

# POLICIES AND MARKET INCENTIVES IN SUPPORT OF NATURAL CAPITAL

## Output 1.2.5

Opportunistically integrate emerging NC information into the national Tourism Satellite Account (TSA)

## Output 2.2.1

Annually integrate the provincial NCAs for the tourism sector and water resources in Krabi province into the national TSA and WRSA

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THE INTEGRATION OF NATURAL CAPITAL ACCOUNTING IN  
PUBLIC AND PRIVATE SECTOR POLICY AND DECISION-MAKING  
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NATURAL  
CAPITAL

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## Contents

Acknowledge.....	i
Contents .....	ii
Figures .....	iii
Tables.....	iv
Executive Summary.....	v
Introduction of Tourism Satellite Account (TSA) .....	1
Tourism Satellite Account (TSA) of Thailand.....	1
Tourism Satellite Account at Provincial Level: TSA Krabi .....	2
Krabi Tourism Ratio .....	4
1) Krabi Inbound Tourism Expenditure by Product and Classes of Visitors .....	4
2) Krabi Domestic Tourism Expenditure by Product and Classes of Visitors.....	6
3) Krabi Outbound Tourism Expenditure by Product and Classes of Visitors .....	8
4) Internal tourism consumption by products in 2015 - 2022 in Krabi .....	8
5) Production accounts of tourism industries and other industries (at current market price) in Krabi...	10
6) Total domestic supply and internal tourism consumption.....	12
7) Employment in the tourism industries in Krabi.....	14
8) Tourism gross fixed capital formation of tourism industries and other industries .....	14
9) Tourism collective consumption by products (Government expenditure for tourism sector).....	14
10) Non monetary indicators .....	15
Linking the TSA and the SEEA .....	16
Recommendation.....	18
Conclusion .....	18
Appendix 1 Tourism Satellite Account Krabi (TSA Krabi) (Table 1 - 10) .....	19
Appendix 2 Linking the TSA and the SEEA in Water Account (2015-2021) .....	62
Reference .....	76

## Figures

Figure 1 Krabi Inbound Tourism Expenditure Ratio .....	4
Figure 2 Krabi Domestic Tourism Expenditure .....	6

## Tables

Table 1 The difference between TSA Thailand and TSA Krabi .....	3
Table 2 Inbound tourism expenditure by products and classes of visitors in 2015 in Krabi .....	5
Table 3 Domestic tourism expenditure by products and classes of visitors in 2015 in Krabi.....	7
Table 4 Internal tourism consumption by products in 2015 in Krabi .....	9
Table 5 Comparison of Tourism Characteristic Product Classification between TSA Thailand and TSA Krabi .....	10
Table 6 Production accounts of tourism industries and other industries (at current market price) in 2015 in Krabi (million baht) .....	11
Table 7 Total domestic supply and internal tourism consumption in 2015 (million baht).....	13
Table 8 Employment in the tourism industries in Krabi 2015-2021 (Person).....	14
Table 9 Tourism collective consumption by products (Government expenditure for tourism sector).....	14
Table 10 Non monetary indicators in 2015 in Krabi .....	15
Table 11 Physical Supply and Use Table for Water (Dry Season) 2015 .....	16
Table 12 Physical Supply and Use Table for Water (Wet Season) 2015 .....	17

## Executive Summary

The Tourism Satellite Account for Krabi Province (TSA Krabi) was developed to apply the Tourism Satellite Account (TSA) framework at the provincial level in order to assess the economic contribution and impact of the tourism sector on Krabi's economy. In addition, the study integrates tourism statistics with natural capital information, particularly the Water Resources Satellite Account (WRSA), to examine the relationship between tourism activities and natural resource use. This integrated approach provides an important evidence base for promoting sustainable tourism planning and policy development.

The study follows the internationally recognized TSA framework and analyzes both the tourism demand and tourism supply sides. The demand-side analysis covers the number, types, and expenditure of domestic and international visitors, while the supply-side analysis examines the Gross Provincial Product (GPP), employment, and government expenditure related to tourism. To reflect local conditions, the national TSA methodology was adapted for provincial application by utilizing available statistical data and proxy indicators to address limitations in local data availability.

TSA Krabi consists of eight accounts, compared with ten accounts in the national TSA, reflecting differences in the scope and availability of provincial data. For table 1–4, the Krabi Tourism Ratio was applied to estimate tourism expenditure within the province. In table 5, the classification of Tourism Characteristic Products was adapted to correspond with the Gross Provincial Product (GPP) classification for Krabi Province, allowing tourism-related supply data to be consistently linked with provincial economic statistics.

The TSA Krabi was subsequently linked with the Water Resources Satellite Account (WRSA) to assess water use associated with tourism activities. This integration was based on the methodology presented in Linking the Tourism Satellite Account (TSA) and the System of Environmental-Economic Accounting (SEEA): Technical Note. The resulting framework demonstrates how tourism economic activities can be connected with environmental resource use, providing a practical model for integrating economic and environmental accounting at the provincial level.

The findings illustrate the structure of Krabi's tourism industry, its contribution to the provincial economy and employment, and the relationship between tourism activities and water resource use. The study also identifies key methodological challenges in developing a provincial TSA, particularly the inconsistencies in data collection formats between national and provincial levels, which limit data comparability and integration. To address these challenges, the study recommends establishing standardized data collection frameworks and reporting formats across agencies and administrative levels. Such harmonization would strengthen the development of provincial tourism satellite accounts, facilitate their integration with natural capital accounts, and provide more robust evidence to support sustainable tourism policy and resource management in the future.



## Introduction of Tourism Satellite Account (TSA)

A TSA (Tourism Satellite Account) provides the conceptual framework and the organizational structure for integrating many types of tourism statistics with each other and with other types of economic statistics. The fundamental structure of TSA is based on the general balance existing within an economy between the demand of goods and services generated by tourism and their supply. The idea behind the construction of the TSA is to analyze in detail all the aspects of demand for goods and services which might be associated with the supply of such goods and services within the same economy of reference, and to describe how this supply interacts with other economic activities. (*Tourism Satellite Account*, 2001). TSA covers the direct contribution of tourism in the economy. It is not designed to generate the wider economic impact of tourism (*International Recommendations for Tourism Statistics 2008 Compilation Guide*, 2016)

There are many countries that adopt TSA such as Canada, France, New Zealand, Mexico, and United States of America. Canada was the first country to publish TSA which was developed by Statistics Canada in July 1994. (*Tourism Satellite Account*, 2001).

### Tourism Satellite Account (TSA) of Thailand

Thailand has been developing TSA since 2010. While the TSA was previously the responsibility of the Department of Tourism, it is now the responsibility of the Tourism and Sports Economics Division under the Office of the Permanent Secretary, Ministry of Tourism and Sports. Data analysis is crucial for the preparation of the Tourism Input-Output Table.

The format of the tables and the method of compiling or processing TSA values are based on the guidelines and methodologies of the Tourism Satellite Account: Recommended Methodological Framework, TSA:RMF 2008. This system comprises 10 statistical tables, which are sub-accounts separated from the country's national accounts. They compile data from each production sector directly related to tourism, such as accommodation, restaurants, passenger transport services, tour businesses, and services. The importance of these accounts lies in their role as macroeconomic indicators measuring the size, structure, direction, and trends of economic changes in a country's tourism sector (the Permanent Secretary, Ministry of Tourism and Sports, 2018) the TSA structure consists of 7 areas:

1. Demand side through tourism expenditure which consists of Table 1-4
2. Presenting the production value of industries providing services in tourism activities, such as the GDP of the tourism industry and the value added of tourism businesses, as shown in Table 5.
3. Total domestic supply and internal tourism consumption by products in Table 6
4. Table 7 Employment in tourism industry
5. Table 8 Tourism gross fixed capital formation of tourism industries and other industries
6. Table 9 Tourism collective consumption by product and level of government
7. Non-monetary indicators

TSA in Thailand are developed at the local level across 15 tourism development zones, covering several of the country's major tourist destinations. These zones are as follows

According to the National Tourism Policy Act B.E. 2551 (2008) and its amendments, Section 17, nine tourism development zones have been declared, comprising:

1. Lanna Civilization Tourism Development Zone; Chiang Mai, Chiang Rai, Lamphun, Lampang, Phayao
2. Eastern Seaboard Tourism Development Zone; Chonburi, Rayong, Chanthaburi, Trat
3. Southern Isaan Civilization Tourism Development Zone; Nakhon Ratchasima, Buriram, Surin, Sisaket, Ubon Ratchathani
4. Western Seaboard Tourism Development Zone; Phetchaburi, Prachuap Khiri Khan, Chumphon, Ranong

5. Andaman Tourism Development Zone; Phuket, Krabi, Phang Nga, Trang, Satun
6. World Heritage Cultural Tourism Development Zone; Tak, Kamphaeng Phet, Sukhothai, Phitsanulok
7. Mekong River Basin Lifestyle Tourism Development Zone; Loei, Nong Khai, Bueng Kan, Nakhon Phanom, Mukdahan
8. Central Chao Phraya River Basin Lifestyle Tourism Development Zone; Phra Nakhon Si Ayutthaya, Nonthaburi, Pathum Thani, Ang Thong, Sing Buri
9. Southern Islands Tourism Development Zone; Koh Samui, Koh Phangan, Koh Tao, Ang Thong Islands

And the resolution of the National Tourism Policy Committee meeting No. 3/2020 on February 3, 2020, approved the declaration of six additional tourism development zones, comprising:

10. Living Old Town Tourism Development Zone; Phrae, Nan, Phayao, Uttaradit
11. Gulf of Thailand Coastal Lifestyle Tourism Development Zone; Samut Prakan, Samut Songkhram, Samut Sakhon, Chachoengsao
12. Dong Phrayayen - Khao Yai World Heritage Forest Tourism Development Zone; Nakhon Nayok, Prachinburi, Sa Kaeo, Saraburi
13. Isaan Geological Tourism Development Zone; Chaiyaphum, Khon Kaen, Kalasin, Udon Thani, Nong Bua Lamphu
14. Songkhla Lake Basin Lifestyle Tourism Development Zone; Songkhla, Phatthalung, Nakhon Si Thammarat
15. Southern Border Multicultural Tourism Development Zone; Narathiwat, Pattani, Songkhla (Chana District, Na Thawi District, Thepha District, Saba Yoi District)

## **Tourism Satellite Account at Provincial Level: TSA Krabi**

Developing Tourism Satellite Account (TSA) within Krabi Province is a milestone step for Thailand to see how tourism sector can contribute to the economy in the province as tourism is one of the main sources of income of the province. Moreover, developing TSA at a provincial level is a big challenge due to the limitation of the data, Therefore, some parts of definition might be different from the standard TSA: RMF 2008. As a result, Krabi TSA consists of 8 accounts, while some tables might be incomplete.

The TSA Krabi consisting of demand and supply side same as TSA Thailand. However, the lack of data in provincial level obstacle to adopt TSA as defined in the manual according to UN Statistics. Therefore, each table will be calculated and use the set of data that is available at a provincial level. As shown in the table 1, there are the overall differences between TSA Thailand and TSA Krabi as the account has their own meaning and way of calculation while the details will be explained later in each table.

**Table 1 The difference between TSA Thailand and TSA Krabi**

TSA Thailand	TSA Krabi
<b>Demand side</b>	
Table 1: Inbound tourism expenditure by products and classes of visitors	Table 1: Inbound tourism expenditure by products and classes of visitors:  Use the Krabi inbound ratio, calculated by comparing the number of international tourists visiting Krabi Province with the total number of international tourists to the country.
Table 2: Domestic tourism expenditure by products, classes visitors and types of trips	Table 2: Domestic tourism expenditure by products, classes visitors and types of trips:  Use the Krabi Domestic Ratio, calculated by comparing the number of domestic tourists visiting Krabi Province with the total number of domestic tourists to the country
Table 3: Outbound tourism consumption by products and classes of visitors	No information available at provincial level
Table 4: Internal tourism consumption by products	Table 4: Internal tourism consumption by products in Krabi
<b>Supply side</b>	
Table 5: Production accounts of tourism industries and other industries (at basic prices) from Gross Domestic Product (GDP) of Tourism industry value added of tourism business	Table 5: Production accounts of tourism industries and other industries (at basic prices) from Gross Provincial Product (GPP) and classified the product character according to GPP
Table 6: Total domestic supply and internal tourism consumption (at purchasers' prices)	Table 6: Only the production account from Table 5 and internal tourism can be completed; the remaining components lack data
Table 7: Employment in tourism industry	Table 7: Employment in tourism industry in Krabi not classified in genders
Table 8: Tourism gross fixed capital formation of tourism industries and other industries	No information available at provincial level
Table 9: Tourism collective consumption by product and level of government	Table 9: Tourism collective consumption by product and level of government
Table 10: Non-monetary indicators	Table 10: Non-monetary indicators

Source: The research team

## Krabi Tourism Ratio

Since tourism data collection is available at national level derived from national account. However, data collection at the provincial level is limited, and some types of data specific to the TSA are not available, such as expenditures collected by Thai and foreign tourists which is the main tables of demand side. Therefore, the adoption of ‘Krabi Tourism Ratio’ will help to calculate the expenditure of tourists. Although this method relies on a forecast regarding the amount of expenditure, it can still provide useful insights into expenditure trends among tourists.

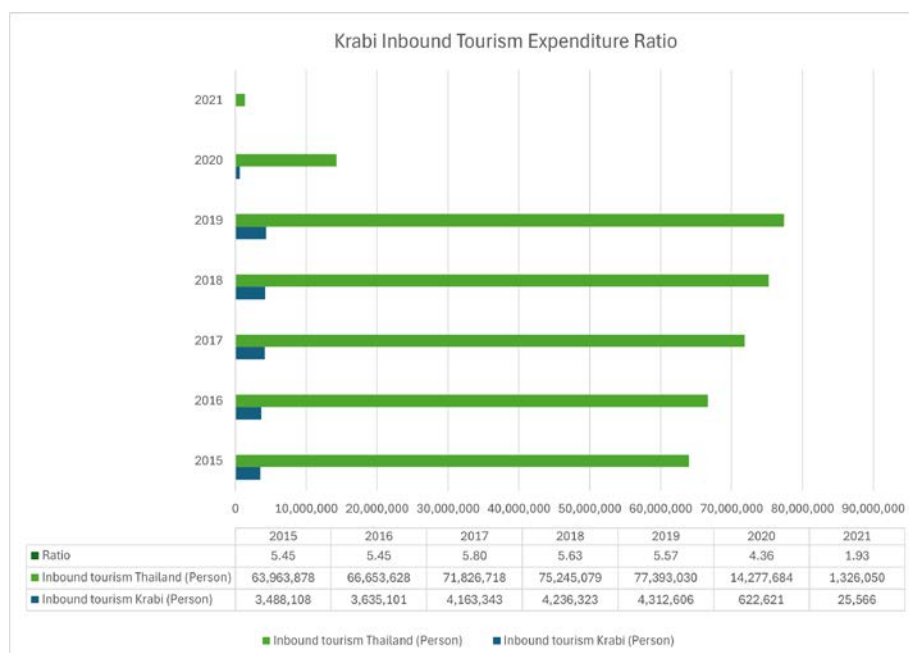
The Krabi tourist ratio is calculated by comparing the composition of tourist types at the national level with those visiting Krabi Province. This comparison is used to estimate tourist expenditures in Krabi Province, this comparison is used to estimate tourist expenditures in Krabi Province, as national-level data are the only available source for deriving a close approximation. The estimation is based on the assumption that the proportion of Thai and international tourists at the national level is strongly correlated with the number of tourists visiting Krabi Province. This relationship is demonstrated in Figures 1 and 2.

### 1) Krabi Inbound Tourism Expenditure by Product and Classes of Visitors

The definition of inbound tourism is the expenditure of foreign tourists who spend their time in Thailand. However, data on inbound tourist expenditures are not available at the provincial level. Consequently, tourism expenditure in Krabi Province is estimated using the **Krabi Inbound Ratio**, defined as the proportion of foreign tourists visiting Krabi Province relative to the total number of foreign tourists visiting Thailand. This ratio is then applied to national-level inbound tourism expenditure to approximate tourist spending in Krabi Province.

This approach serves as a proxy for identifying trends in tourist expenditure, given the absence of disaggregated expenditure data by tourist type at the provincial level in Krabi. As illustrated in Figure 1, the number of foreign tourists visiting Krabi Province closely corresponds with national inbound tourism trends over the period 2015–2021, thereby supporting the use of this ratio-based estimation method.

**Figure 1 Krabi Inbound Tourism Expenditure Ratio**



Source: The research team

**Table 2 Inbound tourism expenditure by products and classes of visitors in 2015 in Krabi**

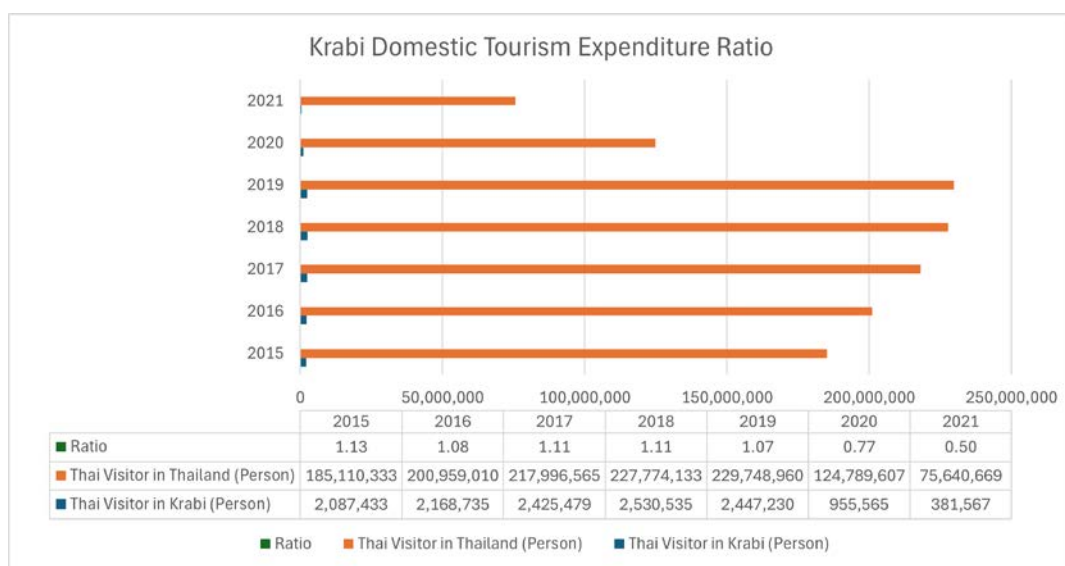
Products	2015 (Million Baht)					
	Thailand			Krabi		
A. Consumption products	Tourists	Excursionists	Visitors	Tourists	Excursionists	Visitors
				Krabi inbound ratio		5.45
<b>A.1 Tourism characteristic products</b>	<b>1,169,646.52</b>	<b>6,055.23</b>	<b>1,175,701.75</b>	<b>65149.31111</b>	<b>337.2765208</b>	<b>64075.74553</b>
1. Accommodation services for visitors	496,956.56	0.00	496,956.56	27084.1325	0	27084.1325
2. Food and beverage serving services	355,378.98	4,098.15	359,477.13	19368.15433	228.2669018	19591.50346
3. Road passenger transport services	73,291.92	533.94	73,825.85	3994.409406	29.74018611	4023.50887
4. Water passenger transport services	10,327.03	0.00	10,327.03	562.8232546	0	562.8232546
5. Air passenger transport services	68,191.44	0.00	68,191.44	3716.433305	0	3716.433305
6. Transport equipment rental services	12,202.92	92.25	12,295.17	665.0593468	5.138325	670.0869718
7. Travel agencies and other reservation services	48,321.15	64.36	48,385.51	2633.502682	3.584700053	2637.010154
8. Cultural services	2,640.00	63.94	2,703.94	143.8801924	3.561271796	147.3647402
9. Sports and recreational services	23,298.13	52.72	23,350.85	1269.748319	2.93636033	1272.621419
10. Country-specific tourism characteristic goods	59,668.90	630.45	60,299.35	3251.955198	35.11609002	3286.314747
11. Country-specific tourism characteristic services	19,369.48	519.44	19,888.92	1055.636751	28.93268563	1083.946111
<b>A.2 Other consumption products</b>	<b>316,916.27</b>	<b>2,049.51</b>	<b>318,965.78</b>	<b>17271.93649</b>	<b>114.1577182</b>	<b>17383.6348</b>
<b>Total</b>	<b>1,486,562.78</b>	<b>8,104.74</b>	<b>1,494,667.53</b>	<b>81017.67178</b>	<b>451.434239</b>	<b>81459.38032</b>

## 2) Krabi Domestic Tourism Expenditure by Product and Classes of Visitors

The definition of Domestic Tourism is the expenses of Thai tourists traveling in Thailand. However, data on domestic tourist expenditures are not available at the provincial level. Consequently, tourism expenditure in Krabi Province is estimated using the **Krabi Domestic Ratio**, defined as the proportion of Thai tourists visiting Krabi Province relative to the total number of Thai tourists visiting Thailand. This ratio is then applied to national-level domestic tourism expenditure to approximate Thai tourist spending in Krabi Province.

This approach serves as a proxy for identifying trends in tourist expenditure, given the absence of disaggregated expenditure data by tourist type at the provincial level in Krabi. As illustrated in Figure 2, the number of Thai tourists visiting Krabi Province closely corresponds with national domestic tourism trends over the period 2015–2021, thereby supporting the use of this ratio-based estimation method

**Figure 2 Krabi Domestic Tourism Expenditure**



Source: The research team

**Table 3 Domestic tourism expenditure by products and classes of visitors in 2015 in Krabi**

Products	2015 (Million Baht)					
	Thailand			Krabi		
A. Consumption products	Tourists	Excursionists	Visitors	Tourists	Excursionists	Visitors
				<b>Krabi inbound ratio</b>		<b>1.13</b>
<b>A.1 Tourism characteristic products</b>	400,061.12	46,664.24	446,725.37	4,511.37	526.22	5,037.59
1. Accommodation services for visitors	118,575.52	0.00	118,575.52	1,337.14	0.00	1,337.14
2. Food and beverage serving services	121,347.72	25,199.69	146,547.41	1,368.40	284.17	1,652.57
3. Road passenger transport services	15,693.56	3,139.00	18,832.56	176.97	35.40	212.37
4. Water passenger transport services	1,096.49	91.66	1,188.15	12.36	1.03	13.40
5. Air passenger transport services	13,670.08	134.16	13,804.24	154.15	1.51	155.67
6. Transport equipment rental services	2,932.32	42.60	2,974.92	33.07	0.48	33.55
7. Travel agencies and other reservation services	22,852.16	15.21	22,867.37	257.70	0.17	257.87
8. Cultural services	528.46	35.67	564.12	5.96	0.40	6.36
9. Sports and recreational services	6,328.53	988.00	7,316.52	71.36	11.14	82.51
10. Country-specific tourism characteristic goods	46,954.06	10,626.07	57,580.13	529.49	119.83	649.31
11. Country-specific tourism characteristic services	50,082.24	6,392.19	56,474.43	564.76	72.08	636.84
<b>A.2 Other consumption products</b>	308,581.09	47,285.51	355,866.59	3,479.78	533.22	4,013.00
<b>Total</b>	708,642.21	93,949.75	802,591.96	7,991.14	1,059.44	9,050.59

### **3) Krabi Outbound Tourism Expenditure by Product and Classes of Visitors**

The definition of outbound tourism is defined as travel by Thai residents to destinations outside the country. In the context of Krabi Province, this concept would ideally refer to travel by Krabi residents to other provinces or abroad. However, data on outbound travel disaggregated at the provincial level are not available.

Although national-level data exist on the number of Thai tourists traveling abroad, there is no corresponding dataset capturing travel by Krabi residents to other provinces or to international destinations. As a result, outbound tourism expenditure for Krabi Province cannot be directly estimated within the TSA framework.

### **4) Internal tourism consumption by products in 2015 - 2022 in Krabi**

Internal tourism consumption by product comprises both domestic tourism and inbound tourism. It refers to the consumption of tourism-related goods and services by residents and non-resident visitors within the country of reference, undertaken as part of domestic or international tourism trips.

**Table 4 Internal tourism consumption by products in 2015 in Krabi**

Products	2015 (Million Baht)					
	Thailand			Krabi		
A. Consumption products	Inbound	Domestic	Internal	Inbound	Domestic	Internal
<b>A.1 Tourism characteristic products</b>	1,175,701.75	446,725.37	1,622,427.12	64,075.75	5,037.59	69,113.33
1. Accommodation services for visitors	496,956.56	118,575.52	615,532.08	27,084.13	1,337.14	28,421.27
2. Food and beverage serving services	359,477.13	146,547.41	506,024.54	19,591.50	1,652.57	21,244.07
3. Road passenger transport services	73,825.85	18,832.56	92,658.41	4,023.51	212.37	4,235.88
4. Water passenger transport services	10,327.03	1,188.15	11,515.18	562.82	13.40	576.22
5. Air passenger transport services	68,191.44	13,804.24	81,995.68	3,716.43	155.67	3,872.10
6. Transport equipment rental services	12,295.17	2,974.92	15,270.09	670.09	33.55	703.63
7. Travel agencies and other reservation services	48,385.51	22,867.37	71,252.88	2,637.01	257.87	2,894.88
8. Cultural services	2,703.94	564.12	3,268.06	147.36	6.36	153.73
9. Sports and recreational services	23,350.85	7,316.52	30,667.38	1,272.62	82.51	1,355.13
10. Country-specific tourism characteristic goods	60,299.35	57,580.13	117,879.48	3,286.31	649.31	3,935.63
11. Country-specific tourism characteristic services	19,888.92	56,474.43	76,363.35	1,083.95	636.84	1,720.79
<b>A.2 Other consumption products</b>	318,965.78	355,866.59	674,832.37	17,383.63	4,013.00	21,396.63
<b>Total</b>	1,494,667.53	802,591.96	2,297,259.49	81,459.38	9,050.59	90,509.97

## 5) Production accounts of tourism industries and other industries (at current market price) in Krabi

The production account of the tourism and other industries processes the Tourism Satellite Account (TSA) on the supply side, showing the production of tourism services by 12 tourism industry sectors, as well as other industries that produce services consumed or spent by tourists. The classification of tourism industry production sectors is based on the TSA Thailand table to calculate and estimate the value-added components in each tourism industry sector, as well as other production sectors outside tourism, using data from the country's national accounts. The calculated value added must be shown at base prices. However, since Gross Provincial Product (GPP) data does not adequately classify production sectors into 12 Tourism characteristic products according to the TSA framework, the study uses a method of grouping production sectors based on GPP data, which can be categorized into four types: Accommodation and food service activities; Transportation and warehousing; Arts, entertainment and recreation; and Other service activities, for the preparation of TSAs at the provincial level, shown in the table 5.

**Table 5 Comparison of Tourism Characteristic Product Classification between TSA Thailand and TSA Krabi**

Tourism characteristic products	
TSA Thailand	TSA Krabi
Accommodation services for visitors	Accommodation and food service activities
Food and beverage serving services	
Transport equipment rental services	
Road passenger transport services	Transportation and storage
Water passenger transport services	
Air passenger transport services	
Cultural services	Arts, entertainment and recreation
Sports and recreational services	
Travel agencies and other reservation services	Other service activities
Country-specific tourism characteristic goods	
Country-specific tourism characteristic services	

Source: (Office of the National Economic and Social Development Council, 2025)

**Table 6 Production accounts of tourism industries and other industries (at current market price) in 2015 in Krabi (million baht)**

Products GPP Krabi Province	Tourism Industries					Other industries	Output of domestic producers (at basic Prices)
	1-	2-	3-	4-	Total		
	Accommodation and food service activities	Transportation and storage	Arts, entertainment and recreation	Other service activities			
	(5.1)	(5.2)	(5.3)	(5.4)	(5.13)	(5.14)	(5.15) = (5.13) + (5.14)
<b>A. Consumption products</b>							
<b>A.1 Tourism characteristic products</b>					<b>25,271.73</b>		<b>25,271.73</b>
Accommodation services for visitors					10,753.86		<b>10,753.86</b>
Food and beverage serving services	10,753.86						<b>14,244.50</b>
Transport equipment rental services							<b>61.42</b>
Road passenger transport services					14,244.50		<b>211.95</b>
Water passenger transport services		14,244.50					
Air passenger transport services							
Cultural services					61.42		
Sports and recreational services							
Travel agencies and other reservation services					211.95		
Country-specific tourism characteristic goods					211.95		
Country-specific tourism characteristic services							
<b>A.2 Other consumption products</b>							
- Goods products							
- Services							
(I.) Total Output (at reference year = 2002)	10,753.86	14,244.50	61.42	211.95	25,271.73		25,271.73
(II.) Total Intermediate Consumption (at purchasers' prices)							
(III. = I - II). Total Gross Value Added (at basic prices)							
III.1 Compensation of employees							
III.2 Mixed income and operating surplus							
III.3 Consumption of fixed capital							
III.4 Other taxes less subsidies on production							

## 6) Total domestic supply and internal tourism consumption

Table 6, which shows the balance between supply and demand in tourism, illustrates the correlation between demand and supply within the Tourism Satellite Account (TSA). The demand side uses Internal Tourism Consumption data, while the supply side uses data from the production accounts of the tourism industry and other industries.

The preparation of Table 6, as claimed in TSA 2008, is the heart of its development. Therefore, its incompleteness demonstrates data unavailability at the provincial level. It integrates data from Table 4, showing the total spending of both Thai and foreign tourists (demand), and Table 5, showing the production value of the tourism industry and other industries (supply).

The process of preparing Table 6 involves five main steps. However, at the provincial level, there are data limitations in some items due to the lack of direct data collection at the local level. For example, processing the values of Imports, Taxes, less subsidies on products (both domestically produced and imported), and Trade and Transport Margins, which, when combined, yield additional value for each product, presents challenges. This is then combined with the output value from Account 5 to adjust the product value.

**Table 7 Total domestic supply and internal tourism consumption in 2015 (million baht)**

Products	Output of domestic producers (at current market)	Imports	Taxes less subsidies on products nationally produced and imported	Trade and transport margins	Domestic supply (at purchasers' prices)	Internal tourism consumption	Tourism ratios (%)
	output (5.15)	Output (6.1)	output (6.2)	output (6.3)	Output (6.4)	(4.3)	(6.5)
<b>A. Consumption products</b>							
<b>A.1 Tourism characteristic products</b>	<b>25,271.73</b>	N.A.	N.A.	N.A.	N.A.	<b>69,113.33</b>	
Accommodation and food service activities	10,753.86	N.A.	N.A.	N.A.	N.A.	<b>50,368.98</b>	
Transportation and storage	14,244.50	N.A.	N.A.	N.A.	N.A.	<b>8,684.20</b>	
Arts, entertainment and recreation	61.42	N.A.	N.A.	N.A.	N.A.	<b>1,508.85</b>	
Other service activities	211.95	N.A.	N.A.	N.A.	N.A.	<b>8,551.30</b>	
<b>A.2 Other consumption products</b>							
- Goods products	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	
- Services	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	
(I.) Total Output (at basic prices)	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	
(II.) Total Intermediate Consumption (at purchasers' prices)	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	
(III. = I - II). Total Gross Value Added (at basic prices)	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	
III.1 Compensation of employees	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	
III.2 Mixed income and operating surplus	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	
III.3 Consumption of fixed capital	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	
III.4 Other taxes less subsidies on production	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	

## 7) Employment in the tourism industries in Krabi

Table 7 shows the number of employees in the tourism service industry. Employment data was obtained by classifying jobs according to the groupings provided by the Provincial Labor Office. However, this data could not be classified by gender or employment status, such as self-employed and employees, as per national standards. The Tourism Account (TSA) classification covers only 12 tourism sectors and excludes other industries. Nevertheless, because the employment data used is at the provincial level from the Krabi Provincial Labor Office, employment can be grouped to align with the tourism industry into only three main categories: Accommodation and food service activities; Transportation and storage; and Arts, entertainment, and recreation. Details of this classification are shown in Table 8.

**Table 8 Employment in the tourism industries in Krabi 2015-2021 (Person)**

Tourism industries	2015	2016	2017	2018	2019	2020	2021
Accommodation and food service activities	22,710	25,974	21,428	21,933	29,675	N.A.	19,894
Transportation and storage	4,958	2,742	5,159	6,822	5,377	N.A.	3,457
Arts, entertainment and recreation	726	564	1,168	584	1,094	N.A.	597
<b>Total employed</b>	<b>28,394</b>	<b>29,280</b>	<b>27,755</b>	<b>29,339</b>	<b>36,146</b>	N.A.	<b>23,948</b>

Source: Provincial Labour Office Krabi (2024)

## 8) Tourism gross fixed capital formation of tourism industries and other industries

Tourism gross fixed capital formation of tourism industries and other industries (table 8) shows the accumulated capital or investment, comprising buildings, machinery, equipment, vehicles, etc., that the tourism industry has invested in over a one-year period. At the provincial level, there is no data collected on investment in the tourism industry.

## 9) Tourism collective consumption by products (Government expenditure for tourism sector)

Tourism collective consumption by products and level of government represents government expenditure that promotes, supports, or facilitates the tourism business (Table 9). The codes in TSA Krabi use the Krabi Provincial budget from the Budget Bureau, specifically: Tourism promotion services (Tourism Authority of Thailand, Krabi Provincial budget), Public administrative services related to tourism affairs (Ministry of Tourism and Sports, Krabi Provincial budget), and Police and fire protection services (Royal Thai Police, Krabi Provincial budget) (Budget Bureau, 2024) which only available from 2019 to 2021.

**Table 9 Tourism collective consumption by products (Government expenditure for tourism sector)**

Products	Tourism collective consumption (THB)						
	2015	2016	2017	2018	2019	2020	2021
Tourism promotion services	N.A.	N.A.	N.A.	N.A.	1,023,700	930,700	45,000
Public administrative services related to tourism affairs	N.A.	N.A.	N.A.	N.A.	86,221,300	58,415,800	53,343,200
Police and fire protection services	N.A.	N.A.	N.A.	N.A.	37,489,000	137,000	47,316,100

Source: Budget Bureau

## 10) Non monetary indicators

Table 10. Non-monetary indicators. This data is compiled from the Office of the Permanent Secretary, Ministry of Tourism and Sports including information such as the number of foreign tourists, Thai tourists, overnight stays categorized by travel type, duration of stay, and hotel occupancy rates.

**Table 10 Non monetary indicators in 2015 in Krabi**

### a. Number of trips and overnights by forms of tourism and classes of visitors

		Tourists	Excursionists	Visitors
		(Overnight Visitors)	(Same-day Visitors)	
Inbound tourism	Person	1,907,235	1,580,873	3,488,108
Domestic tourism	Person	1,650,174	437,259	2,087,433

### b. Internal tourism: number of arrivals and overnights by modes of transport

	Number of visitors
1. Air	885,285
2. Land	2,677,024
3. Others	2,013,232
<b>Total</b>	<b>5,575,541</b>

### c. Number of rooms and capacity of accommodation

	Accommodation
	for visitors in ISIC 55
Capacity (rooms)	19,020
Person/Room (P/R)*	2.25
Occupancy Rate (%)	62.81

## Linking the TSA and the SEEA

According to the linking the TSA and the SEEA: Technical note (Linking the TSA and SEEA (UNWTO), n.d.) the first core account is a physical supply and use table for the flow of water. It contains information on the supply and use of water and provides an overview of water flows from the environment into tourism and other industries, the distribution and use of this water and the generation and treatment of waste water. It is likely that, in practice, only relatively few cells in the table will be of significance and these should form the focus of initial development.

Physical supply and use tables for water can be compiled at various levels of details, depending on the required policy and analytical focus and data availability. Of particular interest for sustainable tourism are the seasonal patterns in water use since in specific locations there will be peaks in the demand for water. Also, consistent with the advice in the SEEA Central Framework, it will be preferable for the tables to be compiled for individual catchments since the pressures on water supply will vary by location. Estimating the tourism share of the environmental flows

The TSA-SEEA Krabi water flow accounts were developed using data from the Water Resources System Analysis (WRSA), which provides information on water use across different economic sectors, including tourism, water collection, treatment and supply, Households, Flows from the Environment. The tables presented below are derived from the WRSA for Krabi Province and have been disaggregated into the dry season and wet season to capture seasonal variations in water use. All values are reported in million cubic meters (MCM).

**Table 11 Physical Supply and Use Table for Water (Dry Season) 2015**

Water Usage	Tourism industries		Water collection, treatment and supply	Households	Flows from the Environment	Total Supply
	accommodation for visitors	Service Sector				
<b>1. Source of abstracted water</b>						
Total supply abstracted water	0.01	0.10	0.34	0.27	0.00	0.72
<b>2. Water (use)</b>						
Distribution of abstracted water	0.04	0.17	0.00	0.00	0.00	0.21
Own-use of abstracted water	0.03	0.11	0.00	0.00	0.00	0.15
<b>3. Waste water and re-used water</b>						
Wastewater to treatment	0.00	0.00	0.00	0.00	0.00	0.00
Own treatment of wastewater	0.00	0.00	0.00	0.00	0.00	0.00
Re-used water produced (for distribution)	0.00	0.00	0.00	0.00	0.00	0.00
Total Wastewater and Re-used water	0.00	0.00	0.00	0.00	0.00	0.00
<b>4. Return Flows of water</b>						
Total Return flows	0.00	0.00	0.00	0.00	329.06	329.06
<b>5. Evaporation of abstracted water, transpiration and water incorporated into products</b>						
Total	0.00	0.00	0.00	0.00	1.34	1.34

<b>Total Supply</b>	0.09	0.38	0.34	0.27	330.39	331.47
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Source: The research team

**Table 12 Physical Supply and Use Table for Water (Wet Season) 2015**

Water Usage	Tourism industries		Water collection, treatment and supply	Households	Flows from the Environment	Total Supply
	accommodation for visitors	Service Sector				
<b>1. Source of abstracted water</b>						
Total supply abstracted water	0.01	0.10	0.34	0.27	0.00	0.72
<b>2. Water (use)</b>						
Distribution of abstracted water	0.03	0.17	0.00	0.00	0.00	0.21
Own-use of abstracted water	0.02	0.12	0.00	0.00	0.00	0.14
<b>3. Waste water and re-used water</b>						
Wastewater to treatment	0.00	0.00	0.00	0.00	0.00	0.00
Own treatment of wastewater	0.00	0.00	0.00	0.00	0.00	0.00
Re-used water produced (for distribution)	0.00	0.00	0.00	0.00	0.00	0.00
Total Wastewater and Re-used water	0.00	0.00	0.00	0.00	0.00	0.00
<b>4. Return Flows of water</b>						
Total Return flows	0.00	0.00	0.00	0.00	259.99	259.99
<b>5. Evaporation of abstracted water, transpiration and water incorporated into products</b>						
Total	0.00	0.00	0.00	0.00	1.14	1.14
<b>Total Supply</b>	<b>0.07</b>	<b>0.39</b>	<b>0.34</b>	<b>0.27</b>	<b>261.13</b>	<b>262.20</b>

Source: The research team

## Recommendation

**1. Data Collection:** There are gaps in the availability of data at the provincial level, with certain required information either missing or not systematically recorded.

**2. Data Format and Consistency:** The formats used for data collection are not standardized, and in some cases, the information is incomplete or partially missing, making it difficult to ensure consistency in analysis. Although the data are collected by the same agency, the format and structure have changed over time, resulting in inconsistencies and data gaps. Therefore, a standardized and consistent data collection format should be established and maintained over time to ensure comparability and reliability.

## Conclusion

The establishment of the TSA Krabi, in provincial level, aims to support evidence-based policy formulation. It serves as a tool to assess the cost-effectiveness of tourism by comparing the number of tourists with the environmental impacts generated. In addition, the TSA Krabi provides essential information to inform budget allocation decisions for tourism development and environmental management, ensuring that expenditures are aligned with the revenue generated from the tourism sector.

## Appendix 1 Tourism Satellite Account Krabi (TSA Krabi) (Table 1 - 10)

Table 1-1 Inbound tourism expenditure by products and classes of visitors in 2015 in Krabi

Products	2015 (Million Baht)					
	Thailand			Krabi		
A. Consumption products	Tourists	Excursionists	Visitors	Tourists	Excursionists	Visitors
				Krabi inbound ratio		5.45
<b>A.1 Tourism characteristic products</b>	1,169,646.52	6,055.23	1,175,701.75	65149.31111	337.2765208	64075.74553
1. Accommodation services for visitors	496,956.56	0.00	496,956.56	27084.1325	0	27084.1325
2. Food and beverage serving services	355,378.98	4,098.15	359,477.13	19368.15433	228.2669018	19591.50346
3. Road passenger transport services	73,291.92	533.94	73,825.85	3994.409406	29.74018611	4023.50887
4. Water passenger transport services	10,327.03	0.00	10,327.03	562.8232546	0	562.8232546
5. Air passenger transport services	68,191.44	0.00	68,191.44	3716.433305	0	3716.433305
6. Transport equipment rental services	12,202.92	92.25	12,295.17	665.0593468	5.138325	670.0869718
7. Travel agencies and other reservation services	48,321.15	64.36	48,385.51	2633.502682	3.584700053	2637.010154
8. Cultural services	2,640.00	63.94	2,703.94	143.8801924	3.561271796	147.3647402
9. Sports and recreational services	23,298.13	52.72	23,350.85	1269.748319	2.93636033	1272.621419
10. Country-specific tourism characteristic goods	59,668.90	630.45	60,299.35	3251.955198	35.11609002	3286.314747
11. Country-specific tourism characteristic services	19,369.48	519.44	19,888.92	1055.636751	28.93268563	1083.946111
<b>A.2 Other consumption products</b>	316,916.27	2,049.51	318,965.78	17271.93649	114.1577182	17383.6348
<b>Total</b>	1,486,562.78	8,104.74	1,494,667.53	81017.67178	451.434239	81459.38032

Table 1-1 Inbound tourism expenditure by products and classes of visitors in 2016 in Krabi

Products	2016 (Million Baht)					
	Thailand			Krabi		
A. Consumption products	Tourists	Excursionists	Visitors	Tourists	Excursionists	Visitors
				Krabi inbound ratio		5.45
<b>A.1 Tourism characteristic products</b>	1,239,021.34	7,455.70	1,246,477.04	67526.66292	406.3356416	67932.99857
1. Accommodation services for visitors	504,142.37	0.00	504,142.37	27475.75914	0	27475.75914
2. Food and beverage serving services	354,208.74	4,872.85	359,081.59	19304.37622	265.5705975	19569.94682
3. Road passenger transport services	79,589.57	641.85	80,231.42	4337.631491	34.98089912	4372.61239
4. Water passenger transport services	14,586.79	0.00	14,586.79	794.9800005	0	794.9800005
5. Air passenger transport services	78,689.33	0.00	78,689.33	4288.568597	0	4288.568597
6. Transport equipment rental services	13,667.65	101.82	13,769.47	744.886925	5.54919	750.436115
7. Travel agencies and other reservation services	54,220.30	76.35	54,296.65	2955.006078	4.161075	2959.167153
8. Cultural services	2,454.25	110.36	2,564.61	133.7564381	6.01462	139.7710581
9. Sports and recreational services	24,786.45	78.01	24,864.46	1350.861597	4.251545	1355.113142
10. Country-specific tourism characteristic goods	90,809.74	867.97	91,677.71	4949.130618	47.30463123	4996.43525
11. Country-specific tourism characteristic services	21,866.16	706.48	22,572.64	1191.70582	38.5030837	1230.208904
<b>A.2 Other consumption products</b>	444,343.27	2,931.71	447,274.99	24216.70848	159.7782034	24376.48669
<b>Total</b>	1,683,364.61	10,387.41	1,693,752.02	91743.37141	566.113845	92309.48525

Table 1- 2 Inbound tourism expenditure by products and classes of visitors in 2017 in Krabi

Products	2017 (Million Baht)					
	Thailand			Krabi		
A. Consumption products	Tourists	Excursionists	Visitors	Tourists	Excursionists	Visitors
				Krabi inbound ratio		5.80
<b>A.1 Tourism characteristic products</b>	1,347,950.99	12,191.02	1,360,142.01	78181.15747	707.0793639	78888.23684
1. Accommodation services for visitors	527,092.44	0.00	527,092.44	30571.36152	0	30571.36152
2. Food and beverage serving services	367,895.52	8,236.28	376,131.80	21337.94036	477.7040412	21815.6444
3. Road passenger transport services	80,291.04	1,535.03	81,826.08	4656.880539	89.03182457	4745.912364
4. Water passenger transport services	15,474.26	0.00	15,474.26	897.5071208	0	897.5071208
5. Air passenger transport services	92,170.87	0.00	92,170.87	5345.91046	0	5345.91046
6. Transport equipment rental services	17,054.98	104.24	17,159.22	989.1888331	6.04592	995.2347531
7. Travel agencies and other reservation services	65,917.15	128.89	66,046.03	3823.194493	7.475421483	3830.669915
8. Cultural services	2,250.78	274.69	2,525.46	130.5450727	15.93178632	146.476859
9. Sports and recreational services	25,419.78	80.04	25,499.82	1474.347069	4.64232	1478.989389
10. Country-specific tourism characteristic goods	122,548.58	1,094.33	123,642.90	7107.817398	63.47086044	7171.288258
11. Country-specific tourism characteristic services	31,835.60	737.54	32,573.13	1846.464608	42.7771899	1889.241798
<b>A.2 Other consumption products</b>	501,510.85	3,578.34	505,089.19	29087.62937	207.5436826	29295.17305
<b>Total</b>	1,849,461.84	15,769.36	1,865,231.20	107268.7868	914.6230464	108183.4099

Table 1- 3 Inbound tourism expenditure by products and classes of visitors in 2018 in Krabi

Products	2018 (Million Baht)					
	Thailand			Krabi		
A. Consumption products	Tourists	Excursionists	Visitors	Tourists	Excursionists	Visitors
				Krabi inbound ratio		5.63
<b>A.1 Tourism characteristic products</b>	1,396,785.31	12,747.48	1,409,532.79	78639.01303	717.683089	79356.69612
1. Accommodation services for visitors	534,488.95	0.00	534,488.95	30091.72789	0	30091.72789
2. Food and beverage serving services	387,871.90	8,723.30	396,595.20	21837.18782	491.1219444	22328.30976
3. Road passenger transport services	81,736.28	1,571.87	83,308.15	4601.752708	88.49640559	4690.249114
4. Water passenger transport services	15,774.98	0.00	15,774.98	888.1312694	0	888.1312694
5. Air passenger transport services	99,619.48	0.00	99,619.48	5608.576515	0	5608.576515
6. Transport equipment rental services	18,517.21	105.13	18,622.34	1042.51868	5.919065549	1048.437746
7. Travel agencies and other reservation services	72,161.61	130.69	72,292.30	4062.698374	7.357902702	4070.056277
8. Cultural services	2,183.57	278.37	2,461.94	122.9350828	15.67204876	138.6071316
9. Sports and recreational services	24,279.31	81.80	24,361.11	1366.925024	4.605389544	1371.530414
10. Country-specific tourism characteristic goods	127,567.32	1,108.89	128,676.21	7182.039936	62.43054349	7244.470479
11. Country-specific tourism characteristic services	32,584.72	747.42	33,332.14	1834.519743	42.07978895	1876.599532
<b>A.2 Other consumption products</b>	498,835.95	3,606.22	502,442.17	28084.46382	203.0303705	28287.49419
<b>Total</b>	1,895,621.26	16,353.70	1,911,974.96	106723.4769	920.7134595	107644.1903

Table 1- 4 Inbound tourism expenditure by products and classes of visitors in 2019 in Krabi

Products	2019 (Million Baht)					
	Thailand			Krabi		
A. Consumption products	Tourists	Excursionists	Visitors	Tourists	Excursionists	Visitors
				<b>Krabi inbound ratio</b>		<b>5.57</b>
<b>A.1 Tourism characteristic products</b>	1,431,327.79	5,007.94	1,436,335.73	79724.95767	278.9422691	80003.89994
1. Accommodation services for visitors	544,495.01	0.00	544,495.01	30328.37206	0	30328.37206
2. Food and beverage serving services	403,696.13	891.16	404,587.29	22485.87444	49.637612	22535.51205
3. Road passenger transport services	85,932.49	816.29	86,748.78	4786.439693	45.467353	4831.907046
4. Water passenger transport services	16,020.46	0.00	16,020.46	892.3397758	0	892.3397758
5. Air passenger transport services	97,733.29	0.00	97,733.29	5443.744253	0	5443.744253
6. Transport equipment rental services	18,800.64	93.21	18,893.85	1047.195648	5.191797	1052.387445
7. Travel agencies and other reservation services	75,886.21	75.72	75,961.93	4226.862164	4.21733664	4231.079501
8. Cultural services	2,156.21	160.89	2,317.11	120.1010837	8.96184036	129.0629241
9. Sports and recreational services	24,550.71	105.81	24,656.52	1367.474457	5.893431742	1373.367889
10. Country-specific tourism characteristic goods	129,181.79	1,897.58	131,079.37	7195.425692	105.6952171	7301.120909
11. Country-specific tourism characteristic services	32,874.84	967.28	33,842.12	1831.128403	53.87768126	1885.006084
<b>A.2 Other consumption products</b>	507,987.94	4,581.61	512,569.55	28294.92811	255.1956659	28550.12377
<b>Total</b>	1,939,315.72	9,589.55	1,948,905.27	108019.8858	534.137935	108554.0237

Table 1- 5 Inbound tourism expenditure by products and classes of visitors in 2020 in Krabi

Products	2020 (Million Baht)					
	Thailand			Krabi		
A. Consumption products	Tourists	Excursionists	Visitors	Tourists	Excursionists	Visitors
				<b>Krabi inbound ratio</b>		<b>4.36</b>
<b>A.1 Tourism characteristic products</b>	281,540.55	832.02	282,372.57	12,275.17	36.28	12,311.44
1. Accommodation services for visitors	113,741.18	0.00	113,741.18	4,959.12	0.00	4,959.12
2. Food and beverage serving services	77,574.42	177.60	77,752.02	3,382.24	7.74	3,389.99
3. Road passenger transport services	17,488.88	131.94	17,620.82	762.52	5.75	768.27
4. Water passenger transport services	759.64	0.00	759.64	33.12	0.00	33.12
5. Air passenger transport services	22,141.10	0.00	22,141.10	965.35	0.00	965.35
6. Transport equipment rental services	719.43	0.00	719.43	31.37	0.00	31.37
7. Travel agencies and other reservation services	7,214.48	8.09	7,222.57	314.55	0.35	314.90
8. Cultural services	242.35	17.19	259.54	10.57	0.75	11.32
9. Sports and recreational services	3,273.70	16.07	3,289.77	142.73	0.70	143.43
10. Country-specific tourism characteristic goods	13,008.71	334.22	13,342.93	567.18	14.57	581.75
11. Country-specific tourism characteristic services	25,376.66	146.91	25,523.57	1,106.42	6.41	1,112.83
<b>A.2 Other consumption products</b>	105,131.73	811.22	105,942.95	4,583.74	35.37	4,619.11
<b>Total</b>	386,672.28	1,643.24	388,315.52	16,858.91	71.65	16,930.56

Table 1- 6 Inbound tourism expenditure by products and classes of visitors in 2021 in Krabi

Products	2021 (Million Baht)					
	Thailand			Krabi		
A. Consumption products	Tourists	Excursionists	Visitors	Tourists	Excursionists	Visitors
				Krabi inbound ratio		1.93
<b>A.1 Tourism characteristic products</b>	88,918.01	0.00	88,918.01	1,716.12	0.00	1,716.12
1. Accommodation services for visitors	36,988.57	0.00	36,988.57	713.88	0.00	713.88
2. Food and beverage serving services	30,685.89	0.00	30,685.89	592.24	0.00	592.24
3. Road passenger transport services	1,210.58	0.00	1,210.58	23.36	0.00	23.36
4. Water passenger transport services	39.40	0.00	39.40	0.76	0.00	0.76
5. Air passenger transport services	9,724.46	0.00	9,724.46	187.68	0.00	187.68
6. Transport equipment rental services	386.57	0.00	386.57	7.46	0.00	7.46
7. Travel agencies and other reservation services	7.66	0.00	7.66	0.15	0.00	0.15
8. Cultural services	12.32	0.00	12.32	0.24	0.00	0.24
9. Sports and recreational services	1,039.60	0.00	1,039.60	20.06	0.00	20.06
10. Country-specific tourism characteristic goods	3,247.19	0.00	3,247.19	62.67	0.00	62.67
11. Country-specific tourism characteristic services	5,575.77	0.00	5,575.77	107.61	0.00	107.61
<b>A.2 Other consumption products</b>	13,710.00	0.00	13,710.00	264.60	0.00	264.60
<b>Total</b>	102,628.01	0.00	102,628.01	1,980.72	0.00	1,980.72

Table 2-1 Domestic tourism expenditure by products and classes of visitors in 2015 in Krabi

Products	2015 (Million Baht)					
	Thailand			Krabi		
A. Consumption products	Tourists	Excursionists	Visitors	Tourists	Excursionists	Visitors
				<b>Krabi inbound ratio</b>		<b>1.13</b>
<b>A.1 Tourism characteristic products</b>	400,061.12	46,664.24	446,725.37	4,511.37	526.22	5,037.59
1. Accommodation services for visitors	118,575.52	0.00	118,575.52	1,337.14	0.00	1,337.14
2. Food and beverage serving services	121,347.72	25,199.69	146,547.41	1,368.40	284.17	1,652.57
3. Road passenger transport services	15,693.56	3,139.00	18,832.56	176.97	35.40	212.37
4. Water passenger transport services	1,096.49	91.66	1,188.15	12.36	1.03	13.40
5. Air passenger transport services	13,670.08	134.16	13,804.24	154.15	1.51	155.67
6. Transport equipment rental services	2,932.32	42.60	2,974.92	33.07	0.48	33.55
7. Travel agencies and other reservation services	22,852.16	15.21	22,867.37	257.70	0.17	257.87
8. Cultural services	528.46	35.67	564.12	5.96	0.40	6.36
9. Sports and recreational services	6,328.53	988.00	7,316.52	71.36	11.14	82.51
10. Country-specific tourism characteristic goods	46,954.06	10,626.07	57,580.13	529.49	119.83	649.31
11. Country-specific tourism characteristic services	50,082.24	6,392.19	56,474.43	564.76	72.08	636.84
<b>A.2 Other consumption products</b>	308,581.09	47,285.51	355,866.59	3,479.78	533.22	4,013.00
<b>Total</b>	708,642.21	93,949.75	802,591.96	7,991.14	1,059.44	9,050.59

Table 2-2 Domestic tourism expenditure by products and classes of visitors in 2016 in Krabi

Products	2016 (Million Baht)					
	Thailand			Krabi		
A. Consumption products	Tourists	Excursionists	Visitors	Tourists	Excursionists	Visitors
				Krabi inbound ratio		1.08
<b>A.1 Tourism characteristic products</b>	508,152.68	50,851.71	559,004.39	5,483.95	548.79	6,032.73
1. Accommodation services for visitors	181,155.84	0.00	181,155.84	1,955.02	0.00	1,955.02
2. Food and beverage serving services	157,607.86	28,711.11	186,318.97	1,700.89	309.85	2,010.74
3. Road passenger transport services	19,041.26	3,794.78	22,836.03	205.49	40.95	246.44
4. Water passenger transport services	1,086.85	107.75	1,194.60	11.73	1.16	12.89
5. Air passenger transport services	15,556.04	145.54	15,701.58	167.88	1.57	169.45
6. Transport equipment rental services	3,274.28	81.56	3,355.85	35.34	0.88	72.82
7. Travel agencies and other reservation services	23,153.91	61.83	23,215.73	249.88	0.67	250.54
8. Cultural services	586.43	48.47	634.90	6.33	0.52	6.85
9. Sports and recreational services	6,784.06	1,292.01	8,076.07	73.21	13.94	87.16
10. Country-specific tourism characteristic goods	48,038.01	9,458.90	57,496.90	518.42	102.08	620.50
11. Country-specific tourism characteristic services	51,868.15	7,149.77	59,017.92	559.76	77.16	636.92
<b>A.2 Other consumption products</b>	269,793.97	57,627.30	327,421.27	2,911.60	621.91	3,533.51
<b>Total</b>	777,946.66	108,479.01	886,425.66	8,395.54	1,170.70	9,566.24

Table 2-3 Domestic tourism expenditure by products and classes of visitors in 2017 in Krabi

Products	2017 (Million Baht)					
	Thailand			Krabi		
A. Consumption products	Tourists	Excursionists	Visitors	Tourists	Excursionists	Visitors
				<b>Krabi inbound ratio</b>		<b>1.11</b>
<b>A.1 Tourism characteristic products</b>	580,960.25	57,068.74	638,029.00	6,463.89	634.96	7,098.85
1. Accommodation services for visitors	211,290.75	0.00	211,290.75	2,350.87	0.00	2,350.87
2. Food and beverage serving services	184,632.33	34,106.56	218,738.89	2,054.26	379.48	2,433.74
3. Road passenger transport services	21,078.22	4,331.94	25,410.17	234.52	48.20	282.72
4. Water passenger transport services	1,040.35	109.07	1,149.42	11.58	1.21	12.79
5. Air passenger transport services	16,930.70	167.19	17,097.89	188.37	1.86	190.23
6. Transport equipment rental services	3,380.18	81.49	3,461.67	37.61	0.91	38.52
7. Travel agencies and other reservation services	26,897.04	78.42	26,975.47	299.26	0.87	300.14
8. Cultural services	712.61	57.76	770.37	7.93	0.64	8.57
9. Sports and recreational services	6,996.63	1,437.96	8,434.59	77.85	16.00	93.85
10. Country-specific tourism characteristic goods	56,771.51	11,157.13	67,928.64	631.65	124.14	755.79
11. Country-specific tourism characteristic services	51,229.93	5,541.22	56,771.15	570.00	61.65	631.65
<b>A.2 Other consumption products</b>	285,302.49	65,649.58	350,952.08	3,174.34	730.43	3,904.77
<b>Total</b>	866,262.74	122,718.33	988,981.07	9,638.23	1,365.39	11,003.63

Table 2-4 Domestic tourism expenditure by products and classes of visitors in 2018 in Krabi

Products	2018 (Million Baht)					
	Thailand			Krabi		
A. Consumption products	Tourists	Excursionists	Visitors	Tourists	Excursionists	Visitors
				<b>Krabi inbound ratio</b>		<b>1.11</b>
<b>A.1 Tourism characteristic products</b>	626,753.28	61,875.33	688,628.61	6,963.13	687.43	7,650.56
1. Accommodation services for visitors	227,512.97	0.00	227,512.97	2,527.63	0.00	2,527.63
2. Food and beverage serving services	201,372.12	36,714.32	238,086.44	2,237.21	407.89	2,645.10
3. Road passenger transport services	22,309.55	4,668.60	26,978.15	247.86	51.87	299.72
4. Water passenger transport services	1,132.01	98.34	1,230.35	12.58	1.09	13.67
5. Air passenger transport services	18,313.29	183.46	18,496.75	203.46	2.04	205.50
6. Transport equipment rental services	3,343.72	84.63	3,428.34	37.15	0.94	38.09
7. Travel agencies and other reservation services	30,508.25	88.13	30,596.38	338.94	0.98	339.92
8. Cultural services	808.17	66.56	874.73	8.98	0.74	9.72
9. Sports and recreational services	7,026.69	1,723.87	8,750.56	78.07	19.15	97.22
10. Country-specific tourism characteristic goods	62,104.94	12,389.79	74,494.74	689.98	137.65	827.62
11. Country-specific tourism characteristic services	52,321.58	5,857.62	58,179.20	581.28	65.08	646.36
<b>A.2 Other consumption products</b>	310,254.92	71,777.26	382,032.18	3,446.88	797.43	4,244.32
<b>Total</b>	937,008.20	133,652.59	1,070,660.79	10,410.01	1,484.86	11,894.87

Table 2-5 Domestic tourism expenditure by products and classes of visitors in 2019 in Krabi

Products	2019 (Million Baht)					
	Thailand			Krabi		
A. Consumption products	Tourists	Excursionists	Visitors	Tourists	Excursionists	Visitors
				<b>Krabi inbound ratio</b>		<b>1.07</b>
<b>A.1 Tourism characteristic products</b>	628,103.80	65,574.58	693,678.37	6,690.41	698.48	7,388.89
1. Accommodation services for visitors	226,266.48	0.00	226,266.48	2,410.14	0.00	2,410.14
2. Food and beverage serving services	204,957.34	38,740.08	243,697.41	2,183.16	412.65	2,595.81
3. Road passenger transport services	20,088.32	4,570.67	24,658.99	213.98	48.69	262.66
4. Water passenger transport services	1,157.31	165.48	1,322.80	12.33	1.76	14.09
5. Air passenger transport services	16,806.52	179.05	16,985.57	179.02	1.91	180.93
6. Transport equipment rental services	3,605.28	63.59	3,668.87	38.40	0.68	39.08
7. Travel agencies and other reservation services	33,167.55	167.24	33,334.80	353.29	1.78	355.07
8. Cultural services	904.33	99.57	1,003.90	9.63	1.06	10.69
9. Sports and recreational services	7,490.20	1,884.00	9,374.20	79.78	20.07	99.85
10. Country-specific tourism characteristic goods	62,332.77	13,369.09	75,701.86	663.95	142.40	806.36
11. Country-specific tourism characteristic services	51,327.70	6,335.80	57,663.50	546.73	67.49	614.22
<b>A.2 Other consumption products</b>	315,327.02	72,089.26	387,416.29	3,358.79	767.88	4,126.66
<b>Total</b>	943,430.82	137,663.84	1,081,094.66	10,049.20	1,466.36	11,515.56

Table 2-6 Domestic tourism expenditure by products and classes of visitors in 2020 in Krabi

Products	2020 (Million Baht)					
	Thailand			Krabi		
A. Consumption products	Tourists	Excursionists	Visitors	Tourists	Excursionists	Visitors
				<b>Krabi inbound ratio</b>		<b>0.77</b>
<b>A.1 Tourism characteristic products</b>	280,776.10	33,566.01	314,342.11	2,150.02	257.03	2,407.05
1. Accommodation services for visitors	122,768.13	0.00	122,768.13	940.09	0.00	940.09
2. Food and beverage serving services	95,506.54	18,448.46	113,955.00	731.33	141.27	872.60
3. Road passenger transport services	6,640.08	3,517.05	10,157.13	50.85	26.93	77.78
4. Water passenger transport services	58.26	4.75	63.01	0.45	0.04	0.48
5. Air passenger transport services	10,082.08	327.96	10,410.04	77.20	2.51	79.71
6. Transport equipment rental services	600.28	278.75	879.03	4.60	2.13	6.73
7. Travel agencies and other reservation services	7,742.46	1,378.20	9,120.66	59.29	10.55	69.84
8. Cultural services	233.71	36.22	269.93	1.79	0.28	2.07
9. Sports and recreational services	1,946.27	730.59	2,676.86	14.90	5.59	20.50
10. Country-specific tourism characteristic goods	17,077.37	5,011.14	22,088.51	130.77	38.37	169.14
11. Country-specific tourism characteristic services	18,120.92	3,832.89	21,953.81	138.76	29.35	168.11
<b>A.2 Other consumption products</b>	153,258.36	30,842.79	184,101.15	1,173.56	236.18	1,409.74
<b>Total</b>	434,034.46	64,408.80	498,443.26	3,323.58	493.20	3,816.78

Table 2-7 Domestic tourism expenditure by products and classes of visitors in 2021 in Krabi

Products	2021 (Million Baht)					
	Thailand			Krabi		
A. Consumption products	Tourists	Excursionists	Visitors	Tourists	Excursionists	Visitors
				Krabi inbound ratio		0.50
<b>A.1 Tourism characteristic products</b>	143,144.41	21,518.87	164,663.28	722.09	108.55	830.64
1. Accommodation services for visitors	51,037.82	0.00	51,037.82	257.46	0.00	257.46
2. Food and beverage serving services	49,095.22	12,376.44	61,471.66	247.66	62.43	310.09
3. Road passenger transport services	4,486.06	2,103.03	6,589.09	22.63	10.61	33.24
4. Water passenger transport services	48.73	1.30	50.03	0.25	0.01	0.25
5. Air passenger transport services	6,307.05	141.68	6,448.73	31.82	0.71	32.53
6. Transport equipment rental services	471.91	219.80	691.71	2.38	1.11	3.49
7. Travel agencies and other reservation services	4,720.54	0.00	4,720.54	23.81	0.00	23.81
8. Cultural services	227.02	23.24	250.26	1.15	0.12	1.26
9. Sports and recreational services	1,376.27	294.68	1,670.95	6.94	1.49	8.43
10. Country-specific tourism characteristic goods	7,259.70	2,028.53	9,288.23	36.62	10.23	46.85
11. Country-specific tourism characteristic services	18,114.09	4,330.17	22,444.26	91.38	21.84	113.22
<b>A.2 Other consumption products</b>	70,323.46	19,065.27	89,388.73	354.74	96.17	450.92
<b>Total</b>	213,467.87	40,584.14	254,052.01	1,076.83	204.73	1,281.56

Table 4-1 Internal tourism consumption by products in 2015 in Krabi

Products	2015 (Million Baht)					
	Thailand			Krabi		
A. Consumption products	Inbound	Domestic	Internal	Inbound	Domestic	Internal
<b>A.1 Tourism characteristic products</b>	1,175,701.75	446,725.37	1,622,427.12	64,075.75	5,037.59	69,113.33
1. Accommodation services for visitors	496,956.56	118,575.52	615,532.08	27,084.13	1,337.14	28,421.27
2. Food and beverage serving services	359,477.13	146,547.41	506,024.54	19,591.50	1,652.57	21,244.07
3. Road passenger transport services	73,825.85	18,832.56	92,658.41	4,023.51	212.37	4,235.88
4. Water passenger transport services	10,327.03	1,188.15	11,515.18	562.82	13.40	576.22
5. Air passenger transport services	68,191.44	13,804.24	81,995.68	3,716.43	155.67	3,872.10
6. Transport equipment rental services	12,295.17	2,974.92	15,270.09	670.09	33.55	703.63
7. Travel agencies and other reservation services	48,385.51	22,867.37	71,252.88	2,637.01	257.87	2,894.88
8. Cultural services	2,703.94	564.12	3,268.06	147.36	6.36	153.73
9. Sports and recreational services	23,350.85	7,316.52	30,667.38	1,272.62	82.51	1,355.13
10. Country-specific tourism characteristic goods	60,299.35	57,580.13	117,879.48	3,286.31	649.31	3,935.63
11. Country-specific tourism characteristic services	19,888.92	56,474.43	76,363.35	1,083.95	636.84	1,720.79
<b>A.2 Other consumption products</b>	318,965.78	355,866.59	674,832.37	17,383.63	4,013.00	21,396.63
<b>Total</b>	1,494,667.53	802,591.96	2,297,259.49	81,459.38	9,050.59	90,509.97

Table 4-2 Internal tourism consumption by products in 2016 in Krabi

Products	2016 (Million Baht)					
	Thailand			Krabi		
A. Consumption products	Inbound	Domestic	Internal	Inbound	Domestic	Internal
<b>A.1 Tourism characteristic products</b>	1,246,477.04	559,004.39	1,805,481.43	67,933.00	6,069.34	74,002.34
1. Accommodation services for visitors	504,142.37	181,155.84	685,298.21	27,475.76	1,955.02	29,430.78
2. Food and beverage serving services	359,081.59	186,318.97	545,400.56	19,569.95	2,010.74	21,580.69
3. Road passenger transport services	80,231.42	22,836.03	103,067.45	4,372.61	246.44	4,619.06
4. Water passenger transport services	14,586.79	1,194.60	15,781.39	794.98	12.89	807.87
5. Air passenger transport services	78,689.33	15,701.58	94,390.91	4,288.57	169.45	4,458.02
6. Transport equipment rental services	13,769.47	3,355.85	17,125.32	750.44	72.82	823.26
7. Travel agencies and other reservation services	54,296.65	23,215.73	77,512.38	2,959.17	250.54	3,209.71
8. Cultural services	2,564.61	634.90	3,199.50	139.77	6.85	146.62
9. Sports and recreational services	24,864.46	8,076.07	32,940.53	1,355.11	87.16	1,442.27
10. Country-specific tourism characteristic goods	91,677.71	57,496.90	149,174.61	4,996.44	620.50	5,616.94
11. Country-specific tourism characteristic services	22,572.64	59,017.92	81,590.56	1,230.21	636.92	1,867.13
<b>A.2 Other consumption products</b>	447,274.99	327,421.27	774,696.26	24,376.49	3,533.51	27,909.99
<b>Total</b>	1,693,752.02	886,425.66	2,580,177.69	92,309.49	9,602.85	101,912.33

Table 4- 3 Internal tourism consumption by products in 2017 in Krabi

Products	2017 (Million Baht)					
	Thailand			Krabi		
A. Consumption products	Inbound	Domestic	Internal	Inbound	Domestic	Internal
<b>A.1 Tourism characteristic products</b>	1,360,142.01	638,029.00	1,998,171.01	78,888.24	7,098.85	85,987.09
1. Accommodation services for visitors	527,092.44	211,290.75	738,383.19	30,571.36	2,350.87	32,922.23
2. Food and beverage serving services	376,131.80	218,738.89	594,870.69	21,815.64	2,433.74	24,249.38
3. Road passenger transport services	81,826.08	25,410.17	107,236.24	4,745.91	282.72	5,028.63
4. Water passenger transport services	15,474.26	1,149.42	16,623.68	897.51	12.79	910.30
5. Air passenger transport services	92,170.87	17,097.89	109,268.76	5,345.91	190.23	5,536.15
6. Transport equipment rental services	17,159.22	3,461.67	20,620.89	995.23	38.52	1,033.75
7. Travel agencies and other reservation services	66,046.03	26,975.47	93,021.50	3,830.67	300.14	4,130.81
8. Cultural services	2,525.46	770.37	3,295.83	146.48	8.57	155.05
9. Sports and recreational services	25,499.82	8,434.59	33,934.41	1,478.99	93.85	1,572.83
10. Country-specific tourism characteristic goods	123,642.90	67,928.64	191,571.54	7,171.29	755.79	7,927.08
11. Country-specific tourism characteristic services	32,573.13	56,771.15	89,344.28	1,889.24	631.65	2,520.89
<b>A.2 Other consumption products</b>	505,089.19	350,952.08	856,041.27	29,295.17	3,904.77	33,199.95
<b>Total</b>	1,865,231.20	988,981.07	2,854,212.28	108,183.41	11,003.63	119,187.04

Table 4- 4 Internal tourism consumption by products in 2018 in Krabi

Products	2018 (Million Baht)					
	Thailand			Krabi		
A. Consumption products	Inbound	Domestic	Internal	Inbound	Domestic	Internal
<b>A.1 Tourism characteristic products</b>	1,409,532.79	688,628.61	2,098,161.40	79,356.70	7,650.56	87,007.25
1. Accommodation services for visitors	534,488.95	227,512.97	762,001.92	30,091.73	2,527.63	32,619.36
2. Food and beverage serving services	396,595.20	238,086.44	634,681.64	22,328.31	2,645.10	24,973.41
3. Road passenger transport services	83,308.15	26,978.15	110,286.30	4,690.25	299.72	4,989.97
4. Water passenger transport services	15,774.98	1,230.35	17,005.33	888.13	13.67	901.80
5. Air passenger transport services	99,619.48	18,496.75	118,116.22	5,608.58	205.50	5,814.07
6. Transport equipment rental services	18,622.34	3,428.34	22,050.68	1,048.44	38.09	1,086.53
7. Travel agencies and other reservation services	72,292.30	30,596.38	102,888.67	4,070.06	339.92	4,409.98
8. Cultural services	2,461.94	874.73	3,336.67	138.61	9.72	148.33
9. Sports and recreational services	24,361.11	8,750.56	33,111.67	1,371.53	97.22	1,468.75
10. Country-specific tourism characteristic goods	128,676.21	74,494.74	203,170.95	7,244.47	827.62	8,072.10
11. Country-specific tourism characteristic services	33,332.14	58,179.20	91,511.34	1,876.60	646.36	2,522.96
<b>A.2 Other consumption products</b>	502,442.17	382,032.18	884,474.35	28,287.49	4,244.32	32,531.81
<b>Total</b>	1,911,974.96	1,070,660.79	2,982,635.75	107,644.19	11,894.87	119,539.06

Table 4- 5 Internal tourism consumption by products in 2019 in Krabi

Products	2019 (Million Baht)					
	Thailand			Krabi		
A. Consumption products	Inbound	Domestic	Internal	Inbound	Domestic	Internal
<b>A.1 Tourism characteristic products</b>	1,436,335.73	693,678.37	2,130,014.10	80,003.90	7,388.89	87,392.79
1. Accommodation services for visitors	544,495.01	226,266.48	770,761.49	30,328.37	2,410.14	32,738.51
2. Food and beverage serving services	404,587.29	243,697.41	648,284.70	22,535.51	2,595.81	25,131.32
3. Road passenger transport services	86,748.78	24,658.99	111,407.77	4,831.91	262.66	5,094.57
4. Water passenger transport services	16,020.46	1,322.80	17,343.26	892.34	14.09	906.43
5. Air passenger transport services	97,733.29	16,985.57	114,718.86	5,443.74	180.93	5,624.67
6. Transport equipment rental services	18,893.85	3,668.87	22,562.72	1,052.39	39.08	1,091.47
7. Travel agencies and other reservation services	75,961.93	33,334.80	109,296.73	4,231.08	355.07	4,586.15
8. Cultural services	2,317.11	1,003.90	3,321.01	129.06	10.69	139.76
9. Sports and recreational services	24,656.52	9,374.20	34,030.72	1,373.37	99.85	1,473.22
10. Country-specific tourism characteristic goods	131,079.37	75,701.86	206,781.23	7,301.12	806.36	8,107.48
11. Country-specific tourism characteristic services	33,842.12	57,663.50	91,505.62	1,885.01	614.22	2,499.22
<b>A.2 Other consumption products</b>	512,569.55	387,416.29	899,985.83	28,550.12	4,126.66	32,676.79
<b>Total</b>	1,948,905.27	1,081,094.66	3,029,999.93	108,554.02	11,515.56	120,069.58

Table 4-6 Internal tourism consumption by products in 2020 in Krabi

Products	2020 (Million Baht)					
	Thailand			Krabi		
A. Consumption products	Inbound	Domestic	Internal	Inbound	Domestic	Internal
<b>A.1 Tourism characteristic products</b>	282,372.57	314,342.11	596,714.68	12,311.44	2,407.05	14,718.49
1. Accommodation services for visitors	113,741.18	122,768.13	236,509.31	4,959.12	940.09	5,899.20
2. Food and beverage serving services	77,752.02	113,955.00	191,707.02	3,389.99	872.60	4,262.59
3. Road passenger transport services	17,620.82	10,157.13	27,777.95	768.27	77.78	846.05
4. Water passenger transport services	759.64	63.01	822.65	33.12	0.48	33.60
5. Air passenger transport services	22,141.10	10,410.04	32,551.14	965.35	79.71	1,045.07
6. Transport equipment rental services	719.43	879.03	1,598.46	31.37	6.73	38.10
7. Travel agencies and other reservation services	7,222.57	9,120.66	16,343.23	314.90	69.84	384.74
8. Cultural services	259.54	269.93	529.47	11.32	2.07	13.38
9. Sports and recreational services	3,289.77	2,676.86	5,966.63	143.43	20.50	163.93
10. Country-specific tourism characteristic goods	13,342.93	22,088.51	35,431.44	581.75	169.14	750.89
11. Country-specific tourism characteristic services	25,523.57	21,953.81	47,477.38	1,112.83	168.11	1,280.94
<b>A.2 Other consumption products</b>	105,942.95	184,101.15	290,044.10	4,619.11	1,409.74	6,028.85
<b>Total</b>	388,315.52	498,443.26	886,758.78	16,930.56	3,816.78	20,747.34

Table 4-7 Internal tourism consumption by products in 2021 in Krabi

Products	2021 (Million Baht)					
	Thailand			Krabi		
A. Consumption products	Inbound	Domestic	Internal	Inbound	Domestic	Internal
<b>A.1 Tourism characteristic products</b>	88,918.01	164,663.28	253,581.29	1,716.12	830.64	2,546.76
1. Accommodation services for visitors	36,988.57	51,037.82	88,026.39	713.88	257.46	971.34
2. Food and beverage serving services	30,685.89	61,471.66	92,157.55	592.24	310.09	902.33
3. Road passenger transport services	1,210.58	6,589.09	7,799.67	23.36	33.24	56.60
4. Water passenger transport services	39.40	50.03	89.43	0.76	0.25	1.01
5. Air passenger transport services	9,724.46	6,448.73	16,173.19	187.68	32.53	220.21
6. Transport equipment rental services	386.57	691.71	1,078.28	7.46	3.49	10.95
7. Travel agencies and other reservation services	7.66	4,720.54	4,728.20	0.15	23.81	23.96
8. Cultural services	12.32	250.26	262.58	0.24	1.26	1.50
9. Sports and recreational services	1,039.60	1,670.95	2,710.55	20.06	8.43	28.49
10. Country-specific tourism characteristic goods	3,247.19	9,288.23	12,535.42	62.67	46.85	109.52
11. Country-specific tourism characteristic services	5,575.77	22,444.26	28,020.03	107.61	113.22	220.83
<b>A.2 Other consumption products</b>	13,710.00	89,388.73	103,098.73	264.60	450.92	715.52
<b>Total</b>	102,628.01	254,052.01	356,680.02	1,980.72	1,281.56	3,262.28

Table 5-1 Production accounts of tourism industries and other industries (at current market price) in 2015 in Krabi (million baht)

Products GPP Krabi Province	Tourism Industries					Other industries	Output of domestic producers (at basic Prices)
	1-	2-	3-	4-			
	Accommodation and food service activities	Transportation and storage	Arts, entertainment and recreation	Other service activities	Total		
	(5.1)	(5.2)	(5.3)	(5.4)	(5.13)	(5.14)	(5.15) = (5.13) + (5.14)
<b>A. Consumption products</b>							
<b>A.1 Tourism characteristic products</b>					<b>25,271.73</b>		<b>25,271.73</b>
Accommodation and food service activities	10,753.86				10,753.86		10,753.86
Transportation and storage		14,244.50			14,244.50		14,244.50
Arts, entertainment and recreation			61.42		61.42		61.42
Other service activities				211.95	211.95		211.95
<b>A.2 Other consumption products</b>							
- Goods products							
- Services							
(I.) Total Output (at reference year = 2002)	10,753.86	14,244.50	61.42	211.95	25,271.73		25,271.73
(II.) Total Intermediate Consumption (at purchasers' prices)							
(III. = I - II). Total Gross Value Added (at basic prices)							
III.1 Compensation of employees							
III.2 Mixed income and operating surplus							
III.3 Consumption of fixed capital							
III.4 Other taxes less subsidies on production							

Table 5-2 Production accounts of tourism industries and other industries (at current market price) in 2016 in Krabi (million baht)

Products GPP Krabi Province	Tourism Industries					Other industries	Output of domestic producers (at basic Prices)
	1-	2-	3-	4-			
	Accommodation and food service activities	Transportation and storage	Arts, entertainment and recreation	Other service activities	Total		
(5.1)	(5.2)	(5.3)	(5.4)	(5.13)	(5.14)	(5.15) = (5.13) + (5.14)	
<b>A. Consumption products</b>							
<b>A.1 Tourism characteristic products</b>					<b>27,693.81</b>		<b>27,693.81</b>
Accommodation and food service activities	12,387.74				12,387.74		12,387.74
Transportation and storage		14,990.03			14,990.03		14,990.03
Arts, entertainment and recreation			78.34		78.34		78.34
Other service activities				237.69	237.69		237.69
<b>A.2 Other consumption products</b>							
- Goods products							
- Services							
(I.) Total Output (at reference year = 2002)	12,387.74	14,990.03	78.34	237.69	27,693.81		27,693.81
(II.) Total Intermediate Consumption (at purchasers' prices)							
(III. = I - II). Total Gross Value Added (at basic prices)							
III.1 Compensation of employees							
III.2 Mixed income and operating surplus							
III.3 Consumption of fixed capital							
III.4 Other taxes less subsidies on production							

Table 5-3 Production accounts of tourism industries and other industries (at current market price) in 2017 in Krabi (million baht)

Products GPP Krabi Province	Tourism Industries					Other industries	Output of domestic producers (at basic Prices)
	1-	2-	3-	4-			
	Accommodation and food service activities	Transportation and storage	Arts, entertainment and recreation	Other service activities	Total		
	(5.1)	(5.2)	(5.3)	(5.4)	(5.13)		
<b>A. Consumption products</b>							
<b>A.1 Tourism characteristic products</b>					<b>30,512.49</b>		<b>30,512.49</b>
Accommodation and food service activities	14,743.61				14,743.61		14,743.61
Transportation and storage		15,442.63			15,442.63		15,442.63
Arts, entertainment and recreation			82.61		82.61		82.61
Other service activities				243.64	243.64		243.64
<b>A.2 Other consumption products</b>							
- Goods products							
- Services							
(I.) Total Output (at reference year = 2002)	14,743.61	15,442.63	82.61	243.64	30,512.49		30,512.49
(II.) Total Intermediate Consumption (at purchasers' prices)							
(III. = I - II). Total Gross Value Added (at basic prices)							
III.1 Compensation of employees							
III.2 Mixed income and operating surplus							
III.3 Consumption of fixed capital							
III.4 Other taxes less subsidies on production							

Table 5-4 Production accounts of tourism industries and other industries (at current market price) in 2018 in Krabi (million baht)

Products GPP Krabi Province	Tourism Industries					Other industries	Output of domestic producers (at basic Prices)
	1-	2-	3-	4-			
	Accommodation and food service activities	Transportation and storage	Arts, entertainment and recreation	Other service activities	Total		
(5.1)	(5.2)	(5.3)	(5.4)	(5.13)	(5.14)	(5.15) = (5.13) + (5.14)	
<b>A. Consumption products</b>							
<b>A.1 Tourism characteristic products</b>					<b>30,842.94</b>		<b>30,842.94</b>
Accommodation and food service activities	16,691.66				16,691.66		16,691.66
Transportation and storage		13,745.45			13,745.45		13,745.45
Arts, entertainment and recreation			90.32		90.32		90.32
Other service activities				315.52	315.52		315.52
<b>A.2 Other consumption products</b>							
- Goods products							
- Services							
(I.) Total Output (at reference year = 2002)	16,691.66	13,745.45	90.32	315.52	30,842.94		30,842.94
(II.) Total Intermediate Consumption (at purchasers' prices)							
(III. = I - II). Total Gross Value Added (at basic prices)							
III.1 Compensation of employees							
III.2 Mixed income and operating surplus							
III.3 Consumption of fixed capital							
III.4 Other taxes less subsidies on production							

Table 5-5 Production accounts of tourism industries and other industries (at current market price) in 2019 in Krabi (million baht)

	Tourism Industries					Other industries	Output of domestic producers (at basic Prices)
	1-	2-	3-	4-			
	Accommodation and food service activities	Transportation and storage	Arts, entertainment and recreation	Other service activities	Total		
	(5.1)	(5.2)	(5.3)	(5.4)	(5.13)	(5.14)	(5.15) = (5.13) + (5.14)
<b>A. Consumption products</b>							
<b>A.1 Tourism characteristic products</b>					<b>29,924.73</b>		<b>29,924.73</b>
Accommodation and food service activities	17,569.44				17,569.44		17,569.44
Transportation and storage		11,820.51			11,820.51		11,820.51
Arts, entertainment and recreation			107.25		107.25		107.25
Other service activities				427.52	427.52		427.52
<b>A.2 Other consumption products</b>							
- Goods products							
- Services							
(I.) Total Output (at reference year = 2002)	17,569.44	11,820.51	107.25	427.52	29,924.73		29,924.73
(II.) Total Intermediate Consumption (at purchasers' prices)							
(III. = I - II). Total Gross Value Added (at basic prices)							
III.1 Compensation of employees							
III.2 Mixed income and operating surplus							
III.3 Consumption of fixed capital							
III.4 Other taxes less subsidies on production							

Table 5-6 Production accounts of tourism industries and other industries (at current market price) in 2020 in Krabi (million baht)

Products GPP Krabi Province	Tourism Industries					Other industries	Output of domestic producers (at basic Prices)
	1-	2-	3-	4-	Total		
	Accommodation and food service activities	Transportation and storage	Arts, entertainment and recreation	Other service activities			
	(5.1)	(5.2)	(5.3)	(5.4)	(5.13)	(5.14)	(5.15) = (5.13) + (5.14)
<b>A. Consumption products</b>							
<b>A.1 Tourism characteristic products</b>					<b>15,550.65</b>		<b>15,550.65</b>
Accommodation and food service activities	6,452.63				6,452.63		6,452.63
Transportation and storage		8,712.23			8,712.23		8,712.23
Arts, entertainment and recreation			90.92		90.92		90.92
Other service activities				294.87	294.87		294.87
<b>A.2 Other consumption products</b>							
- Goods products							
- Services							
(I.) Total Output (at reference year = 2002)	6,452.63	8,712.23	90.92	294.87	15,550.65		15,550.65
(II.) Total Intermediate Consumption (at purchasers' prices)							
(III. = I - II). Total Gross Value Added (at basic prices)							
III.1 Compensation of employees							
III.2 Mixed income and operating surplus							
III.3 Consumption of fixed capital							
III.4 Other taxes less subsidies on production							

Table 5-7 Production accounts of tourism industries and other industries (at current market price) in 2021 in Krabi (million baht)

Products GPP Krabi Province	Tourism Industries					Other industries	Output of domestic producers (at basic Prices)
	1-	2-	3-	4-			
	Accommodation and food service activities	Transportation and storage	Arts, entertainment and recreation	Other service activities	Total		
	(5.1)	(5.2)	(5.3)	(5.4)	(5.13)		
<b>A. Consumption products</b>							
<b>A.1 Tourism characteristic products</b>					<b>11,759.10</b>		<b>11,759.10</b>
Accommodation and food service activities	2,321.51				2,321.51		2,321.51
Transportation and storage		9,113.30			9,113.30		9,113.30
Arts, entertainment and recreation			104.32		104.32		104.32
Other service activities				219.97	219.97		219.97
<b>A.2 Other consumption products</b>							
- Goods products							
- Services							
(I.) Total Output (at reference year = 2002)	2,321.51	9,113.30	104.32	219.97	11,759.10		11,759.10
(II.) Total Intermediate Consumption (at purchasers' prices)							
(III. = I - II). Total Gross Value Added (at basic prices)							
III.1 Compensation of employees							
III.2 Mixed income and operating surplus							
III.3 Consumption of fixed capital							
III.4 Other taxes less subsidies on production							

Table 6-1 Total domestic supply and internal tourism consumption in 2015 (million baht)

Products	Output of domestic producers (at current market)	Imports	Taxes less subsidies on products nationally produced and imported	Trade and transport margins	Domestic supply (at purchasers' prices)	Internal tourism consumption	Tourism ratios (%)
	output (5.15)	Output (6.1)	output (6.2)	output (6.3)	Output (6.4)	(4.3)	(6.5)
<b>A. Consumption products</b>							
<b>A.1 Tourism characteristic products</b>	<b>25,271.73</b>	N.A.	N.A.	N.A.	N.A.	<b>69,113.33</b>	
Accommodation and food service activities	10,753.86	N.A.	N.A.	N.A.	N.A.	50,368.98	
Transportation and storage	14,244.50	N.A.	N.A.	N.A.	N.A.	8,684.20	
Arts, entertainment and recreation	61.42	N.A.	N.A.	N.A.	N.A.	1,508.85	
Other service activities	211.95	N.A.	N.A.	N.A.	N.A.	8,551.30	
<b>A.2 Other consumption products</b>							
- Goods products	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	
- Services	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	
(I.) Total Output (at basic prices)	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	
(II.) Total Intermediate Consumption (at purchasers' prices)	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	
(III. = I - II). Total Gross Value Added (at basic prices)	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	
III.1 Compensation of employees	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	
III.2 Mixed income and operating surplus	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	
III.3 Consumption of fixed capital	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	
III.4 Other taxes less subsidies on production	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	

Table 6-2 Total domestic supply and internal tourism consumption in 2016 (million baht)

Products	Output of domestic producers (at current market)	Imports	Taxes less subsidies on products nationally produced and imported	Trade and transport margins	Domestic supply (at purchasers' prices)	Internal tourism consumption	Tourism ratios (%)
	output (5.15)	Output (6.1)	output (6.2)	output (6.3)	Output (6.4)	(4.3)	(6.5)
<b>A. Consumption products</b>							
<b>A.1 Tourism characteristic products</b>	<b>27,693.81</b>	N.A.	N.A.	N.A.	N.A.	<b>74,002.34</b>	
Accommodation and food service activities	12,387.74	N.A.	N.A.	N.A.	N.A.	51,834.73	
Transportation and storage	14,990.03	N.A.	N.A.	N.A.	N.A.	9,884.95	
Arts, entertainment and recreation	78.34	N.A.	N.A.	N.A.	N.A.	1,588.89	
Other service activities	237.69	N.A.	N.A.	N.A.	N.A.	10,693.77	
<b>A.2 Other consumption products</b>							
- Goods products	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	
- Services	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	
(I.) Total Output (at basic prices)	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	
(II.) Total Intermediate Consumption (at purchasers' prices)	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	
(III. = I - II). Total Gross Value Added (at basic prices)	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	
III.1 Compensation of employees	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	
III.2 Mixed income and operating surplus	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	
III.3 Consumption of fixed capital	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	
III.4 Other taxes less subsidies on production	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	

Table 6-3 Total domestic supply and internal tourism consumption in 2017 (million baht)

Products	Output of domestic producers (at current market)	Imports	Taxes less subsidies on products nationally produced and imported	Trade and transport margins	Domestic supply (at purchasers' prices)	Internal tourism consumption	Tourism ratios (%)
	output (5.15)	Output (6.1)	output (6.2)	output (6.3)	Output (6.4)	(4.3)	(6.5)
<b>A. Consumption products</b>							
<b>A.1 Tourism characteristic products</b>	<b>30,512.49</b>	N.A.	N.A.	N.A.	N.A.	<b>85,987.09</b>	
Accommodation and food service activities	14,743.61	N.A.	N.A.	N.A.	N.A.	58,205.36	
Transportation and storage	15,442.63	N.A.	N.A.	N.A.	N.A.	11,475.07	
Arts, entertainment and recreation	82.61	N.A.	N.A.	N.A.	N.A.	1,727.88	
Other service activities	243.64	N.A.	N.A.	N.A.	N.A.	14,578.77	
<b>A.2 Other consumption products</b>							
- Goods products	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	
- Services	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	
(I.) Total Output (at basic prices)	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	
(II.) Total Intermediate Consumption (at purchasers' prices)	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	
(III. = I - II). Total Gross Value Added (at basic prices)	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	
III.1 Compensation of employees	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	
III.2 Mixed income and operating surplus	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	
III.3 Consumption of fixed capital	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	
III.4 Other taxes less subsidies on production	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	

Table 6-4 Total domestic supply and internal tourism consumption in 2018 (million baht)

Products	Output of domestic producers (at current market)	Imports	Taxes less subsidies on products nationally produced and imported	Trade and transport margins	Domestic supply (at purchasers' prices)	Internal tourism consumption	Tourism ratios (%)
	output (5.15)	Output (6.1)	output (6.2)	output (6.3)	Output (6.4)	(4.3)	(6.5)
<b>A. Consumption products</b>							
<b>A.1 Tourism characteristic products</b>	<b>30,842.94</b>	N.A.	N.A.	N.A.	N.A.	<b>87,007.25</b>	
Accommodation and food service activities	16,691.66	N.A.	N.A.	N.A.	N.A.	58,679.30	
Transportation and storage	13,745.45	N.A.	N.A.	N.A.	N.A.	11,705.84	
Arts, entertainment and recreation	90.32	N.A.	N.A.	N.A.	N.A.	1,617.07	
Other service activities	315.52	N.A.	N.A.	N.A.	N.A.	15,005.03	
<b>A.2 Other consumption products</b>							
- Goods products	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	
- Services	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	
(I.) Total Output (at basic prices)	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	
(II.) Total Intermediate Consumption (at purchasers' prices)	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	
(III. = I - II). Total Gross Value Added (at basic prices)	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	
III.1 Compensation of employees	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	
III.2 Mixed income and operating surplus	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	
III.3 Consumption of fixed capital	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	
III.4 Other taxes less subsidies on production	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	

Table 6-5 Total domestic supply and internal tourism consumption in 2019 (million baht)

Products	Output of domestic producers (at current market)	Imports	Taxes less subsidies on products nationally produced and imported	Trade and transport margins	Domestic supply (at purchasers' prices)	Internal tourism consumption	Tourism ratios (%)
	output (5.15)	Output (6.1)	output (6.2)	output (6.3)	Output (6.4)	(4.3)	(6.5)
<b>A. Consumption products</b>							
<b>A.1 Tourism characteristic products</b>	<b>29,924.73</b>	N.A.	N.A.	N.A.	N.A.	<b>87,392.79</b>	
Accommodation and food service activities	17,569.44	N.A.	N.A.	N.A.	N.A.	58,961.29	
Transportation and storage	11,820.51	N.A.	N.A.	N.A.	N.A.	11,625.67	
Arts, entertainment and recreation	107.25	N.A.	N.A.	N.A.	N.A.	1,612.98	
Other service activities	427.52	N.A.	N.A.	N.A.	N.A.	15,192.86	
<b>A.2 Other consumption products</b>							
- Goods products	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	
- Services	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	
(I.) Total Output (at basic prices)	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	
(II.) Total Intermediate Consumption (at purchasers' prices)	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	
(III. = I - II). Total Gross Value Added (at basic prices)	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	
III.1 Compensation of employees	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	
III.2 Mixed income and operating surplus	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	
III.3 Consumption of fixed capital	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	
III.4 Other taxes less subsidies on production	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	

Table 6-6 Total domestic supply and internal tourism consumption in 2020 (million baht)

Products	Output of domestic producers (at current market)	Imports	Taxes less subsidies on products nationally produced and imported	Trade and transport margins	Domestic supply (at purchasers' prices)	Internal tourism consumption	Tourism ratios (%)
	output (5.15)	Output (6.1)	output (6.2)	output (6.3)	Output (6.4)	(4.3)	(6.5)
<b>A. Consumption products</b>							
<b>A.1 Tourism characteristic products</b>	<b>15,550.65</b>	N.A.	N.A.	N.A.	N.A.	<b>14,718.49</b>	
Accommodation and food service activities	6,452.63	N.A.	N.A.	N.A.	N.A.	10,199.89	
Transportation and storage	8,712.23	N.A.	N.A.	N.A.	N.A.	1,924.71	
Arts, entertainment and recreation	90.92	N.A.	N.A.	N.A.	N.A.	177.31	
Other service activities	294.87	N.A.	N.A.	N.A.	N.A.	2,416.57	
<b>A.2 Other consumption products</b>							
- Goods products	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	
- Services	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	
(I.) Total Output (at basic prices)	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	
(II.) Total Intermediate Consumption (at purchasers' prices)	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	
(III. = I - II). Total Gross Value Added (at basic prices)	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	
III.1 Compensation of employees	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	
III.2 Mixed income and operating surplus	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	
III.3 Consumption of fixed capital	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	
III.4 Other taxes less subsidies on production	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	

Table 6-7 Total domestic supply and internal tourism consumption in 2021 (million baht)

Products	Output of domestic producers (at current market)	Imports	Taxes less subsidies on products nationally produced and imported	Trade and transport margins	Domestic supply (at purchasers' prices)	Internal tourism consumption	Tourism ratios (%)
	output (5.15)	Output (6.1)	output (6.2)	output (6.3)	Output (6.4)	(4.3)	(6.5)
<b>A. Consumption products</b>							
<b>A.1 Tourism characteristic products</b>	<b>11,759.10</b>	N.A.	N.A.	N.A.	N.A.	<b>2,546.76</b>	
Accommodation and food service activities	2,321.51	N.A.	N.A.	N.A.	N.A.	1,884.62	
Transportation and storage	9,113.30	N.A.	N.A.	N.A.	N.A.	277.83	
Arts, entertainment and recreation	104.32	N.A.	N.A.	N.A.	N.A.	29.99	
Other service activities	219.97	N.A.	N.A.	N.A.	N.A.	354.32	
<b>A.2 Other consumption products</b>							
- Goods products	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	
- Services	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	
(I.) Total Output (at basic prices)	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	
(II.) Total Intermediate Consumption (at purchasers' prices)	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	
(III. = I - II). Total Gross Value Added (at basic prices)	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	
III.1 Compensation of employees	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	
III.2 Mixed income and operating surplus	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	
III.3 Consumption of fixed capital	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	
III.4 Other taxes less subsidies on production	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	

Table 7 Employment in the tourism industries in Krabi 2015-2021 (Person)

Tourism industries	2015	2016	2017	2018	2019	2020	2021
Accommodation and food service activities	22,710	25,974	21,428	21,933	29,675	N.A.	19,894
Transportation and storage	4,958	2,742	5,159	6,822	5,377	N.A.	3,457
Arts, entertainment and recreation	726	564	1,168	584	1,094	N.A.	597
<b>Total employed</b>	<b>28,394</b>	<b>29,280</b>	<b>27,755</b>	<b>29,339</b>	<b>36,146</b>	N.A.	<b>23,948</b>

Table 9 Tourism collective consumption by products (Government expenditure for tourism sector)

Products	Tourism collective consumption (THB)						
	2015	2016	2017	2018	2019	2020	2021
Tourism promotion services	N.A.	N.A.	N.A.	N.A.	1,023,700	930,700	45,000
Public administrative services related to tourism affairs	N.A.	N.A.	N.A.	N.A.	86,221,300	58,415,800	53,343,200
Police and fire protection services	N.A.	N.A.	N.A.	N.A.	37,489,000	137,000	47,316,100

Table 10-1 Non monetary indicators in 2015 in Krabi

**a. Number of trips and overnights by forms of tourism and classes of visitors**

		Tourists	Excursionists	Visitors
		(Overnight Visitors)	(Same-day Visitors)	
Inbound tourism	Person	1,907,235	1,580,873	3,488,108
Domestic tourism	Person	1,650,174	437,259	2,087,433

**b. Internal tourism: number of arrivals and overnights by modes of transport**

	Number of visitors
1. Air	885,285
2. Land	2,677,024
3. Others	2,013,232
<b>Total</b>	<b>5,575,541</b>

**c. Number of rooms and capacity of accommodation**

	Accommodation
	for visitors in ISIC 55
Capacity (rooms)	19,020
Person/Room (P/R)*	2.25
Occupancy Rate (%)	62.81

Table 10-2 Non monetary indicators in 2016 in Krabi

**a. Number of trips and overnights by forms of tourism and classes of visitors**

		Tourists	Excursionists	Visitors
		(Overnight Visitors)	(Same-day Visitors)	
Inbound tourism	Person	1,969,619	1,665,482	3,635,101
Domestic tourism	Person	1,704,016	464,719	2,168,735

**b. Internal tourism: number of arrivals and overnights by modes of transport**

	Number of visitors
1. Air	1,127,352
2. Land	2,536,503
3. Others	2,139,981
<b>Total</b>	<b>5,803,836</b>

**c. Number of rooms and capacity of accommodation**

	Accommodation
	for visitors in ISIC 55
Capacity (rooms)	18,904
Person/Room (P/R)*	2.26
Occupancy Rate (%)	65.41

Table 10-3 Non monetary indicators in 2017 in Krabi

**a. Number of trips and overnights by forms of tourism and classes of visitors**

		Tourists	Excursionists	Visitors
		(Overnight Visitors)	(Same-day Visitors)	
Inbound tourism	Person	2,229,667	1,933,676	4,163,343
Domestic tourism	Person	1,897,371	528,108	2,425,479

**b. Internal tourism: number of arrivals and overnights by modes of transport**

	Number of visitors
1. Air	1,420,427
2. Land	2,202,766
3. Others	503,845
<b>Total</b>	<b>4,127,038</b>

**c. Number of rooms and capacity of accommodation**

	Accommodation
	for visitors in ISIC 55
Capacity (rooms)	21,647
Person/Room (P/R)*	2.19
Occupancy Rate (%)	67.45

Table 10-4 Non monetary indicators in 2018 in Krabi

**a. Number of trips and overnights by forms of tourism and classes of visitors**

		Tourists	Excursionists	Visitors
		(Overnight Visitors)	(Same-day Visitors)	
Inbound tourism	Person	2,313,393	1,922,930	4,236,323
Domestic tourism	Person	1,971,226	559,309	2,530,535

**b. Internal tourism: number of arrivals and overnights by modes of transport**

	Number of visitors
1. Air	1,589,957
2. Land	2,718,728
3. Others	2,458,173
<b>Total</b>	<b>6,766,858</b>

**c. Number of rooms and capacity of accommodation**

	Accommodation
	for visitors in ISIC 55
Capacity (rooms)	21,853
Person/Room (P/R)*	2.13
Occupancy Rate (%)	69.16

Table 10-5 Non monetary indicators in 2019 in Krabi

**a. Number of trips and overnights by forms of tourism and classes of visitors**

		Tourists	Excursionists	Visitors
		(Overnight Visitors)	(Same-day Visitors)	
Inbound tourism	Person	2,400,510	1,912,096	4,312,606
Domestic tourism	Person	1,887,989	559,241	2,447,230

**b. Internal tourism: number of arrivals and overnights by modes of transport**

	Number of visitors
1. Air	1,417,441
2. Land	2,912,322
3. Others	2,430,073
<b>Total</b>	<b>6,759,836</b>

**c. Number of rooms and capacity of accommodation**

	Accommodation
	for visitors in ISIC 55
Capacity (rooms)	22,405
Person/Room (P/R)*	1.98
Occupancy Rate (%)	68.54

Table 10-6 Non monetary indicators in 2020 in Krabi

**a. Number of trips and overnights by forms of tourism and classes of visitors**

		Tourists	Excursionists	Visitors
		(Overnight Visitors)	(Same-day Visitors)	
Inbound tourism	Person	410,442	212,179	622,621
Domestic tourism	Person	718,065	237,500	955,565

**b. Internal tourism: number of arrivals and overnights by modes of transport**

	Number of visitors
1. Air	476,381
2. Land	734,221
3. Others	367,584
<b>Total</b>	<b>1,578,186</b>

**c. Number of rooms and capacity of accommodation**

	Accommodation
	for visitors in ISIC 55
Capacity (rooms)	22,405
Person/Room (P/R)*	2.14
Occupancy Rate (%)	18.26

Table 10-7 Non monetary indicators in 2021 in Krabi

**a. Number of trips and overnights by forms of tourism and classes of visitors**

		Tourists	Excursionists	Visitors
		(Overnight Visitors)	(Same-day Visitors)	
Inbound tourism	Person	21,468	4,098	25,566
Domestic tourism	Person	289,325	92,242	381,567

**b. Internal tourism: number of arrivals and overnights by modes of transport**

	Number of visitors
1. Air	126,464
2. Land	247,376
3. Others	33,293
<b>Total</b>	<b>407,133</b>

**c. Number of rooms and capacity of accommodation**

	Accommodation
	for visitors in ISIC 55
Capacity (rooms)	21,799
Person/Room (P/R)*	1.56
Occupancy Rate (%)	6.11

## Appendix 2 Linking the TSA and the SEEA in Water Account (2015-2021)

Table 1-1 SEEA and TSA (Dry Season) (2015)

Water Usage	Tourism industries		Water collection, treatment and supply	Households	Flows from the Environment	Total Supply
	accommodation for visitors	Service Sector				
<b>1. Source of abstracted water</b>						
Total supply abstracted water	0.01	0.10	0.34	0.27	0.00	0.72
<b>2. Water (use)</b>						
Distribution of abstracted water	0.04	0.17	0.00	0.00	0.00	0.21
Own-use of abstracted water	0.03	0.11	0.00	0.00	0.00	0.15
<b>3. Waste water and re-used water</b>						
Wastewater to treatment	0.00	0.00	0.00	0.00	0.00	0.00
Own treatment of wastewater	0.00	0.00	0.00	0.00	0.00	0.00
Re-used water produced (for distribution)	0.00	0.00	0.00	0.00	0.00	0.00
Total Wastewater and Re-used water	0.00	0.00	0.00	0.00	0.00	0.00
<b>4. Return Flows of water</b>						
Total Return flows	0.00	0.00	0.00	0.00	329.06	329.06
<b>5. Evaporation of abstracted water, transpiration and water incorporated into products</b>						
Total	0.00	0.00	0.00	0.00	1.34	1.34
<b>Total Supply</b>	<b>0.09</b>	<b>0.38</b>	<b>0.34</b>	<b>0.27</b>	<b>330.39</b>	<b>331.47</b>

Table 1-2 SEEA and TSA (Wet Season) (2015)

Water Usage	Tourism industries		Water collection, treatment and supply	Households	Flows from the Environment	Total Supply
	accommodation for visitors	Service Sector				
<b>1. Source of abstracted water</b>						
Total supply abstracted water	0.01	0.10	0.34	0.27	0.00	0.72
<b>2. Water (use)</b>						
Distribution of abstracted water	0.03	0.17	0.00	0.00	0.00	0.21
Own-use of abstracted water	0.02	0.12	0.00	0.00	0.00	0.14
<b>3. Waste water and re-used water</b>						
Wastewater to treatment	0.00	0.00	0.00	0.00	0.00	0.00
Own treatment of wastewater	0.00	0.00	0.00	0.00	0.00	0.00
Re-used water produced (for distribution)	0.00	0.00	0.00	0.00	0.00	0.00
Total Wastewater and Re-used water	0.00	0.00	0.00	0.00	0.00	0.00
<b>4. Return Flows of water</b>						
Total Return flows	0.00	0.00	0.00	0.00	259.99	259.99
<b>5. Evaporation of abstracted water, transpiration and water incorporated into products</b>						
Total	0.00	0.00	0.00	0.00	1.14	1.14
<b>Total Supply</b>	<b>0.07</b>	<b>0.39</b>	<b>0.34</b>	<b>0.27</b>	<b>261.13</b>	<b>262.20</b>

Table 2-1 SEEA and TSA (Dry Season) (2016)

Water Usage	Tourism industries		Water collection, treatment and supply	Households	Flows from the Environment	Total Supply
	accommodation for visitors	Service Sector				
<b>1. Source of abstracted water</b>						
Total supply abstracted water	0.01	0.10	0.00	0.00	0.00	0.11
<b>2. Water (use)</b>						
Distribution of abstracted water	0.04	0.17	0.00	0.00	0.00	0.22
Own-use of abstracted water	0.03	0.11	0.00	0.00	0.00	0.14
<b>3. Waste water and re-used water</b>						
Wastewater to treatment	0.00	0.00	0.00	0.00	0.00	0.00
Own treatment of wastewater	0.00	0.00	0.00	0.00	0.00	0.00
Re-used water produced (for distribution)	0.00	0.00	0.00	0.00	0.00	0.00
Total Wastewater and Re-used water	0.00	0.00	0.00	0.00	0.00	0.00
<b>4. Return Flows of water</b>						
Total Return flows	0.00	0.00	0.00	0.00	0.00	0.00
<b>5. Evaporation of abstracted water, transpiration and water incorporated into products</b>						
Total	0.00	0.00	0.00	0.00	0.00	0.00
<b>Total Supply</b>	<b>0.09</b>	<b>0.39</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.47</b>

Table 2-2 SEEA and TSA (Wet Season) (2016)

Water Usage	Tourism industries		Water collection, treatment and supply	Households	Flows from the Environment	Total Supply
	accommodation for visitors	Service Sector				
<b>1. Source of abstracted water</b>						
Total supply abstracted water	0.01	0.10	0.00	0.00	0.00	0.11
<b>2. Water (use)</b>						
Distribution of abstracted water	0.03	0.18	0.00	0.00	0.00	0.21
Own-use of abstracted water	0.02	0.11	0.00	0.00	0.00	0.14
<b>3. Waste water and re-used water</b>						
Wastewater to treatment	0.00	0.00	0.00	0.00	0.00	0.00
Own treatment of wastewater	0.00	0.00	0.00	0.00	0.00	0.00
Re-used water produced (for distribution)	0.00	0.00	0.00	0.00	0.00	0.00
Total Wastewater and Re-used water	0.00	0.00	0.00	0.00	0.00	0.00
<b>4. Return Flows of water</b>						
Total Return flows	0.00	0.00	0.00	0.00	0.00	0.00
<b>5. Evaporation of abstracted water, transpiration and water incorporated into products</b>						
Total	0.00	0.00	0.00	0.00	0.00	0.00
<b>Total Supply</b>	<b>0.07</b>	<b>0.39</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.46</b>

Table 3-1 SEEA and TSA (Dry Season) (2017)

Water Usage	Tourism industries		Water collection, treatment and supply	Households	Flows from the Environment	Total Supply
	accommodation for visitors	Service Sector				
<b>1. Source of abstracted water</b>						
Total supply abstracted water	0.02	0.12	0.34	0.27	0.00	0.75
<b>2. Water (use)</b>						
Distribution of abstracted water	0.04	0.18	0.00	0.00	0.00	0.22
Own-use of abstracted water	0.04	0.14	0.00	0.00	0.00	0.18
<b>3. Waste water and re-used water</b>						
Wastewater to treatment	0.00	0.00	0.00	0.00	0.00	0.00
Own treatment of wastewater	0.00	0.00	0.00	0.00	0.00	0.00
Re-used water produced (for distribution)	0.00	0.00	0.00	0.00	0.00	0.00
Total Wastewater and Re-used water	0.00	0.00	0.00	0.00	0.00	0.00
<b>4. Return Flows of water</b>						
Total Return flows	0.00	0.00	0.00	0.00	396.25	396.25
<b>5. Evaporation of abstracted water, transpiration and water incorporated into products</b>						
Total	0.00	0.00	0.00	0.00	1.59	1.59
<b>Total Supply</b>	<b>0.10</b>	<b>0.44</b>	<b>0.34</b>	<b>0.27</b>	<b>397.84</b>	<b>398.99</b>

Table 3-2 SEEA and TSA (Wet Season) (2017)

Water Usage	Tourism industries		Water collection, treatment and supply	Households	Flows from the Environment	Total Supply
	accommodation for visitors	Service Sector				
<b>1. Source of abstracted water</b>						
Total supply abstracted water	0.02	0.13	0.00	0.00	0.00	0.14
<b>2. Water (use)</b>						
Distribution of abstracted water	0.03	0.18	0.00	0.00	0.00	0.21
Own-use of abstracted water	0.03	0.14	0.00	0.00	0.00	0.17
<b>3. Waste water and re-used water</b>						
Wastewater to treatment	0.00	0.00	0.00	0.00	0.00	0.00
Own treatment of wastewater	0.00	0.00	0.00	0.00	0.00	0.00
Re-used water produced (for distribution)	0.00	0.00	0.00	0.00	0.00	0.00
Total Wastewater and Re-used water	0.00	0.00	0.00	0.00	0.00	0.00
<b>4. Return Flows of water</b>						
Total Return flows	0.00	0.00	0.00	0.00	399.39	399.39
<b>5. Evaporation of abstracted water, transpiration and water incorporated into products</b>						
Total	0.00	0.00	0.00	0.00	1.29	1.29
<b>Total Supply</b>	<b>0.08</b>	<b>0.44</b>	<b>0.00</b>	<b>0.00</b>	<b>400.68</b>	<b>401.20</b>

Table 4-1 SEEA and TSA (Dry Season) (2018)

Water Usage	Tourism industries		Water collection, treatment and supply	Households	Flows from the Environment	Total Supply
	accommodation for visitors	Service Sector				
<b>1. Source of abstracted water</b>						
Total supply abstracted water	0.02	0.20	0.34	0.27	0.00	0.83
<b>2. Water (use)</b>						
Distribution of abstracted water	0.05	0.19	0.00	1.08	0.00	1.31
Own-use of abstracted water	0.04	0.21	0.00	0.27	0.00	0.52
<b>3. Waste water and re-used water</b>						
Wastewater to treatment	0.00	0.00	0.00	0.00	0.00	0.00
Own treatment of wastewater	0.00	0.00	0.00	0.00	0.00	0.00
Re-used water produced (for distribution)	0.00	0.00	0.00	0.00	0.00	0.00
Total Wastewater and Re-used water	0.00	0.00	0.00	0.00	0.00	0.00
<b>4. Return Flows of water</b>						
Total Return flows	0.00	0.00	0.00	0.00	435.71	435.71
<b>5. Evaporation of abstracted water, transpiration and water incorporated into products</b>						
Total	0.00	0.00	0.00	0.00	1.27	1.27
<b>Total Supply</b>	<b>0.11</b>	<b>0.60</b>	<b>0.34</b>	<b>1.61</b>	<b>436.99</b>	<b>439.65</b>

Table 4-2 SEEA and TSA (Wet Season) (2018)

Water Usage	Tourism industries		Water collection, treatment and supply	Households	Flows from the Environment	Total Supply
	accommodation for visitors	Service Sector				
<b>1. Source of abstracted water</b>						
Total supply abstracted water	0.02	0.20	0.00	0.27	0.00	0.49
<b>2. Water (use)</b>						
Distribution of abstracted water	0.04	0.19	0.00	1.10	0.00	1.33
Own-use of abstracted water	0.04	0.21	0.00	0.27	0.00	0.52
<b>3. Waste water and re-used water</b>						
Wastewater to treatment	0.00	0.00	0.00	0.00	0.00	0.00
Own treatment of wastewater	0.00	0.00	0.00	0.00	0.00	0.00
Re-used water produced (for distribution)	0.00	0.00	0.00	0.00	0.00	0.00
Total Wastewater and Re-used water	0.00	0.00	0.00	0.00	0.00	0.00
<b>4. Return Flows of water</b>						
Total Return flows	0.00	0.00	0.00	0.00	329.92	329.92
<b>5. Evaporation of abstracted water, transpiration and water incorporated into products</b>						
Total	0.00	0.00	0.00	0.00	1.21	1.21
<b>Total Supply</b>	<b>0.10</b>	<b>0.60</b>	<b>0.00</b>	<b>1.63</b>	<b>331.14</b>	<b>333.47</b>

Table 5-1 SEEA and TSA (Dry Season) (2019)

Water Usage	Tourism industries		Water collection, treatment and supply	Households	Flows from the Environment	Total Supply
	accommodation for visitors	Service Sector				
<b>1. Source of abstracted water</b>						
Total supply abstracted water	0.04	0.21	0.34	0.27	0.00	0.86
<b>2. Water (use)</b>						
Distribution of abstracted water	0.05	0.20	0.00	1.05	0.00	1.30
Own-use of abstracted water	0.04	0.23	0.03	0.27	0.00	0.57
<b>3. Waste water and re-used water</b>						
Wastewater to treatment	0.00	0.00	0.00	0.00	0.00	0.00
Own treatment of wastewater	0.00	0.00	0.00	0.00	0.00	0.00
Re-used water produced (for distribution)	0.00	0.00	0.00	0.00	0.00	0.00
Total Wastewater and Re-used water	0.00	0.00	0.00	0.00	0.00	0.00
<b>4. Return Flows of water</b>						
Total Return flows	0.00	0.00	0.00	0.00	2154.44	2154.44
<b>5. Evaporation of abstracted water, transpiration and water incorporated into products</b>						
Total	0.00	0.00	0.00	0.00	1.08	1.08
<b>Total Supply</b>	<b>0.13</b>	<b>0.64</b>	<b>0.37</b>	<b>1.58</b>	<b>2155.52</b>	<b>2158.25</b>

Table 5-2 SEEA and TSA (Wet Season) (2019)

Water Usage	Tourism industries		Water collection, treatment and supply	Households	Flows from the Environment	Total Supply
	accommodation for visitors	Service Sector				
<b>1. Source of abstracted water</b>						
Total supply abstracted water	0.04	0.22	0.00	0.27	0.00	0.53
<b>2. Water (use)</b>						
Distribution of abstracted water	0.04	0.20	0.00	1.06	0.00	1.29
Own-use of abstracted water	0.04	0.24	0.00	0.27	0.00	0.54
<b>3. Waste water and re-used water</b>						
Wastewater to treatment	0.00	0.00	0.00	0.00	0.00	0.00
Own treatment of wastewater	0.00	0.00	0.00	0.00	0.00	0.00
Re-used water produced (for distribution)	0.00	0.00	0.00	0.00	0.00	0.00
Total Wastewater and Re-used water	0.00	0.00	0.00	0.00	0.00	0.00
<b>4. Return Flows of water</b>						
Total Return flows	0.00	0.00	0.00	0.00	443.03	443.03
<b>5. Evaporation of abstracted water, transpiration and water incorporated into products</b>						
Total	0.00	0.00	0.00	0.00	0.98	0.98
<b>Total Supply</b>	<b>0.12</b>	<b>0.66</b>	<b>0.00</b>	<b>1.59</b>	<b>444.01</b>	<b>446.37</b>

Table 6-1 SEEA and TSA (Dry Season) (2020)

Water Usage	Tourism industries		Water collection, treatment and supply	Households	Flows from the Environment	Total Supply
	accommodation for visitors	Service Sector				
<b>1. Source of abstracted water</b>						
Total supply abstracted water	0.04	0.26	0.34	0.27	0.00	0.90
<b>2. Water (use)</b>						
Distribution of abstracted water	0.23	0.03	0.00	1.09	0.00	1.35
Own-use of abstracted water	0.03	0.27	0.03	0.27	0.00	0.60
<b>3. Waste water and re-used water</b>						
Wastewater to treatment	0.00	0.00	0.00	0.00	0.00	0.00
Own treatment of wastewater	0.00	0.00	0.00	0.00	0.00	0.00
Re-used water produced (for distribution)	0.00	0.00	0.00	0.00	0.00	0.00
Total Wastewater and Re-used water	0.00	0.00	0.00	0.00	0.00	0.00
<b>4. Return Flows of water</b>						
Total Return flows	0.00	0.00	0.00	0.00	562.89	562.89
<b>5. Evaporation of abstracted water, transpiration and water incorporated into products</b>						
Total	0.00	0.00	0.00	0.00	0.75	0.75
<b>Total Supply</b>	<b>0.29</b>	<b>0.56</b>	<b>0.37</b>	<b>1.63</b>	<b>563.64</b>	<b>566.49</b>

Table 6-2 SEEA and TSA (Wet Season) (2020)

Water Usage	Tourism industries		Water collection, treatment and supply	Households	Flows from the Environment	Total Supply
	accommodation for visitors	Service Sector				
<b>1. Source of abstracted water</b>						
Total supply abstracted water	0.01	0.28	0.00	0.27	0.00	0.56
<b>2. Water (use)</b>						
Distribution of abstracted water	0.01	0.21	0.00	1.03	0.00	0.22
Own-use of abstracted water	0.30	0.01	0.03	0.27	0.00	0.61
<b>3. Waste water and re-used water</b>						
Wastewater to treatment	0.00	0.00	0.00	0.00	0.00	0.00
Own treatment of wastewater	0.00	0.00	0.00	0.00	0.00	0.00
Re-used water produced (for distribution)	0.00	0.00	0.00	0.00	0.00	0.00
Total Wastewater and Re-used water	0.00	0.00	0.00	0.00	0.00	0.00
<b>4. Return Flows of water</b>						
Total Return flows	0.00	0.00	0.00	0.00	285.43	285.43
<b>5. Evaporation of abstracted water, transpiration and water incorporated into products</b>						
Total	0.00	0.00	0.00	0.00	0.66	0.66
<b>Total Supply</b>	<b>0.33</b>	<b>0.50</b>	<b>0.03</b>	<b>0.53</b>	<b>286.09</b>	<b>287.48</b>

Table 7-1 SEEA and TSA (Dry Season) (2021)

Water Usage	Tourism industries		Water collection, treatment and supply	Households	Flows from the Environment	Total Supply
	accommodation for visitors	Service Sector				
<b>1. Source of abstracted water</b>						
Total supply abstracted water	0.02	0.29	0.34	0.27	0.00	0.92
<b>2. Water (use)</b>						
Distribution of abstracted water	0.02	0.21	0.00	1.02	0.00	1.24
Own-use of abstracted water	0.02	0.31	0.02	0.27	0.00	0.62
<b>3. Waste water and re-used water</b>						
Wastewater to treatment	0.00	0.00	0.00	0.00	0.00	0.00
Own treatment of wastewater	0.00	0.00	0.00	0.00	0.00	0.00
Re-used water produced (for distribution)	0.00	0.00	0.00	0.00	0.00	0.00
Total Wastewater and Re-used water	0.00	0.00	0.00	0.00	0.00	0.00
<b>4. Return Flows of water</b>						
Total Return flows	0.00	0.00	0.00	0.00	426.76	426.76
<b>5. Evaporation of abstracted water, transpiration and water incorporated into products</b>						
Total	0.00	0.00	0.00	0.00	1.07	1.07
<b>Total Supply</b>	<b>0.06</b>	<b>0.81</b>	<b>0.36</b>	<b>1.55</b>	<b>427.83</b>	<b>430.61</b>

Table 7-2 SEEA and TSA (Wet Season) (2021)

Water Usage	Tourism industries		Water collection, treatment and supply	Households	Flows from the Environment	Total Supply
	accommodation for visitors	Service Sector				
<b>1. Source of abstracted water</b>						
Total supply abstracted water	0.01	0.30	0.34	0.27	0.00	0.92
<b>2. Water (use)</b>						
Distribution of abstracted water	0.01	0.19	0.00	0.97	0.00	1.17
Own-use of abstracted water	0.01	0.32	0.02	0.27	0.00	0.62
<b>3. Waste water and re-used water</b>						
Wastewater to treatment	0.00	0.00	0.00	0.00	0.00	0.00
Own treatment of wastewater	0.00	0.00	0.00	0.00	0.00	0.00
Re-used water produced (for distribution)	0.00	0.00	0.00	0.00	0.00	0.00
Total Wastewater and Re-used water	0.00	0.00	0.00	0.00	0.00	0.00
<b>4. Return Flows of water</b>						
Total Return flows	0.00	0.00	0.00	0.00	279.39	279.39
<b>5. Evaporation of abstracted water, transpiration and water incorporated into products</b>						
Total	0.00	0.00	0.00	0.00	0.71	0.71
<b>Total Supply</b>	<b>0.04</b>	<b>0.81</b>	<b>0.36</b>	<b>1.51</b>	<b>280.09</b>	<b>282.80</b>

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