expenditure from foreign tourists and excursionists amounting to 537,845.53 million baht (42.87 percent of the total), and expenditure from domestic tourists and excursionists amounting to 716,895.72 million baht (57.13 percent of the total). These reflected the tourism industry still relying mainly on domestic tourists and excursionists. This was partly attributed to the reopening of the country, which occurred during on the second half of the year. Furthermore, the low number of foreign tourists compared to 2019 can be attributed to the fact that China, a major market, has not yet opened its borders for international travel.

1.2 Productions of tourism industries

The total output at basic prices of tourism industry in 2022 was recorded at 2,848,513.44 million baht, generating the gross value added of the tourism industries at basic prices (GVATI) by 1,119,025.71 million baht. Meanwhile, the value added of other industries totaled 16,001,692 million baht. Hence, GVATI was account for 6.99 percent of total gross value added of all industries and grew by 39.81 percent, the main factor during this growth is the easing of COVID-19 crisis.

The total amount of 1,119,025.71 million baht of gross value added of tourism industries can be divided into wage and salary; operating surplus and mixed income; depreciation; and other indirect taxes less subsidies with value of 340,797.64 million baht, 606,088.24 million baht, 167,044.64 million baht, and 5,095.19 million baht, respectively.

1.3 Tourism Gross Domestic Product

1) Tourism direct GDP: In 2022, the value of gross value added of tourism industries at basic prices (GVATI) was valued at 1,119,025.71 million baht. Additionally, the tourism direct GDP (TDGDP) was valued at 482,806.24 million baht, compared to a value of 136,065.67 million baht in 2021, representing a growth of 254.83 percent. The proportion of TDGDP to total GDP in 2022 stood at 2.78 percent, compared to 0.84 percent in 2021.

2) Tourism indirect GDP: In 2022, the tourism indirect GDP (TIDGDP) was valued at 776,014.87 million baht, compared to 220,129.84 million baht in 2021, representing a growth of 252.53 percent. In addition, the proportion of TIDGDP to total GDP in 2022 was 4.47 percent, compared to a 1.36 percent in 2021.

3) Tourism induced GDP in 2022 was valued at 318,982.28 million baht which increased by 254.68 percent from the previous year. This total accounted for share of 1.84 percent of total GDP.

After combining tourism direct GDP (TDGDP), tourism indirect GDP (TIDGDP) and tourism induced GDP in 2022, the total was valued at 1,577,803.39 million baht, or 253.66 percent. Compared to the previous year and when compared as a proportion of the total GDP, the value amounted to 9.08 percent, compared to 2.76 percent in 2021, and 22.99 percent in 2019, which is considered normal period.

1.4 The value of tourism direct GDP in real terms by chain volume measure (CVM) method

The tourism direct GDP in real terms, which was computed by the chain volume measure (CVM) method with 2010 as the reference year, in 2022 increased by

242.24 percent from 2021. Meanwhile, the total GDP in real terms (CVM), compiled by NESDC in 2022, grew by 2.46 percent, higher than the 1.57 percent in 2021. Hence, the expansion in tourism direct GDP growth aligns with the overall economy of the country. This is the first time since 2020 that tourism sector has played a significant role in driving Thailand's economic growth. However, as it is the first year of tourism recovery, the GDP expansion rate for tourism is high.

1.5 Source of growth

1) Source of growth of tourism industry: The total, which was combined 12 tourism activities and other industries, in real term in 2022 grew by 241.44 percent from 2021. This expansion was enhanced by positive contribution in all industries. The three industries experiencing the most significant increases were as follows: accommodation services for visitors with a growth of 81.72 percent; food and beverage serving services with a growth of 34.00 percent; and transport services and travel agencies and other reservation services with a growth of 28.54 percent.

Table 1 Source of growth of tourism industry from 2018 to 2022

(Unit: percent)

Source of growth of tourism industries	2018	2019	2020r	2021r	2022
Accommodation services for visitors	0.23	-0.26	-13.87	-18.21	81.72
Food and beverage serving services	0.58	-0.46	-12.72	-8.81	34.00
Transport services; and Travel agencies and other reservation services	1.02	0.28	-11.91	-5.81	28.54
Cultural services; and Sports and recreational services	-0.10	-0.03	-2.00	-0.78	7.55
Country-specific tourism characteristic goods and services	0.43	-0.02	-9.22	-3.93	13.93
Other tourism service industries of the country	0.15	0.19	-2.59	-3.89	17.12
Other industries	0.39	1.19	-16.85	-18.48	58.58
Total	2.70	0.88	-69.18	-59.91	241.44

2) The source of growth of the economy: Thailand experienced positive growth for the second consecutive year, reaching 1.49 percent in 2021 and 2.46 percent in 2022. In 2022, the sector that contributed the most significant increase was the tourism sector, with a growth rate of 2.86 percent. Therefore, implementing policies in 2022 aimed at boosting growth in tourism sector, as this is essential for leveraging benefits across multiple dimensions, such as driving country's economy and creating forward linkages to bolster other sectors.

Table 2 Source of growth of the economy from 2018 to 2022

Source of growth	2018	2019	2020	2021	2022
Agriculture	0.38	-0.06	-0.2	0.14	0.16
Manufacturing	0.95	-0.23	-1.41	1.25	0.19
Others in Industrial sector	0.01	0.19	-0.43	-0.08	-0.17
Construction	0.06	0.04	0.03	0.06	-0.07
Tourism	0.25	0.07	-6.21	-1.76	2.86
Real estate	0.21	0.15	0.06	0.07	0.10
Others in service sector	2.37	1.96	2.09	1.81	-0.60
Total	4.22	2.11	-6.07	1.49	2.46

Note: All of data from National Account Division, Office of the National Economic and Social Development Council, with an exception of Tourism which was compiled by this project

1.6 Report of goals and indicators of the National Strategy under the tourism topic

According to the tourism topic outlined in the National Strategy, the target was set to achieve a 22 percent share of tourism GDP in total GDP during the period from 2019 to 2022.

The proportion of an aggregation of tourism direct GDP, tourism indirect GDP, and tourism induced GDP to the total GDP in 2022 was 9.08 percent which increased from 2.76 percent in 2021. Thailand's reopening to foreign tourists has resulted in the expansion of the country's tourism sector and has increased its proportion to the GDP. However, the slow recovery of the aviation industry and related businesses, along with the global economic situation impacted by rising fuel and energy prices and high interest rates, posed obstacles to the recovery of tourism. Consequently, the proportion averaged from 2018 to 2022 was 13.06 percent, which was lower than the set target. Therefore, a reassessment of these goals would be necessary, as the failure to achieve the set target was reasoned by factors beyond expectations.

Table 3 Proportion of tourism GDP to total GDP from 2018 to 2022

(Unit: percent)

Share of tourism GDP to total GDP	2018	2019r	2020r	2021	2022	Average 2018-2022
Tourism direct GDP	7.59	7.56	2.29	0.86	2.94	4.25
Tourism indirect GDP	11.09	10.92	3.51	1.36	4.47	6.27
Tourism induced GDP	4.77	4.70	1.44	0.56	1.84	2.66
Total	23.27	22.99	7.20	2.76	9.08	13.06

1.7 Total taxes originating from direct tourism

In 2022, the government received the on products and production taxes originating from tourism amounting to 35,580.96 million baht, compared to 10,000.08 million baht in 2021, presenting an increase of 255.81 percent. The proportional calculation is intended for use in analyzing the cost-effectiveness of government spending in tourism compared to the revenue the government receives in return. For example, in 2022, data from Table 9, Tourism Collective Consumption by Products indicated that the total tourism collective consumption was recorded at 8,946.74 million baht. However, the government received revenue from taxes back from the direct tourism industry amounting to 35,580.96 million baht, calculated as a proportion of 3.98 percent of total tourism collective consumption.

Table 4 Proportion of taxes on products and production originating from tourism to total tourism collective consumption from 2018 to 2022.

Indicators	Unit	2018	2019	2020	2021	2022
Total taxes on products and production taxes originating by tourism	MB	93,979.78	96,429.19	26,824.36	10,000.09	35,580.96
Tourism collective consumption (Government expenditure for tourism activities)	MB	14,934.52	14,546.27	14,261.59	12,677.10	8,946.74
Total taxes on products and production taxes originating by tourism / total tourism collective consumption	Percent	6.29	6.63	1.88	0.79	3.98

Table 5 Tourism indicators from 2011r to 2022

Indicators	Unit	2011r	2012r	2013r	2014r	2015r	2016r	2017r	2018r	2019r	2020r	2021	2022
Tourism expenditure													
Internal tourism expenditure	MB	1,236,858.43	1,533,643.35	1,833,546.32	1,807,786.48	2,297,960.69	2,580,961.46	2,855,049.98	2,983,525.66	3,030,875.34	887,090.46	356,813.51	1,254,741.25
Growth rate	Percent	26.64	24.00	19.55	-1.40	27.11	12.32	10.62	4.50	1.59	-70.73	-59.78	251.65
Inbound tourism expenditure	MB	729,433.58	939,946.10	1,147,881.43	1,037,358.41	1,494,887.38	1,693,953.27	1,865,436.69	1,912,183.56	1,949,116.24	388,365.67	102,654.20	537,845.53
Growth rate	Percent	33.40	28.86	22.12	-9.63	44.11	13.32	10.12	2.51	1.93	-80.07	-73.57	423.94
Domestic tourism expenditure	MB	507,425.85	593,697.25	685,664.89	770,428.07	803,073.31	887,008.19	989,613.29	1,071,342.10	1,081,759.10	498,724.79	254,159.31	716,895.72
Growth rate	Percent	18.03	17.00	15.49	12.36	4.24	10.45	11.57	8.26	0.97	-53.90	-49.04	182.07
Outbound tourism expenditure	MB	126,187.98	141,596.80	146,410.70	170,031.96	199,976.29	251,855.24	286,715.51	317,021.03	318,451.04	42,194.89	1,448.44	127,060.73
Growth rate	Percent	1.31	12.21	3.40	16.13	17.61	25.94	13.84	10.57	0.45	-86.75	-96.57	8,672.25
Productions of tourism industry													
Gross output of tourism industry (at basic prices)	MB	1,833,849.79	2,097,165.48	2,354,986.67	2,423,645.05	2,944,982.68	3,197,218.88	3,519,198.16	3,786,940.70	4,069,886.53	2,534,076.45	2,126,357.47	2,848,513.44
Growth rate		7.09	14.36	12.29	2.92	21.51	8.56	10.07	7.61	7.47	-37.74	-16.09	33.96
Gross value added of tourism industry: GVATI (at basic prices)	MB	760,471.44	858,539.53	938,864.82	973,207.39	1,110,429.55	1,260,818.73	1,433,475.33	1,553,085.90	1,662,845.01	999,732.23	800,398.01	1,119,025.71
Growth rate	Percent	6.64	12.90	9.36	3.66	14.10	13.54	13.69	8.34	7.07	-39.88	-19.94	39.81
% GVATI/Total GVA of all industry	Percent	7.42	7.71	8.06	8.10	8.96	9.54	10.21	10.49	10.88	7.02	5.41	6.99
Tourism direct gross value added on tourism industry, TDGVA	MB	438,491.00	538,666.00	634,853.33	630,959.67	783,247.37	930,862.25	1,066,369.27	1,124,440.23	1,154,998.83	326,669.54	126,946.46	469,798.37
Growth rate	Percent	22.88	22.85	17.86	-0.61	24.14	19.21	14.21	5.45	2.72	-71.72	-61.14	270.08
% TDGVA/Total GVA of all industry	Percent	4.28	4.84	5.45	5.25	6.32	7.07	7.60	7.59	7.56	2.29	0.86	2.94

Table 5 Tourism indicators from 2011r to 2022 (continue)

Indicators	Unit	2011r	2012r	2013r	2014r	2015r	2016r	2017r	2018r	2019r	2020r	2021	2022
Tourism Gross Domestic Product													
Tourism direct gross domestic product: TDGDP	MB	474,749.00	584,111.00	689,167.21	682,979.19	851,732.24	1,006,374.51	1,149,007.98	1,212,035.45	1,245,036.66	352,319.47	136,065.67	482,806.24
Growth rate	Percent	23.27	23.04	17.99	-0.90	24.71	18.16	14.17	5.49	2.72	-71.70	-61.38	254.83
% TDGDP/Total GDP	Percent	4.20	4.73	5.34	5.16	6.20	6.90	7.42	7.40	7.37	2.25	0.84	2.78
Tourism indirect gross domestic product: TIDGDP	MB	761,258.00	941,046.00	1,127,270.70	1,111,642.81	1,409,706.06	1,579,828.93	1,737,678.47	1,815,817.48	1,843,800.64	549,424.62	220,129.84	776,014.87
Growth rate	Percent	27.24	23.62	19.79	-1.39	26.81	12.07	9.99	4.50	1.54	-70.20	-59.93	252.53
%TIDGDP/Total GDP	Percent	6.73	7.62	8.73	8.40	10.26	10.83	11.22	11.09	10.92	3.51	1.36	4.47
Tourism induced gross domestic product: Induced GDP	MB	322,150.00	401,299.00	478,179.21	467,571.57	591,180.90	676,590.25	747,860.53	781,486.70	793,881.81	225,970.52	89,936.43	318,982.28
Growth rate	Percent	26.74	24.57	19.16	-2.22	26.44	14.45	10.53	4.50	1.59	-71.54	-60.20	254.68
% Induced GDP/Total GDP	Percent	2.85	3.25	3.70	3.53	4.30	4.64	4.83	4.77	4.70	1.44	0.56	1.84
Total tourism direct & indirect gross domestic product (Type I)	MB	1,236,007.00	1,525,156.00	1,816,437.91	1,794,622.00	2,261,438.30	2,586,203.44	2,886,686.45	3,027,852.94	3,088,837.30	901,744.09	356,195.51	1,258,821.11
Growth rate	Percent	25.69	23.39	19.10	-1.20	26.01	14.36	11.62	4.89	2.01	-70.81	-60.50	253.41
% (TDGDP+TIDGDP)/Total GDP	Percent	10.93	12.34	14.06	13.56	16.45	17.73	18.64	18.49	18.29	5.76	2.20	7.24
Total Tourism direct, indirect & induced gross domestic product (Type II)	MB	1,558,157.00	1,926,456.00	2,294,617.12	2,262,193.57	2,852,619.20	3,262,793.69	3,634,546.98	3,809,339.64	3,882,719.11	1,127,714.61	446,131.94	1,577,803.39
Growth rate	Percent	25.90	23.64	19.11	-1.41	26.10	14.38	11.39	4.81	1.93	-70.96	-60.44	253.66
% (TDGDP+TIDGDP+Induced GDP)/Total GDP	Percent	13.78	15.59	17.77	17.10	20.76	22.36	23.47	23.27	22.99	7.20	2.76	9.08

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Office of the Permanent Secretary, Ministry of Tourism and Sports

Table 5 Tourism indicators from 2011r to 2022 (continue)

Indicators	Unit	2011r	2012r	2013r	2014r	2015r	2016r	2017r	2018r	2019r	2020r	2021	2022
Data from Office of the National Economic and Social Development Council (NESDC)													
Gross value added of all industries (basic price), source NESDC	MB	10,255,023.00	11,132,517.00	11,642,655.00	12,021,519.00	12,398,349.00	13,211,742.00	14,036,370.00	14,809,502.00	15,283,607.00	14,251,336.00	14,782,913.00	16,001,692.00
Net taxes on products, source NESDC	MB	1,051,884.00	1,224,827.00	1,272,504.00	1,208,787.00	1,345,129.00	1,378,595.00	1,452,294.00	1,563,838.00	1,607,153.00	1,409,958.00	1,405,698.00	1,376,325.00
Gross Domestic Product of the country (Total GDP), source NESDC	MB	11,306,907.00	12,357,344.00	12,915,158.00	13,230,304.00	13,743,480.00	14,590,337.00	15,488,664.00	16,373,343.00	16,889,174.00	15,661,291.00	16,188,611.00	17,378,015.00
Growth rate	Percent	4.61	9.29	4.51	2.44	3.88	6.16	6.16	5.71	3.15	-7.27	3.37	7.35
Real tourism direct GDP (2010=100) (Price deflator)	MB	413,629.00	496,907.00	572,416.93	555,532.70	681,537.26	767,139.28	846,331.18	867,517.28	872,251.19	273,188.55	111,812.47	382,666.20
Growth rate	Percent	21.61	20.13	15.20	-2.95	22.68	12.56	10.32	2.50	0.55	-68.68	-59.07	242.24
Tourism direct GDP real term in Chain Value Measure, CVM (reference year = 2010)	MB	468,443.00	563,662.00	650,237.90	632,691.23	769,785.39	871,668.55	964,609.53	990,639.06	999,375.72	308,040.17	123,481.03	421,615.17
Growth rate	Percent	21.63	20.33	15.36	-2.70	21.67	13.24	10.66	2.70	0.88	-69.18	-59.91	241.44
Gross Domestic Product real term in Chain Value Measure, CVM (reference year = 2002), source NESDC	MB	8,301,560.00	8,902,824.00	9,142,077.00	9,232,089.00	9,521,426.00	9,848,502.00	10,259,941.00	10,693,204.00	10,919,319.00	10,258,697.00	10,419,572.00	10,676,182.00
Growth rate	Percent	0.84	7.24	2.69	0.98	3.13	3.44	4.18	4.22	2.11	-6.05	1.57	2.46
Taxes of Tourism industry													
Total taxes on products and production taxes originating by indirect tourism	MB	74,726.00	92,082.00	117,637.13	116,829.87	149,435.03	165,954.76	182,175.80	190,898.91	193,615.19	57,487.35	23,291.00	81,859.48
Growth rate	Percent	25.95	23.23	27.75	-0.69	27.91	11.05	9.77	4.79	1.42	-70.31	-59.48	251.46
Total taxes on products and production taxes originating by tourism and related industry	MB	1,107,138.00	1,284,555.00	1,339,877.00	1,270,120.99	1,403,640.00	1,453,542.00	1,526,340.00	1,644,282.00	1,685,533.01	1,442,566.01	1,437,459.98	1,436,082.99
Growth rate	Percent	-3.30	16.02	4.31	-5.21	10.51	3.56	5.01	7.73	2.51	-14.41	-0.35	-0.10

Table 5 Tourism indicators from 2011r to 2022 (continue)

Indicators	Unit	2011r	2012r	2013r	2014r	2015r	2016r	2017r	2018r	2019r	2020r	2021	2022
Total taxes on products and production taxes originating by tourism	MB	39,290.00	49,106.00	58,574.13	56,116.59	73,267.72	80,957.55	88,561.19	93,979.77	96,429.19	26,824.37	10,000.08	35,580.96
Growth rate	Percent	26.44	24.98	19.28	-4.20	30.56	10.50	9.39	6.12	2.61	-72.18	-62.72	255.81
Tourism Employment													
Total employment in tourism industry	Persons	3,861,657.00	4,089,586.00	4,075,664.00	4,095,664.00	4,174,597.00	4,257,821.00	4,324,891.00	4,399,912.00	4,376,506.00	3,909,592.00	3,984,582.00	4,188,216.00
Growth rate	Percent	-1.98	5.90	298.64	0.49	1.93	1.99	1.58	1.73	-0.53	-10.67	1.92	5.11
Total employment of the country, source NSO	Persons	37,952,905.00	38,324,115.00	38,216,623.00	38,077,430.00	38,016,170.00	37,692,650.00	37,458,250.00	37,864,550.00	37,613,438.00	37,680,200.00	37,751,300.00	39,221,050.00
% employment in tourism industry / total employment of the country	Percent	10.17	10.67	10.66	10.76	10.98	11.30	11.55	11.62	11.64	10.38	10.55	10.68
Gross Fixed Capital Formation (GFCF) in Tourism industry and other industry													
Gross Fixed Capital Formation (GFCF) in Tourism industry and other industry	MB	n.a.	n.a.	17,663.46	59,169.42	75,361.37	91,683.37	109,123.56	109,413.13	83,015.02	103,633.65	95,223.84	124,599.76
Growth rate	Percent				234.98	27.37	21.66	19.02	0.27	-24.13	24.84	-8.11	30.85
Total Gross Fixed Capital Formation of the country (GFCF), source NESDC	MB	2,921,293.00	3,335,697.00	3,278,326.00	3,262,778.00	3,371,069.00	3,459,901.00	3,579,177.00	3,730,869.00	3,812,385.00	3,635,368.00	3,803,228.00	4,059,703.00
% GFCF in Tourism industry and other industry/Total GFCF	Percent	n.a.	n.a.	0.54	1.81	2.24	2.65	3.05	2.93	2.18	2.85	2.50	3.07
Government expenditure													
Tourism collective consumption (Government expenditure for tourism activities)	MB	10,657.00	11,155.00	13,415.84	14,509.51	14,362.97	13,293.47	14,501.37	14,934.52	14,546.27	14,261.59	12,677.10	8,946.74
Growth rate	Percent	54.37	4.68	20.26	8.15	-1.01	-7.45	9.09	2.99	(2.60)	-1.96	-11.11	-29.43
Total collective consumption of the country (GCE), source: NESDC	MB	1,825,136.00	2,020,794.00	2,113,369.00	2,238,084.00	2,353,042.00	2,460,686.00	2,524,403.00	2,648,220.00	2,730,872.00	2,786,909.00	2,951,397.00	3,079,832.00
% Tourism collective consumption/Total GCE	Percent	0.58	0.55	0.63	0.65	0.61	0.54	0.57	0.56	0.53	0.51	0.43	0.29

Note : The data in this table was revised to enhance the calculation of the indirect gross domestic product and gross domestic product in response to new tourism revenue for greater accuracy and suitability.

This revision has been made from 2010 to present.

2. The Quarterly Thailand Tourism Satellite Account in 2022

2.1 Quarterly tourism expenditure

1) **Inbound tourism expenditure** in quarters 1 to 4 in 2022 was valued at 42,365.35 million baht, 79,874.14 million baht, 162,057.42 million baht, and 253,548.64 million baht, respectively. Considering the year-on-year (YoY) growth rate, it grew by 99.31 percent, 360.74 percent, 606.91 percent, and 516.34 percent, respectively. The key factor was the reopening of the country to foreign tourists without advance registration, which increased the number of foreign tourist arrivals.

2) **Domestic tourism expenditure** in quarters 1 to 4 in 2022 was valued at 163,150.54 million baht, 166,820.11 million baht, 170,208.47 million baht, and 216,716.60 million baht, respectively. Considering the year-on-year (YoY) growth rate, the third quarter significantly increased by 1,318.63 percent. Part of it was due to the low base factor in 2021 caused by the widespread COVID-19 pandemic crisis.

3) **Outbound tourism expenditure** represents the spending of Thais traveling abroad for tourism purposes. This expenditure consistently increased every quarter, with the first quarter valued at 3,025.09 million baht, the second quarter at 13,514.34 million baht, the third quarter at 51,435.46 million baht, and the fourth quarter at 59,085.84 million baht. It indicated that Thais have increased their traveling abroad, following the lifting of COVID-19 control measures in Thailand and other countries.

4) **Internal tourism expenditure** represents an aggregation of inbound and domestic tourism expenditure. In quarters 1 to 4, The internal tourism expenditure was valued at 205,515.89 million baht, 246,694.23 million baht, 332,265.89 million baht, and 470,265.24 million baht, respectively. Considering the year-on-year (YoY) growth rate, this expenditure rose by 86.69 percent, 358.36 percent, 851.43 percent, and 197.66 percent, respectively, mainly due to low base factor in 2021.

2.2 Quarterly productions of tourism industries

The total output at basic prices of the tourism industry in quarters 1 to 4 of 2022 was valued at 614,351.36 million baht, 702,829.78 million baht, 721,486.78 million baht, and 809,845.52 million baht, respectively. The value of output reached its peak in the fourth quarter, despite being lowest in the first quarter. Consequently, GVATI at basic prices peaked in the fourth quarter at 316,974.72 million baht and recorded the lowest value in the first quarter at 241,211.82 million baht. Furthermore, when compared to the same period of the previous year, GVATI showed continuous growth, with the highest increase occurred in the third quarter at 59.14 percent.

2.3 Quarterly Tourism Gross Domestic Product

1) **Tourism direct GDP** in quarters 1 to 4 in 2022 was 79,968.96 million baht, 93,623.22 million baht, 127,300.04 million baht, and 181,914.02 million baht, respectively. Comparing to the total GDP, compiled by NESDC, the tourism direct GDP in quarters 1 to 4 in 2022 accounted for 1.86 percent, 2.22 percent, 2.93 percent, and 4.01 percent, respectively.

2) **Tourism indirect GDP** in quarters 1 to 4 in 2022 was 125,822.19 million baht, 152,772.99 million baht, 206,836.08 million baht, and 290,583.61 million baht, respectively. Comparing to the total GDP, it accounted for 2.93 percent, 3.63 percent, 4.77 percent, 6.40 percent, respectively.

After combining the tourism direct GDP and tourism indirect GDP, the total in quarters 1 to 4 was valued at 205,791.15 million baht, 246,396.22 million baht, 334,136.11 million baht, and 472,497.63 million baht, respectively. Comparing to the total GDP, it accounted for 4.80 percent, 5.85 percent, 7.70 percent, and 10.41 percent, respectively.

2.4 Employment

Total employment of the tourism industry in quarters 1 to 4 in 2022 was registered at 4,192,486, 4,183,161, 4,161,841 and 4,215,376 persons respectively. This was highest in the fourth quarter according to the seasonality of tourism.

2.5 Tax on products and production taxes received from tourism industries

Government had received tax on products and production taxes from the tourism industry in 2022 amounting to 35,580.96 million Baht which was occurred in quarter 1 to 4 at 5,803.78, 7,010.60, 9,499.46 and 13,267.12 million baht respectively.

Table 6 Quarterly tourism indicators in 2022

Quarterly indicators in 2022	Unit	Quarter 1	Quarter 2	Quarter 3	Quarter 4	Total
Tourism Expenditure						
Internal tourism expenditure	MB	205,515.89	246,694.23	332,265.89	470,265.24	1,254,741.25
Growth rate	Percent	86.69	358.36	851.43	197.66	251.65
Inbound tourism expenditure	MB	42,365.35	79,874.12	162,057.42	253,548.64	537,845.53
Growth rate	Percent	99.31	360.74	606.91	516.34	423.94
Domestic tourism expenditure	MB	163,150.54	166,820.11	170,208.47	216,716.60	716,895.72
Growth rate	Percent	83.67	357.23	1,318.63	85.47	182.07
Outbound tourism expenditure	MB	3,025.09	13,514.34	51,435.46	59,085.84	127,060.73
Growth rate	Percent	1,551.70	3,052.69	11,744.94	14,583.72	8,672.25
Productions of Tourism industry						
Gross Output of tourism industry (at basic price)	MB	614,351.36	702,829.78	721,486.78	809,845.52	2,848,513.44
Growth rate	Percent	1.58	2.79	5.27	4.11	3.4
Gross Value Added of tourism industry, GVATI (at basic price)	MB	241,211.81	278,034.45	282,804.72	316,974.72	1,119,025.71
Growth rate	Percent	22.36	31.92	59.14	47.58	39.81
Tourism Direct Gross Value Added on Tourism industry, TDGVA	MB	77,053.27	89,960.70	121,084.15	181,700.25	469,798.38
Growth rate	Percent	98.31	376.43	857.98	221.20	270.08
Tourism Gross Domestic Product						
Gross Domestic Product of the country (Source: NESDC)	MB	4,288,136.00	4,213,542.00	4,339,243.00	4,537,094.00	17,378,015.00
Growth rate	Percent	6.05	7.57	10.46	5.51	7.35
Tourism direct gross domestic product, TDGDP	MB	79,968.96	93,623.22	127,300.04	181,914.02	482,806.24
Growth rate	Percent	91.95	362.32	838.39	200.25	254.83
% TDGDP/Total GDP	Percent	1.86	2.22	2.93	4.01	2.78
Tourism indirect gross domestic product, TIGDP	MB	125,822.19	152,772.99	206,836.08	290,583.61	776,014.87
Growth rate	Percent	86.38	358.57	848.97	198.00	252.53
% TIDGDP/Total GDP	Percent	2.93	3.63	4.77	6.40	4.47
Tourism induced gross domestic product, Induced GDP	MB	52,155.39	61,922.29	84,354.67	120,549.93	318,982.28
Growth rate	Percent	87.53	360.52	850.66	202.85	254.68
% Induced GDP/Total GDP	Percent	1.22	1.47	1.94	2.66	1.84
Total Tourism direct & indirect gross domestic product (Type I)	MB	205,791.15	246,396.22	334,136.11	472,497.63	1,258,821.11
Growth rate	Percent	88.50	359.99	844.91	198.87	253.41
% (TDGDP+TIDGDP)/Total GDP	Percent	4.80	5.85	7.70	10.41	7.24
Total Tourism direct, indirect & induced gross domestic product (Type II)	MB	257,946.54	308,318.51	418,490.78	593,047.56	1,577,803.39
Growth rate	Percent	88.31	360.09	846.06	199.67	253.66

Table 6 Quarterly tourism indicators in 2022 (continue)

Quarterly indicators in 2022	Unit	Quarter 1	Quarter 2	Quarter 3	Quarter 4	Total
% (TDGDP+TIDGDP+Induced GDP) / Total GDP	Percent	6.02	7.32	9.64	13.07	9.08
Taxes of Tourism industry						
Total taxes on products and production taxes originating by tourism	MB	5,803.78	7,010.60	9,499.46	13,267.12	35,580.96
Growth rate	Percent	88.80	355.75	850.58	202.32	255.81
Total taxes on products and production taxes originating by indirect tourism	MB	13,456.61	16,074.42	21,014.12	31,314.34	81,859.48
Growth rate	Percent	87.13	354.02	819.30	204.81	251.46
Total taxes on products and production taxes originating by tourism and related industry	MB	351,224.83	355,208.96	344,932.26	384,716.94	1,436,082.99
Growth rate	Percent	-1.43	1.41	4.77	-4.21	-0.10
Tourism Employment						
Employment in tourism industry	Persons	4,192,486	4,183,161	4,161,841	4,215,376	4,188,216
Growth rate	Percent	0.13	-0.76	11.16	11.16	5.11
Total employment of the country, source NSO	Persons	38,715,600	39,010,920	39,565,990	39,591,710	39,221,050
% employment in tourism industry / total employment of the country	Percent	10.83	10.72	10.52	10.65	10.68

3. The Regional Thailand Tourism Satellite Account in 2022

The regional Tourism Satellite Accounts, including the Northern, Southern, Eastern, Northeastern, and Central regions, in 2022 revealed noteworthy issues related to internal tourism consumption or **demand side**, as follows:

- 1) Internal tourism consumption in the Southern region indicated the highest consumption with a value of 338,708.76 million baht.
- 2) Internal tourism consumption in the Central region indicated the lowest amount of consumption with a value of 43,130.16 million baht.
- 3) Considering with the previous year, internal tourism consumption in the Southern region performed the greatest growth rate with a growth of 402.80 percent, in spite of the lowest in the Northeastern region with a growth rate of 176.85 percent.

In terms of **supply side**, when considering the value of gross value added of tourism industries (GVATI), tourism direct GDP and the linkages of the tourism industry to other sectors in each region, the noteworthy issues were as follows:

- 1) The region with the highest GVATI was the Southern region, amounting to 162,508.19 million baht.
- 2) The region with the lowest GVATI was the Central region, amounting to 24,651.14 million baht.
- 3) The Southern region was the greatest regional tourism direct GDP which was valued at 174,631.82 million baht.
- 4) The Central region was the lowest regional tourism direct GDP which was valued at 16,420.20 million baht.
- 5) The region that had the strongest economic linkages of tourism industry to other sectors was the Southern region, accounting for 33.06 percent.
- 6) The region with the least economic linkages of tourism industry to other sectors was the Northeastern region, accounting for 4.37 percent.
- 7) The region that had the highest number of total employment in tourism industry was the Northeastern region, accounting for 642,690 persons and the lowest number of total employment was the Central region, accounting for 177,430 persons.

Table 7 Regional tourism indicators in 2022

Regional tourism indicators in 2022	Unit	Northern region	Southern region	Eastern region	Northeastern region	Central region
Tourism Expenditure						
Inbound tourism expenditure	MB	5,813.60	229,824.79	9,062.67	1,113.93	1,587.90
Growth rate	Percent	360.96	531.74	391.44	365.26	427.24
Domestic tourism expenditure	MB	126,879.73	108,883.97	108,860.89	60,424.00	41,542.26
Growth rate	Percent	178.03	251.40	208.56	174.80	219.15
Outbound tourism expenditure	MB	24,681.26	19,719.13	9,709.33	20,653.73	1,180.53
Growth rate	Percent	9,396.08	8,373.69	8,527.45	4,787.30	837.67
Internal tourism expenditure	MB	132,693.33	338,708.76	117,923.56	61,537.93	43,130.16
Growth rate	Percent	182.95	402.80	217.65	176.85	223.85
Growth rate in 2019	Percent	-31.12	-58.95	-69.65	-38.30	na.
Productions of Tourism industry						
Gross output of tourism industry (at basic prices)	MB	168,771.17	289,555.91	214,112.20	152,449.40	64,798.30
Growth rate	Percent	90.79	58.15	37.78	53.50	33.14
Gross Value Added of tourism industry, GVATI (at basic price)	MB	70,771.31	162,508.19	86,499.18	61,388.46	24,651.14
Growth rate	Percent	106.55	118.91	34.29	51.64	53.76
Tourism Gross Domestic Product						
Tourism direct gross domestic product, TDGDP	MB	55,040.99	174,631.82	47,661.35	25,179.60	16,420.20
Growth rate	Percent	208.26	537.48	226.42	185.83	212.24
Growth rate, compared to 2019	Percent	-32.83	-49.85	-70.31	-41.74	na.
Tourism indirect gross domestic product, TIGDP	MB	71,848.58	175,839.68	63,644.50	33,929.23	25,340.29

Table 7 Regional tourism indicators in 2022 (continue)

Regional tourism indicators in 2022	Unit	Northern region	Southern region	Eastern region	Northeastern region	Central region
Tourism induced gross domestic product, Induced GDP	MB	40,332.87	101,974.02	35,584.79	18,523.01	12,167.93
Regional gross domestic products	MB	1,317,984.91	1,367,223.22	2,863,523.45	1,777,534.35	893,649.06
Growth rate	Percent	3.37	3.37	3.37	7.35	3.37
% TDGDP/ regional GDP	Percent	4.18	12.77	1.66	1.42	1.84
Total Tourism direct & indirect gross domestic product (Type I)	MB	126,889.57	350,471.50	111,305.85	59,108.83	41,760.49
% (TDGDP+TIDGDP)/ regional GDP	Percent	9.63	25.63	3.89	3.33	4.67
Total Tourism direct, indirect & induced gross domestic product (Type II)	MB	167,222.44	452,445.52	146,890.64	77,631.85	53,928.42
% (TDGDP+TIDGDP+Induced GDP)/ regional GDP	Percent	12.69	33.09	5.13	4.37	6.03
(TDGDP+TIDGDP+Induced GDP)/Tourism expenditure	Percent	1.26	1.34	1.25	1.26	1.25
Tourism Employment						
Total employment in tourism industry	persons	495,724	563,079	349,558	642,690	177,430

4. Thailand Tourism Satellite Account by tourism cluster in 2022

Thailand Tourism Satellite Account by 15 tourism cluster in 2022 revealed noteworthy issues related to internal tourism consumption or **demand side**, as follows:

1) The cluster with the highest internal tourism consumption was Cluster 4 (Andaman Tourism Cluster), amounting to 203,678.48 million baht, while the lowest was Cluster 10 (Old Cities Tourism Cluster), amounting to 7,024.13 million baht.

2) The cluster with the greatest amount of inbound tourism expenditure was Cluster 4 (Andaman Tourism Cluster), amounting to 143,450.72 million baht, while the lowest was Cluster 10 (Old Cities Tourism Cluster), amounting to 56.25 million baht.

3) The cluster with the highest domestic tourism expenditure was Cluster 3 (Eastern Coast Tourism Cluster) amounting to 92,364.00 million baht, while the lowest was Cluster 10 (Old Cities Tourism Cluster), which was similar to the findings in the inbound tourism spending, amounting to 6,967.88 million baht.

In terms of **supply side**, when considering the value of gross value added of tourism industries (GVATI), tourism direct GDP and the linkages of the tourism industry to other sectors in each tourism cluster, the noteworthy issues were as follows:

1) The cluster with the highest GVATI was Cluster 11 (Gulf of Thailand Tourism Cluster), amounting to 672,407.52 million baht.

2) The cluster with the lowest GVATI was Cluster 7 (Mekong River Tourism Cluster), amounting to 6,743.30 million baht.

3) The cluster with the highest tourism direct GDP was Cluster 4 (Andaman Tourism Cluster), amounting to 97,094.16 million baht.

4) The cluster with the lowest tourism direct GDP was Cluster 10 (Old Cities Tourism Cluster), amounting to 2,322.64 million baht.

5) The cluster with the strongest economic linkages of tourism industry to other sectors was Cluster 4 (Andaman Tourism Cluster), accounting for 70.53 percent.

6) The cluster with the least economic linkages of tourism industry to other sectors was Cluster 11 (Mekong River Tourism Cluster), accounting for 1.69 percent.

7) Total employment in tourism industry was found highest in Cluster 5 (Southern Isan Tourism Cluster) amounting to 295,168 persons. By contrast, it was registered lowest in Cluster 9 (South Sea Tourism Cluster) amounting to 6,421 persons.

Table 8 Tourism indicators by tourism cluster in 2022

Tourism indicators by tourism cluster in 2022	Unit	Cluster1	Cluster2	Cluster3	Cluster4	Cluster5	Cluster6	Cluster7	Cluster8
Tourism Expenditure									
Inbound tourism expenditure	MB	5,217.56	10,352.12	8,927.24	143,452.72	406.26	1,769.19	455.79	258.82
Growth rate	Percent	362.92	546.40	385.58	500.10	346.29	423.97	401.53	356.47
Domestic tourism expenditure	MB	90,021.97	43,796.99	92,364.00	60,225.76	25,820.43	27,022.16	9,855.02	15,308.25
Growth rate	Percent	178.25	126.12	207.93	246.29	173.29	214.99	154.00	165.83
Outbound tourism expenditure	MB	4,685.27	4,691.03	5,598.95	4,303.42	5,635.27	14,971.74	3,984.50	3,136.29
Growth rate	Percent	5,887.57	8,269.37	8,569.79	8,144.10	4,864.56	16,437.88	4,193.64	3,607.64
Internal tourism expenditure	MB	95,239.53	54,149.12	101,291.24	203,678.48	26,226.69	28,791.35	10,310.81	15,567.07
Growth rate	Percent	184.47	158.21	218.19	393.21	174.95	222.90	159.67	167.69
Growth rate in 2019	Percent	-35.40	-29.41	-70.37	-67.43	-38.69	-3.39	-39.96	-27.24
Productions of Tourism industry									
Gross output of tourism industry (at basic price)	MB	172,030.87	57,365.14	185,065.12	224,235.26	58,878.83	39,607.88	13,677.00	16,066.33
Growth rate	Percent	126.00	39.75	24.37	70.43	59.98	64.58	51.24	61.91
Gross Value Added of tourism industry, GVATI	MB	81,441.75	27,564.19	98,138.21	115,981.59	27,144.20	16,240.89	6,743.30	8,193.61
Growth rate	Percent	124.95	41.17	25.15	68.07	57.58	46.28	45.65	57.41
Tourism Gross Domestic Product									
Tourism direct gross domestic product, TDGDP	MB	38,204.88	22,796.51	47,535.33	97,094.16	10,702.74	10,449.28	4,078.40	6,247.05
Growth rate	Percent	181.78	146.28	211.99	384.46	172.26	179.85	157.16	166.42
Growth rate in 2019	Percent	-38.32	-35.75	-71.35	-64.68	-42.12	-23.13	-42.21	-28.53
Tourism indirect gross domestic product, TIDGDP	MB	51,772.45	30,372.69	54,569.52	103,201.70	14,253.92	16,722.76	5,672.86	8,420.99
Tourism induced gross domestic product, Induced GDP	MB	28,798.85	16,414.97	30,628.51	68,871.50	7,867.02	8,155.81	3,080.04	4,712.20
Total cluster GDP	MB	554,760.67	339,583.56	2,148,244.84	381,636.33	759,593.32	1,464,685.01	219,313.72	331,106.73
Growth rate	Percent	3.18	3.58	1.58	3.37	7.34	-5.39	7.34	3.18
% TDGDP/Total cluster GDP	Percent	6.89	6.71	2.21	25.44	1.41	0.71	1.86	1.89
Total Tourism direct & indirect gross domestic product (Type I)	MB	89,977.33	53,169.20	102,104.85	200,295.87	24,956.65	27,172.04	9,751.25	14,668.04
% (TDGDP+TIDGDP)/Total cluster GDP	Percent	16.22	15.66	4.75	52.48	3.29	1.86	4.45	4.43
Total Tourism direct, indirect & induced gross domestic product (Type II)	MB	118,776.18	69,584.17	132,733.36	269,167.36	32,823.67	35,327.85	12,831.30	19,380.24
% (TDGDP+TIDGDP+Induced GDP)/Total cluster GDP	Percent	21.41	20.49	6.18	70.53	4.32	2.41	5.85	5.85
Tourism Employment									
Total employment in Tourism Industry	persons	180,357	111,186	218,149	192,631	295,168	125,622	84,548	413,473

Table 8 Tourism indicators by tourism cluster in 2022 (continue)

Tourism indicators by tourism cluster in 2022	Unit	Cluster9	Cluster10	Cluster11	Cluster12	Cluster13	Cluster14	Cluster15
Tourism Expenditure								
Inbound tourism expenditure	MB	25,902.40	56.25	713.91	202.73	228.89	46,953.35	28,399.11
Growth rate	Percent	664.08	335.73	434.92	987.02	339.66	572.63	499.00
Domestic tourism expenditure	MB	10,694.31	6,967.88	19,943.14	22,999.00	19,724.56	30,752.09	20,796.36
Growth rate	Percent	184.94	177.98	200.45	200.51	176.49	245.44	254.90
Outbound tourism expenditure	MB	171.49	796.92	9,736.59	4,288.92	4,769.66	3,657.10	8,897.42
Growth rate	Percent	368.94	943.64	9,007.28	5,739.24	4,101.23	8,253.36	7,810.22
Internal tourism expenditure	MB	36,596.71	7,024.13	20,657.05	23,201.73	19,953.47	77,705.44	49,195.47
Growth rate	Percent	412.32	178.79	205.07	202.42	177.68	389.24	364.07
Growth rate in 2019	Percent	-56.36	na	na	na	na	na	na
Productions of Tourism industries								
Gross output of tourism industry (at basic price)	MB	76,180.58	100,560.59	1,000,589.79	161,951.19	74,318.03	96,073.48	55,498.68
Growth rate	Percent	138.95	153.43	525.77	267.85	48.37	150.83	105.82
Gross Value Added of tourism industry, GVATI	MB	35,310.87	8,193.35	672,407.52	78,414.47	34,087.54	33,742.79	14,289.76
Growth rate	Percent	135.50	98.32	679.30	221.89	36.55	70.27	51.67
Tourism Gross Domestic Product								
Tourism direct gross domestic product, TDGDP	MB	15,483.46	2,322.64	6,681.01	6,915.13	8,168.98	25,087.00	17,374.13
Growth rate	Percent	449.18	205.50	157.67	135.37	179.92	265.67	332.41
Growth rate in 2019	Percent	-59.25	na	na	na	na	na	na
Tourism indirect gross domestic product, TIDGDP	MB	11,129.78	3,918.59	11,143.96	12,758.18	10,824.53	42,952.51	27,342.06
Tourism induced gross domestic product, Induced GDP	MB	5,879.16	2,176.35	8,065.91	6,853.40	6,133.45	23,932.92	15,364.05
Total cluster GDP	MB	185,155.81	150,829.29	1,531,942.97	522,666.50	519,111.65	396,315.48	240,211.87
Growth rate	Percent	3.22	2.94	4.51	-22.25	8.02	3.09	3.27
% TDGDP/Total cluster GDP	Percent	8.36	1.54	0.44	1.32	1.57	6.33	7.23
Total Tourism direct & indirect gross domestic product (Type I)	MB	26,613.23	6,241.23	17,824.97	19,673.31	18,993.51	68,039.51	44,716.19
% (TDGDP+TIDGDP)/Total cluster GDP	Percent	14.37	4.14	1.16	3.76	3.66	17.17	18.62
Total Tourism direct, indirect & induced gross domestic product (Type II)	MB	32,492.40	8,417.58	25,890.87	26,526.71	25,126.96	91,972.43	60,080.24
% (TDGDP+TIDGDP+Induced GDP)/Total cluster GDP	Percent	17.55	5.58	1.69	5.08	4.84	23.21	25.01
Tourism Employment								
Total employment in Tourism Industry	Persons	6,421	62,017	256,463	124,390	169,088	185,339	90,261

Executive Summary

Thailand Tourism Satellite Account (TSA) 2022

Office of the Permanent Secretary, Ministry of Tourism and Sports

Note : 1) Cluster 1 (Northern Lanna Tourism Cluster) contains Chiang Rai, Chiang Mai, Phayao, Lampang and Lamphun 2) Cluster 2 (West Coast Tourism Cluster) contains Chumphon, Prachuap Khiri Khan, Phetchaburi and Ranong 3) Cluster 3 (Eastern Coast Tourism Cluster) contains Chanthaburi, Chonburi, Trat and Rayong 4) Cluster 4 (Andaman Tourism Cluster) contains Krabi, Trang, Phang Nga, Phuket and Satun 5) Cluster 5 (Southern Isan Tourism Cluster) contains Nakhon Ratchasima, Buriram, Sisaket, Surin and Ubon Ratchathani 6) Cluster 6 (Central Chao Praya Tourism Cluster) contains Sing Buri, Ang Thong, Phra Nakhon Si Ayutthaya, Pathum Thani and Nonthaburi 7) Cluster 7 (Mekong River Tourism Cluster) contains Loei, Nong Khai, Nakhon Phanom, Mukdahan and Bueng Kan 8) Cluster 8 (Cultural Heritage Tourism Cluster) contains Sukhothai, Kamphaeng Phet, Phitsanulok, and Tak 9) Cluster 9 (South Sea Tourism Cluster) contains Samui island, Phangan island, Tao island and Mu Ko Ang Thong 10) Cluster 10 (Old Cities Tourism Cluster) contains Phrae, Nan, Phayao and Uttaradit 11) Cluster 11 (Gulf of Thailand Tourism Cluster) contains Samut Prakan, Samut Songkhram, Samut Sakhon and Chachoengsao 12) Cluster 12 (Dong Phrayayen-Khao Yai World Heritage Tourism Cluster) contains Nakhon Nayok, Prachinburi, Sa Kaeo and Saraburi 13) Cluster 13 (Northeastern Geological Tourism Cluster) contains Chaiyaphum, Khon Kaen, Kalasin, Udon Thani and Nong Bua Lamphu 14) Cluster 14 (Songkhla Lake Basin Tourism Cluster) contains Songkhla, Phatthalung and Nakhon Si Thammarat 15) Cluster 15 (Southern Border Multiculture Tourism Cluster) contains Yala, Narathiwat, Pattani and Chana District, Na Thawi District, Thepha District and Saba Yoi District of Songkhla



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