Approved by the order of the Chairman of the Committee on Statistics of the Ministry of National Economy of the Republic of Kazakhstan

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no. 54

**Methodology for the formation of the Tourism Satellite Account and calculations of the main indicators of the tourism industry**

**Chapter 1. General provisions**

1. This Methodology for the formation of the Satellite Account of Tourism and the calculation of the main indicators of the tourism industry (hereinafter - the Methodology) refers to a statistical methodology formed in accordance with international standards and approved in accordance with the Law of the Republic of Kazakhstan dated March 19, 2010 "On State Statistics" (hereinafter - Law).
2. The methodology is applied by the Committee on Statistics of the Ministry of National Economy of the Republic of Kazakhstan in the formation of the Satellite Account of Tourism and the calculation of the main indicators of the tourism industry.
3. This Methodology uses concepts in the meanings defined in the Law, as well as in [the Law](http://adilet.zan.kz/rus/docs/Z1100000477#z1) of the Republic of Kazakhstan dated June 13, 2001 "On tourism activities in the Republic of Kazakhstan" and the following main definitions:
4. intermediate consumption - the value of goods and services that are transformed or completely consumed in the production process in the reporting period;
5. labor productivity - an indicator of production efficiency that characterizes the output of products per unit of resources used, which is the ratio of production volume and labor costs;
6. domestic tourism consumption is the tourism consumption of both resident and non-resident visitors within the economic territory of the country concerned;
7. gross value added - characterizes the final result of production activity and represents the value added by processing in this production process. Calculated at the level of sectors as the difference between the output of goods and services and intermediate consumption, includes the cost of fixed capital consumed in the production process;
8. consumption related to inbound tourism - tourist consumption of non-resident visitors within the economic territory of the respective country;
9. physical volume index - a relative indicator that characterizes the change in production volumes in the compared periods. It is calculated by dividing the value of a certain indicator in the current period, valued at the prices of the base period, by its value in the base period;
10. investments in fixed capital according to the concept of the system of national accounts - investments in tangible and intangible fixed capital;
11. gross value added created in the tourism industries - the sum of the gross value added created by all establishments operating in the tourism industry, regardless of whether all their products are intended for visitors, and regardless of the degree of specialization of their production process;
12. gross value added created directly in tourism - part of the gross value added created in the tourism industries and in other sectors of the economy directly related to serving visitors in accordance with the dynamics of consumption related to tourism within the country;
13. tourist expenses - the amount of money paid for the purchase of goods and services for consumption, as well as valuables, for personal use or use as a gift before and during a tourist trip;
14. consumption related to outbound tourism - tourist consumption of residents outside the economic territory of the country concerned;
15. domestic tourism consumption is the tourism consumption of resident visitors within the economic territory of the country concerned.

**Chapter 2. Compilation of the Tourism Satellite Account**

1. The Tourism Satellite Account (hereinafter - TSA ) is a system of statistical indicators in the form of ten tables, generated on an annual basis.
2. When forming the TSA, the classifications of tourism products and the tourism industry are used to harmonize the indicators of the tables.
3. The classification of tourism products includes consumer goods typical of tourism and other products related to tourism.
4. The classification of tourism products is given in Appendix 1 to this Methodology.
5. The classification of the tourism industry includes economic activities associated with the production of typical tourism products.
6. The classification of the tourism industry is given in Appendix 2 to this Methodology.
7. The classification of tourism products and the tourism industry allows the formation of the following ten tables included in the TSA :

Table 1. "Consumption related to inbound tourism, by product and category of visitors" (hereinafter - table 1) according to Appendix 3 to this Methodology;

Table 2. “Consumption related to domestic tourism, by product, category of visitor and type of trip” (hereinafter - table 2) according to Appendix 4 to this Methodology;

Table 3. “Consumption related to outbound tourism, by product and category of visitors” (hereinafter - table 3) according to Appendix 5 to this Methodology;

Table 4. Domestic tourism consumption by product (hereinafter - Table 4) according to Appendix 6 to this Methodology;

Table 5. “Production accounts in tourism and other industries” (hereinafter - table 5) according to Appendix 7 to this Methodology;

Table 6. “Total volume of domestic supply and consumption related to domestic tourism” (hereinafter - table 6) according to Appendix 8 to this Methodology;

Table 7. "Employment in the tourism industries" (hereinafter - table 7) according to Appendix 9 to this Methodology;

Table 8. "Gross fixed capital formation in tourism industries" (hereinafter - table 8) according to Appendix 10 to this Methodology;

Table 9. "Collective tourism consumption by products and levels of government" (hereinafter - Table 9) according to Appendix 11 to this Methodology;

Table 10. "Non-monetary indicators" (hereinafter - table 10) according to Appendix 12 to this Methodology.

1. Tables 1, 2, 3 describe tourism consumption in value terms by type of tourism, by tourism product and by category of visitor. Table 1 deals with inbound tourism, table 2 with domestic tourism and table 3 with outbound tourism. The amount and structure of tourism expenses are determined separately for tourists and sightseers.
2. In order to calculate consumption related to inbound tourism in Table 1, administrative data on travel and transport services in exports of services are used, which are broken down by tourism products, according to the structure of expenditures of non-resident visitors, obtained from national statistical surveys.
3. To calculate domestic tourism consumption, Table 2 uses data on tourism expenditure by resident visitors on domestic tourism trips, as well as the proportion of outbound tourism expenditure undertaken within the country prior to departure. Tourist expenses of resident visitors are based on data from the statistical forms of the nationwide statistical survey.
4. Table 3 uses administrative data on travel and transport services in imports of services to calculate consumption related to outbound tourism. The received administrative data are broken down by tourism products according to the structure of household expenditures on travel outside the Republic of Kazakhstan, obtained on the basis of nationwide statistical observation.
5. Table 4 estimates the main aggregate as domestic tourism consumption by summing inbound tourism expenditure (table 1) and domestic tourism expenditure (table 2) and all additional components, including expenditure by resident visitors making business trips.
6. The basis for the compilation of tables 5 and 6 are the data of the "Resource-Use" table of the System of National Accounts.
7. Table 5 presents the production account in the tourism industries and other sectors of the economy of the Republic of Kazakhstan. The output of tourism industries is broken down by type of product and is valued at basic prices. Intermediate consumption is valued at purchasers' prices. The difference between the two quantities is called gross value added (hereinafter - GVA) in basic prices and is relevant for each tourism industry as a whole.
8. GVA is equal to the sum of the rows in Table 5: compensation of employees, other taxes less subsidies on products and gross mixed income. The sum of the GVA of all tourism industries (column 5.13) is equal to the Gross Value Added Generated in Tourism Industries (hereinafter - GVAGTI).
9. Table 6 compares domestic tourism consumption from table 4 with domestic supply at purchasers' prices. The total domestic supply is obtained by summing the domestic output of the tourism industries from table 5 and additional indicators: imports, net taxes minus subsidies on products produced and imported, trade and transport margins.
10. The share of tourism (in percent) is determined by the ratio of domestic tourism consumption from table 4 to domestic supply (column 6.4). The tourism share reflects the share of domestic tourism consumption within each individual supply element. The share of tourism is used in estimating the aggregate Gross Value Added Directly from Tourism (hereinafter – GVAGDT).
11. The proportion of domestic tourism consumption for each product of the tourism industry is determined on a case-by-case basis using the tourism share.
12. In each individual industry, the share of tourism in the volume of Output and its final products (in value terms) is determined as the sum of the shares of tourism corresponding to each product. The tourism share is also used for the components of intermediate consumption and value added.
13. For each individual industry, a portion of its gross value added (in basic prices) is established corresponding to the contribution of its output of final products to the total consumption related to tourism within the country, and these values are summarized for tourism industries and for all other sectors of the economy. The summation of all parts of value added across all industries results in GVAGDT.
14. Within the TSA, the GVAGDT reflects the part of the value added generated by the tourism and other industries that is associated with the consumption of visitors.
15. Table 7 reflects the quantitative assessment of employment in the tourism industries: the number of employed people, the number of hours worked, the number of employed people in the equivalent of full employment. Employment data are compiled on the basis of statistical forms of nationwide statistical observation, disaggregated by gender and employment status by type of economic activity.
16. Table 8 defines gross fixed capital formation (hereinafter ~~–~~ GFCF) in the tourism and other sectors of the economy. The source of data for estimating the GFCF is statistical forms of nationwide statistical observations on acquisitions (disposals) of fixed assets and investments in fixed capital.
17. Table 9characterizes the collective tourist consumption and reflects the value of non-market services provided by governments of different levels for joint consumption by visitors. Table 9 uses data from administrative sources on tourism collective consumption expenditures by type of service and level of government.
18. Table 10 presents non-monetary indicators of the number of trips by type of tourism, categories of visitors and length of stay, and modes of transport used by non-resident visitors to enter the country. The sources of information are the results of national statistical surveys and the statistical business register.

**Chapter 3. Calculations of the main indicators of the tourism industry**

1. Within the framework of the TSA, the main aggregate indicators are formed on an annual basis: consumption related to tourism within the country, GVAGTI, physical volume index (hereinafter - IPV) GVAGTI, labor productivity index of the tourism industry, GVAGDT, IPV GVAGDT.
2. On a quarterly basis for the whole country and by region, the following indicators of the tourism industry are calculated:

GVA of the tourism industry;

IPV GVA of the tourism industry;

productivity of the tourism industry;

labor productivity index of the tourism industry;

investment in fixed capital of the tourism industry;

IPV investments in fixed capital of the tourism industry;

the number of employed people in the tourism industry.

1. The GVA of the tourism industry is the sum of the GVA of economic activities associated with the production of tourism products. The assessment of the GVA of the tourism industry at constant prices is carried out by the method of deflation and extrapolation of the economic activities included in the tourism industry.
2. The deflation method consists in dividing the cost of goods and services in the current period by an index that reflects the change in prices for goods and services in the current period compared to the prices of the base period. The revaluation procedure is described in general terms as follows:

 $Σ q\_{t}p\_{0}= ^{Σq\_{t}p\_{t}}/\_{I\_{p\_{t/0}}}$(1)

where:

$Σ q\_{t}p\_{0} $- the cost of goods (services) of the current period in the prices of the base period;

$q\_{t}$- quantity of goods (services) in the current period;

$p\_{t} $and $p\_{0}$- prices in the current and base periods;

$Σq\_{t}p\_{t}$- cost of goods (services) in the current period at current prices;

$I\_{p\_{t/0}} $- price index in the current period compared to the base period.

1. The extrapolation method consists in multiplying the cost of goods and services in the base period by an index that reflects the change in the physical volume of a given set of goods and services (or goods and services representative of this set) in the current period compared to the base period. The procedure is described in general terms as follows:

 $Σq\_{t}p\_{0 }= Σq\_{0}p\_{0}\* I\_{q\_{t/0}}$ (2)

where:

$Σq\_{0}p\_{0} $- cost of goods (services) in the base period;

$q\_{0}$- quantity of goods (services) in the base period;

$I\_{q\_{t/0}}$- index of the physical volume of goods (services) in the current period compared with the base period.

1. The GVA IPV of the tourism industry is calculated as the ratio of the value of the GVA of the tourism industry in the reporting period, estimated at the prices of the base period, to its value in the base period:

 (3)

where:

******index of the physical volume of the tourism industry;

- the value of the tourism industry in the current period in the prices of the base period;

****the value of the tourism industry in the base period.

1. Labor productivity reflects how efficiently labor is combined with other factors of production, how many other ingredients are available per worker, and how quickly embodied and unembodied technological progress is manifested. Labor productivity (thousand tenge/person) is calculated using the following formula:

 , (4)

where:

$P\_{l}$ – labor productivity, thousand tenge/person;

GVA $GVA$- GVA of the tourism industry, thousand tenge;

E -the number of employed people in the tourism industry, people.

The employed population includes employees and self-employed workers.

1. The following formula is used to calculate the labor productivity index:

 , (5)

where:

$I\_{P}$– labor productivity index of the tourism industry, %;

$I\_{GVA\_{t}}$– GVA physical volume index for the tourism industry for the reporting period (%);

$L\_{t}$- the number of employed people in the tourism industry for the reporting period, people;

$L\_{t-1}$- the number of employed people in the tourism industry for the corresponding period of the previous year, people.

1. Investments in the fixed capital of the tourism industry are formed on the basis of primary data from national statistical observations of respondents engaged in investment activities.
2. Investments related to the development of tourism include: investments in tourism-specific fixed assets, investments by tourism enterprises in non-tourism-specific fixed assets, and investments in tourism-related infrastructure.
3. The geographic coverage of investment activity provides for the accounting of investment investments at the place of its actual implementation, regardless of the place of registration of an economic entity carrying out investment activities.
4. When generating data, investments are taken into account by direction of use, reflecting the direction of investments (final use of fixed assets).
5. Grouping by investments in fixed assets of the tourism industry is formed by aggregating the volume of investments in fixed assets by areas of use in accordance with the types of economic activity.
6. The calculation of the IPV of investments in fixed capital of the tourism industry is based on the application of the method of deflating data for the reporting period using the relevant price indices (by type of assets).
7. To calculate the number of employed people in the tourism industry, two main groupings are compiled by the number of jobs and hours worked: the first - by gender, and the second - according to simplified employment classification principles, according to which only employees are distinguished from the total labor force .
8. The collection of information on the number of employed people in the tourism industry is carried out by conducting a sample survey of employment of the population and is broken down by gender, employment status and types of economic activity.

Appendix 1
to the Methodology for the formation of the Tourism Satellite Account and the calculation of the main indicators of the tourism industry

**Classification of tourism products**

|  |  |
| --- | --- |
| A. | Consumer Products: |
|  | A.1. Typical tourism products: |
|  | A.1.1. Internationally comparable typical tourism products that are the main products for the purposes of international comparison of tourism expenditures:1. Visitor accommodation services2. Services of catering establishments3. Railway passenger transport services4. Road passenger transport services5. Water passenger transport services6. Air passenger transport services7. Transport equipment rental services8. Travel agencies and other booking services9. Services in the cultural field10. Sports and recreational services |
|  | A.1.2. Country specific typical tourism products11. Typical tourism products for a specific country12. Typical tourism services for a specific country |
|  | A.2. Other consumer products fall into two sub-categories, each of which is country-specific and therefore country-specific:A.2.i. Related tourism productsA.2.ii. Non-tourism related consumer products |
| b. | Non-Consumption Products |
|  | B.1. Goods with a certain value (paintings, art, jewelry) |
|  | B.2. Other non-consumer products, including products related to tourism gross fixed capital formation and tourism collective consumption. |

Appendix 2

to the Methodology for the formation of the Tourism Satellite Account and the calculation of the main indicators of the tourism industry

**Tourism Industry Classification**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | **No.** | **Tourism industries** | **Code** | **Activities** |
| Comparable internationally |  | Visitor accommodation | 55 | 1. Accommodation Services |
|  | Catering | 56 | 2. Food and beverage services |
|  | Rail passenger transport | 49.1 | 3. Passenger rail transport, intercity |
|  | Passenger road transport | 49.3 | 4 . Other passenger land transport |
|  | Water passenger transport | 50.150.3 | 5. Maritime and coastal passenger transport6. River passenger transport |
|  | Air passenger transport | 51.1 | 7. Air passenger transport |
|  | Rental of transport equipment | 77.1177.21 | 8. Rental and rental of cars and cars9. Hire and rental of entertainment and sports equipment |
|  | Activities of travel agencies and other booking organizations | 79 | 10. Activities of tour operators, travel agents and other organizations providing services in the field of tourism |
|  | Activities related to the provision of services in the cultural field | 9091 | 11. Creative, arts and entertainment activities12. Activities of libraries, archives, museums and other cultural institutions |
|  | Activities related to the provision of sports and recreational services | 9293 | 13. Gambling and betting activities14. Activities in the field of sports, recreation and entertainment |

Appendix 3

to the Methodology for the formation of the Tourism Satellite Account and the calculation of the main indicators of the tourism industry

**Table 1. Inbound tourism consumption
by product and category of visitor**

thousand tenge

|  |  |
| --- | --- |
| Products | Expenses related to inbound tourism |
| Tourists | sightseers | Visitors |
| (1.1) | (1.2) | (1.3) = (1.1) + (1.2) |
| A. Consumer products |  |  |  |
| A.1 Typical tourism products |  |  |  |
| 1. Visitor accommodation services |  | X |  |
| 2. Services of catering establishments |  |  |  |
| 3. Railway passenger transport services |  |  |  |
| 4. Road passenger transport services |  |  |  |
| 5. Water passenger transport services |  |  |  |
| 6. Air passenger transport services |  |  |  |
| 7. Transport equipment rental services |  |  |  |
| 8. Travel agencies and other booking services |  |  |  |
| 9. Cultural services |  |  |  |
| 10. Sports and recreational services |  |  |  |
| 11. Typical tourism products for a particular country |  |  |  |
| 12. Typical tourism services for a particular country |  |  |  |
| A.2. Other consumer products |  |  |  |
| B.1. Items of value |  |  |  |
| Total |  |  |  |

Note: x - this position is not to be filled.

Appendix 4

to the Methodology for the formation of the Tourism Satellite Account and the calculation of the main indicators of the tourism industry

**Table 2. Domestic tourism consumption by product, category of visitor and type of trip**

thousand tenge

|  |  |
| --- | --- |
| Products | Expenditure related to domestic tourism |
| Domestic travel | Outbound trips | All types of trips |
| Tourists | sightseers | Visitors | Tourists | sightseers | Visitors | Tourists | sightseers | Visitors |
| (2.1) | (2.2) | (2.3) =(2.1) +(2.2) | (2.4) | (2.5) | (2.6)= (2.4)+(2.5) | (2.7) = (2.1) + (2.4) | (2.8) = (2.2) + (2.5) | (2.9) = (2.3)+(2.6) |
| A. Consumer products |  |  |  |  |  |  |  |  |  |
| A.1 Typical tourism products |  |  |  |  |  |  |  |  |  |
| 1. Visitor accommodation services |  | X |  |  | X |  |  | X |  |
| 2. Services of catering establishments |  |  |  |  |  |  |  |  |  |
| 3. Railway passenger transport services |  |  |  |  |  |  |  |  |  |
| 4. Road passenger transport services |  |  |  |  |  |  |  |  |  |
| 5. Water passenger transport services |  |  |  |  |  |  |  |  |  |
| 6. Air passenger transport services |  |  |  |  |  |  |  |  |  |
| 7. Transport equipment rental services |  |  |  |  |  |  |  |  |  |
| 8. Travel agencies and other booking services |  |  |  |  |  |  |  |  |  |
| 9. Cultural services |  |  |  |  |  |  |  |  |  |
| 10. Sports and recreational services |  |  |  |  |  |  |  |  |  |
| 11. Typical tourism products for a specific country |  |  |  |  |  |  |  |  |  |
| 12. Typical tourism services for a particular country |  |  |  |  |  |  |  |  |  |
| A.2. Other consumer products |  |  |  |  |  |  |  |  |  |
| B.1. Items of value |  |  |  |  |  |  |  |  |  |
| Total |  |  |  |  |  |  |  |  |  |

Note: x - this position is not to be filled.

Appendix 5

to the Methodology for the formation of the Satellite Account and calculations of the main indicators of the tourism industry

**Table 3. Consumption related to outbound tourism by product and type of visitor**

thousand tenge

|  |  |
| --- | --- |
| Products | Outbound tourism expenses |
| Tourists | sightseers | Visitors |
| (1.1) | (1.2) | (1.3) = (1.1) + (1.2) |
| A. Consumer Products |  |  |  |
| A.1 Typical tourism products |  |  |  |
| 1. Visitor accommodation services |  | X |  |
| 2. Services of catering establishments |  |  |  |
| 3. Railway passenger transport services |  |  |  |
| 4. Road passenger transport services |  |  |  |
| 5. Water passenger transport services |  |  |  |
| 6. Air passenger transport services |  |  |  |
| 7. Transport equipment rental services |  |  |  |
| 8. Travel agencies and other booking services |  |  |  |
| 9. Cultural services |  |  |  |
| 10. Sports and recreational services |  |  |  |
| 11. Typical tourism products for a specific country |  |  |  |
| 12. Typical tourism services for a specific country |  |  |  |
| A.2. Other consumer products |  |  |  |
| B.1. Items of value |  |  |  |
| Total |  |  |  |

Note: x - this position is not to be filled.

Appendix 6

to the Methodology for the formation

Satellite account of tourism and calculations of the main indicators of the tourism industry

**Table 4. Domestic tourism consumption by product**

thousand tenge

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Products | Expenses related to inbound tourism | Expenses related to domestic tourism | Domestic tourism expenditure | Business travel | Other components of tourist consumption | Domestic tourism consumption |
| (1.3) | (2.9) | (4.1) = (1.3) + (2.9) | (4.2) | (4.3) | (4.4) = (4.1) + (4.2)+ (4.3) |
| A. Consumer products |  |  |  |  |  |  |
| A.1 Typical tourism products |  |  |  |  |  |  |
| 1. Visitor accommodation services |  |  |  |  |  |  |
| 2. Services of catering establishments |  |  |  |  |  |  |
| 3. Railway passenger transport services |  |  |  |  |  |  |
| 4. Road passenger transport services |  |  |  |  |  |  |
| 5. Water passenger transport services |  |  |  |  |  |  |
| 6. Air passenger transport services |  |  |  |  |  |  |
| 7. Transport equipment rental services |  |  |  |  |  |  |
| 8. Travel agencies and other booking services |  |  |  |  |  |  |
| 9. Cultural services |  |  |  |  |  |  |
| 10. Sports and recreational services |  |  |  |  |  |  |
| 11. Typical tourism products for a specific country |  |  |  |  |  |  |
| 12. Typical tourism services for a particular country |  |  |  |  |  |  |
| A.2. Other consumer products |  |  |  |  |  |  |
| B.1. Items of value |  |  |  |  |  |  |
| Total |  |  |  |  |  |  |

Appendix 7

to the Methodology for the formation

Satellite account of tourism and calculations of the main indicators of the tourism industry

**Table 5. Production accounts for tourism and non-tourism industries**

thousand tenge

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Products | Visitor accommodation |  Catering |  Rail passenger transport | Passenger road transport | Water passenger transport |  Air passenger transport | Rental of transport equipment |
| (5.1) | (5.2) | (5.3) | (5.4) | (5.5) | (5.6) | (5.7) |
| A. Consumer Products |  |  |  |  |  |  |  |
| A.1 Typical tourism products |  |  |  |  |  |  |  |
| 1. Visitor accommodation services |  |  |  |  |  |  |  |
| 2. Services of catering establishments |  |  |  |  |  |  |  |
| 3. Railway passenger transport services |  |  |  |  |  |  |  |
| 4. Road passenger transport services |  |  |  |  |  |  |  |
| 5. Water passenger transport services |  |  |  |  |  |  |  |
| 6. Air passenger transport services |  |  |  |  |  |  |  |
| 7. Transport equipment rental services |  |  |  |  |  |  |  |
| 8. Travel agencies and other booking services |  |  |  |  |  |  |  |
| 9. Cultural services |  |  |  |  |  |  |  |
| 10. Sports and recreational services |  |  |  |  |  |  |  |
| 11. Typical tourism products for a particular country |  |  |  |  |  |  |  |
| 12. Typical tourism services for a specific country |  |  |  |  |  |  |  |
| A.2. Other consumer products |  |  |  |  |  |  |  |
| B. Non-Consumption Products |  |  |  |  |  |  |  |
| B.1. Items of value |  |  |  |  |  |  |  |
| B.2. Other non-consumption products |  |  |  |  |  |  |  |
| goods |  |  |  |  |  |  |  |
| services |  |  |  |  |  |  |  |
| I. Total Output (in basic prices) |  |  |  |  |  |  |  |
| II. Total intermediate consumption (purchasers' prices) |  |  |  |  |  |  |  |
| (I–II). Gross value added (at basic prices) |  |  |  |  |  |  |  |
| Wages of employees |  |  |  |  |  |  |  |
| Other taxes less subsidies on products |  |  |  |  |  |  |  |
| Gross mixed income |  |  |  |  |  |  |  |

continuation of tables 5

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Products | Activities of travel agencies and other booking organizations | Activities related to the provision of services in the cultural field |  Activities related to the provision of sports and recreational services |  Retail sale of country-specific typical tourism goods | Other typical tourism activities specific to a particular country | Total | Other industries\* | Output products of domestic manufacturers |
| (5.8) | (5.9) | (5.10) | (5.11) | (5.12) | (5.13) | (5.14) | (5.15) =(5.13) + (5.14) |
| A. Consumer Products |  |  |  |  |  |  |  |  |
| A.1 Typical tourism products |  |  |  |  |  |  |  |  |
| 1. Visitor accommodation services |  |  |  |  |  |  |  |  |
| 2. Services of catering establishments |  |  |  |  |  |  |  |  |
| 3. Railway passenger transport services |  |  |  |  |  |  |  |  |
| 4. Road passenger transport services |  |  |  |  |  |  |  |  |
| 5. Water passenger transport services |  |  |  |  |  |  |  |  |
| 6. Air passenger transport services |  |  |  |  |  |  |  |  |
| 7. Transport equipment rental services |  |  |  |  |  |  |  |  |
| 8. Travel agencies and other booking services |  |  |  |  |  |  |  |  |
| 9. Cultural services |  |  |  |  |  |  |  |  |
| 10. Sports and recreational services |  |  |  |  |  |  |  |  |
| 11. Typical tourism products for a specific country |  |  |  |  |  |  |  |  |
| 12. Typical tourism services for a specific country |  |  |  |  |  |  |  |  |
| A.2. Other consumer products |  |  |  |  |  |  |  |  |
| B. Non-Consumption Products |  |  |  |  |  |  |  |  |
| B.1. Items of value |  |  |  |  |  |  |  |  |
| B.2. Other non-consumption products |  |  |  |  |  |  |  |  |
| goods |  |  |  |  |  |  |  |  |
| services |  |  |  |  |  |  |  |  |
| I. Total Output (in basic prices) |  |  |  |  |  |  |  |  |
| II. Total intermediate consumption (purchasers' prices) |  |  |  |  |  |  |  |  |
| (I–II). Gross value added (at basic prices) |  |  |  |  |  |  |  |  |
| Wages of employees |  |  |  |  |  |  |  |  |
| Other taxes less subsidies on products |  |  |  |  |  |  |  |  |
| Gross mixed income |  |  |  |  |  |  |  |  |

Note: \* The 'other industries' column shows the output of other sectors of the economy, excluding the tourism industries.

Appendix 8

to the Methodology for the formation

Satellite account of tourism and calculations of the main indicators of the tourism industry

**Table 6. Total domestic supply and consumption related to domestic tourism**

thousand tenge

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Products | Visitor accommodation |  Catering |  Rail passenger transport | Passenger road transport |  Water passenger transport |
| Output (5.1) | Share of tourism(by cost) | Output (5.2) | Share of tourism(by cost) | Output (5.3) | Share of tourism(by cost) | Output (5.4) | Share of tourism(by cost) | Output (5.5) | Share of tourism(by cost) |
| A. Consumer Products |  |  |  |  |  |  |  |  |  |  |
| A.1 Typical tourism products |  |  |  |  |  |  |  |  |  |  |
| 1. Visitor accommodation services |  |  |  |  |  |  |  |  |  |  |
| 2. Services of catering establishments |  |  |  |  |  |  |  |  |  |  |
| 3. Railway passenger transport services |  |  |  |  |  |  |  |  |  |  |
| 4. Road passenger transport services |  |  |  |  |  |  |  |  |  |  |
| 5. Water passenger transport services |  |  |  |  |  |  |  |  |  |  |
| 6. Air passenger transport services |  |  |  |  |  |  |  |  |  |  |
| 7. Transport equipment rental services |  |  |  |  |  |  |  |  |  |  |
| 8. Travel agencies and other booking services |  |  |  |  |  |  |  |  |  |  |
| 9. Cultural services |  |  |  |  |  |  |  |  |  |  |
| 10. Sports and recreational services |  |  |  |  |  |  |  |  |  |  |
| 11. Typical tourism products for a particular country |  | x |  | x |  | x |  | x |  | x |
| 12. Typical tourism services for a particular country |  |  |  |  |  |  |  |  |  |  |
| A.2. Other consumer products |  |  |  |  |  |  |  |  |  |  |
| B. Non-Consumption Products |  |  |  |  |  |  |  |  |  |  |
| B.1. Items of value |  | x |  | x |  | x |  | x |  | x |
| B.2. Other non-consumption products |  |  |  |  |  |  |  |  |  |  |
| goods |  |  |  |  |  |  |  |  |  |  |
| services |  |  |  |  |  |  |  |  |  |  |
| I. Total Output (in basic prices) |  |  |  |  |  |  |  |  |  |  |
| II. Total intermediate consumption (purchasers' prices) |  |  |  |  |  |  |  |  |  |  |
| (I–II). Gross value added (at basic prices) |  |  |  |  |  |  |  |  |  |  |
| Wages of employees |  |  |  |  |  |  |  |  |  |  |
| Other taxes less subsidies on products |  |  |  |  |  |  |  |  |  |  |
| Gross mixed income |  |  |  |  |  |  |  |  |  |  |

Note: x - this position is not to be filled.

Continuation of table 6

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Products |  Air passenger transport | Rental of transport equipment | Activities of travel agencies and other booking organizations | Activities related to the provision of services in the cultural field |
| Output (5.6) | Share of tourism(by cost) | Output(5.7) | Share of tourism (by value) | Output (5.8) | Share of tourism (by value) | Output (5.9) | Share of tourism (by value) |
| A. Consumer Products |  |  |  |  |  |  |  |  |
| A.1 Typical tourism products |  |  |  |  |  |  |  |  |
| 1. Visitor accommodation services |  |  |  |  |  |  |  |  |
| 2. Services of catering establishments |  |  |  |  |  |  |  |  |
| 3. Railway passenger transport services |  |  |  |  |  |  |  |  |
| 4. Road passenger transport services |  |  |  |  |  |  |  |  |
| 5. Water passenger transport services |  |  |  |  |  |  |  |  |
| 6. Air passenger transport services |  |  |  |  |  |  |  |  |
| 7. Transport equipment rental services |  |  |  |  |  |  |  |  |
| 8. Travel agencies and other booking services |  |  |  |  |  |  |  |  |
| 9. Cultural services |  |  |  |  |  |  |  |  |
| 10. Sports and recreational services |  |  |  |  |  |  |  |  |
| 11. Typical tourism products for a specific country |  | x |  | x |  | x |  | x |
| 12. Typical tourism services for a specific country |  |  |  |  |  |  |  |  |
| A.2. Other consumer products |  |  |  |  |  |  |  |  |
| B. Non-Consumption Products |  |  |  |  |  |  |  |  |
| B.1. Items of value |  | x |  | x |  | x |  | x |
| B.2. Other non-consumption products |  |  |  |  |  |  |  |  |
| goods |  |  |  |  |  |  |  |  |
| services |  |  |  |  |  |  |  |  |
| I. Total Output (in basic prices) |  |  |  |  |  |  |  |  |
| II. Total intermediate consumption (purchasers' prices) |  |  |  |  |  |  |  |  |
| (I–II). Gross value added (at basic prices) |  |  |  |  |  |  |  |  |
| Wages of employees |  |  |  |  |  |  |  |  |
| Other taxes less subsidies on products |  |  |  |  |  |  |  |  |
| Gross mixed income |  |  |  |  |  |  |  |  |

Note: x - this position is not to be filled.

 continuation of table 6

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Products |  Activities related to the provision of sports and recreational services |  Retail sale of country-specific typical tourism goods | Other typical tourism activities specific to a particular country | Total |
| Output (5.10) | Share of tourism(by cost) | Output (5.11) | Share of tourism(by cost) | Output (5.12) | Share of tourism(by cost) | Output(5.13) | Share of tourism(by cost) |
| A. Consumer Products |  |  |  |  |  |  |  |  |
| A.1 Typical tourism products |  |  |  |  |  |  |  |  |
| 1. Visitor accommodation services |  |  |  |  |  |  |  |  |
| 2. Services of catering establishments |  |  |  |  |  |  |  |  |
| 3. Railway passenger transport services |  |  |  |  |  |  |  |  |
| 4. Road passenger transport services |  |  |  |  |  |  |  |  |
| 5. Water passenger transport services |  |  |  |  |  |  |  |  |
| 6. Air passenger transport services |  |  |  |  |  |  |  |  |
| 7. Transport equipment rental services |  |  |  |  |  |  |  |  |
| 8. Travel agencies and other booking services |  |  |  |  |  |  |  |  |
| 9. Cultural services |  |  |  |  |  |  |  |  |
| 10. Sports and recreational services |  |  |  |  |  |  |  |  |
| 11. Typical tourism products for a particular country |  | x |  | x |  | x |  | x |
| 12. Typical tourism services for a particular country |  |  |  |  |  |  |  |  |
| A.2. Other consumer products |  |  |  |  |  |  |  |  |
| B. Non-Consumption Products |  |  |  |  |  |  |  |  |
| B.1. Items of value |  | x |  | x |  | x |  | x |
| B.2. Other non-consumption products |  |  |  |  |  |  |  |  |
| goods |  |  |  |  |  |  |  |  |
| services |  |  |  |  |  |  |  |  |
| I. Total Output (in basic prices) |  |  |  |  |  |  |  |  |
| II. Total intermediate consumption (purchasers' prices) |  |  |  |  |  |  |  |  |
| (I–II). Gross value added (at basic prices) |  |  |  |  |  |  |  |  |
| Wages of employees |  |  |  |  |  |  |  |  |
| Other taxes less subsidies on products |  |  |  |  |  |  |  |  |
| Gross mixed income |  |  |  |  |  |  |  |  |

Note: x - this position is not to be filled.

 continuation of table 6

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Products | Other industries | Output products domesticmanufacturers(at basic prices) | Import | Taxes less subsidies on products producedand imported nationally |
| Output (5.14) | Share of tourism(by cost) | Output (5.15) = (5.13) + (5.14) | Share of tourism(by cost) | Output (6.1) | Share of tourism (by value) | Output (6.2) | Share of tourism(by cost) |
| A. Consumer products |  |  |  |  |  |  |  |  |
| A.1 Typical tourism products |  |  |  |  |  |  |  |  |
| 1. Visitor accommodation services |  |  |  |  |  |  |  |  |
| 2. Services of catering establishments |  |  |  |  |  |  |  |  |
| 3. Railway passenger transport services |  |  |  |  |  |  |  |  |
| 4. Road passenger transport services |  |  |  |  |  |  |  |  |
| 5. Water passenger transport services |  |  |  |  |  |  |  |  |
| 6. Air passenger transport services |  |  |  |  |  |  |  |  |
| 7. Transport equipment rental services |  |  |  |  |  |  |  |  |
| 8. Travel agencies and other booking services |  |  |  |  |  |  |  |  |
| 9. Cultural services |  |  |  |  |  |  |  |  |
| 10. Sports and recreational services |  |  |  |  |  |  |  |  |
| 11. Typical tourism products for a particular country |  | x |  | x |  | x |  |  |
| 12. Typical tourism services for a particular country |  |  |  |  |  |  |  |  |
| A.2. Other consumer products |  |  |  |  |  |  |  |  |
| B. Non-Consumption Products |  |  |  |  |  |  |  |  |
| B.1. Items of value |  | x |  | x |  | x |  |  |
| B.2. Other non-consumption products |  |  |  |  |  |  |  |  |
| goods |  |  |  |  |  |  |  |  |
| services |  |  |  |  |  |  |  |  |
| I. Total Output (in basic prices) |  |  |  |  |  |  |  |  |
| II. Total intermediate consumption (purchasers' prices) |  |  |  |  |  |  |  |  |
| (I–II). Gross value added (at basic prices) |  |  |  |  |  |  |  |  |
| Wages of employees |  |  |  |  |  |  |  |  |
| Other taxes less subsidies on products |  |  |  |  |  |  |  |  |
| Gross mixed income |  |  |  |  |  |  |  |  |

Note: x - this position is not to be filled.

continuation of table 6

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Products | Trade and transportmargins | Internaloffer(for pricesbuyers) | Consumption,pertaining totourism insidecountries | Share of tourism (%) |
| Output(6.3) | Share of tourism (by value) | Output (6.4) = (5.15) + (6.1) +(6.2) + (6.3) | Of which the share of tourism(by cost) | Box 4.4from table 4 | Output (6.5) =(4.4)/(6.4) \*100 |
| A. Consumer products |  |  |  |  |  |  |
| A.1 Typical tourism products |  |  |  |  |  |  |
| 1. Visitor accommodation services | x | x |  |  |  |  |
| 2. Services of catering establishments | x | x |  |  |  |  |
| 3. Railway passenger transport services | x | x |  |  |  |  |
| 4. Road passenger transport services | x | x |  |  |  |  |
| 5. Water passenger transport services | x | x |  |  |  |  |
| 6. Air passenger transport services | x | x |  |  |  |  |
| 7. Transport equipment rental services | x | x |  |  |  |  |
| 8. Travel agencies and other booking services | x | x |  |  |  |  |
| 9. Cultural services | x | x |  |  |  |  |
| 10. Sports and recreational services | x | x |  |  |  |  |
| 11. Typical tourism products for a specific country | x | x |  |  |  |  |
| 12. Typical tourism services for a specific country | x | x |  |  |  |  |
| A.2. Other consumer products | x | x |  |  |  |  |
| B. Non-Consumption Products | x | x |  |  |  |  |
| B.1. Items of value | x | x |  |  |  |  |
| B.2. Other non-consumption products | x | x |  |  |  |  |
| goods |  |  |  |  |  |  |
| services |  |  |  |  |  |  |
| I. Total Output (in basic prices) |  |  |  |  |  |  |
| II. Total intermediate consumption (purchasers' prices) |  |  |  |  |  |  |
| (I–II). Gross value added (at basic prices) |  |  |  |  |  |  |
| Wages of employees |  |  |  |  |  |  |
| Other taxes less subsidies on products |  |  |  |  |  |  |
| Gross mixed income |  |  |  |  |  |  |

Note: x - this position is not to be filled.

Appendix 9

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Satellite account of tourism and calculations of the main indicators of the tourism industry

**Table 7. Employment in tourism industries**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Tourism industries | Quantityestablishments | Number of employed population, people\* | Number of hours worked\* | The number of employed people in the equivalent of full employment of the population, people\* |
| Wage-earners | Self-employed | Wage-earners | Self-employed | Wage-earners | Self-employed |
| Men | Women | Total | Men | Women | Total | Men | Women | Total | Men | Women | Total | Men | Women | Total | Men | Women | Total |
| 1. Accommodation of visitors |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 2. Catering |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 3. Railway passenger transport |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 4. Passenger road transport |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 5. Water passenger transport |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 6. Air passenger transport |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 7. Rental of transport equipment |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 8. Activities of travel agencies and other booking organizations |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 9. Activities related to the provision of services in the cultural field |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 10. Activities related to the provision of sports and recreational services |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 11. Retail sale of country-specific typical tourism products |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 12. Other typical tourism activities specific to a particular country |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

Note: \* Estimated using data from a sample survey of employment.

Appendix 10

to the Methodology for the formation

Satellite account of tourism and calculations of the main indicators of the tourism industry

**Table 8. Gross fixed capital formation in tourism industries**

thousand tenge

|  |  |  |
| --- | --- | --- |
| Products | Tourism industries |  |
| Visitor accommodation | Catering | Rail passenger transport | Passenger road transport | Water passenger transport | Air passenger transport | Rental of transport equipment | Activities of travel agencies and other booking organizations |
| (8.1) | (8.2) | (8.3) | (8.4) | (8.5) | (8.6) | (8.7) | (8.8) |
| I. Tourism specific fixed assets |  |  |  |  |  |  |  |  |
| 1. Hotels and restaurants |  |  |  |  |  |  |  |  |
| 2. Other non-residential buildings and structures suitable for use in the tourism industries |  |  |  |  |  |  |  |  |
| 3. Equipment for passenger transport for tourism purposes |  |  |  |  |  |  |  |  |
| 4. Other machines and equipment adapted for the production of typical tourism products | X | X | X | X | X | X | X | X |
| 5. Improvement of land used for tourism purposes | X | X | X | X | X | X | X | X |
| II. Investments of tourism industries in other produced assets of specific non-tourism products |  |  |  |  |  |  |  |  |
| (I + II) Total |  |  |  |  |  |  |  |  |
| MoU point: |  |  |  |  |  |  |  |  |
| III. Other non-financial assets |  |  |  |  |  |  |  |  |

Note: x - this position is not to be filled.

Continuation of table 8

|  |  |
| --- | --- |
| Products | Tourism industries |
| Activities related to the provision of services in the cultural field | Activities related to the provision of sports and recreational services | Retail sale of country-specific typical tourism products | Other typical tourism activities specific to a particular country | Grossaccumulation of the maincapital in tourism | Otherindustries | Grossaccumulation of the maintotal capital in the economy |
| (8.9) | (8.10) | (8.11) | (8.12) | (8.13) | (8.14) | (8.15) = (8.13) + (8.14) |
| I. Tourism specific fixed assets |  |  |  |  |  |  |  |
| 1. Hotels and restaurants |  |  |  |  |  |  |  |
| 2. Other non-residential buildings and structures suitable for use in the tourism industries |  |  |  |  |  |  |  |
| 3. Equipment for passenger transport for tourism purposes |  |  |  |  |  |  |  |
| 4. Other machines and equipment adapted for the production of typical tourism products | X | X | X | X | X | X | X |
| 5. Improvement of land used for tourism purposes | X | X | X | X | X | X | X |
| II. Investments of tourism industries in other produced assets of specific non-tourism products |  |  |  |  |  |  |  |
| (I + II) Total |  |  |  |  |  |  |  |
| MoU point: |  |  |  |  |  |  |  |
| III. Other non-financial assets |  |  |  |  |  |  |  |

Note: x - this position is not to be filled.

Appendix 11

to the Methodology for the formation

Satellite account of tourism and calculations of the main indicators of the tourism industry

**Table 9. Tourism Collective Consumption by Product and Level of Government**

thousand tenge

|  |  |  |  |
| --- | --- | --- | --- |
| Products | Government levels | Collective tourist consumption (9.4) = (9.1) + (9.2) + (9.3) | MoU clause |
| National (9.1) | Regional (9.2) | Local (9.3) | Intermediate consumption by tourism industry |
| Advertising services in the field of tourism |  |  | X |  | X |
| Information services for visitors |  |  | X |  | X |
| Public administrative services related to wholesale and retail trade, catering system, hotels and restaurants |  |  | X |  | X |
| Public administrative services related to matters in the field of tourism |  |  | X |  | X |
| Total |  |  | X |  | X |

Note: x - this position is not to be filled.

Appendix 12

to the Methodology for the formation of the Tourism Satellite Account and the calculation of the main indicators of the tourism industry

**Table 10. Non-monetary indicators**

Number of trips and nights spent by type of tourism and category of visitors

|  |  |  |  |
| --- | --- | --- | --- |
|  | Inbound tourism | Domestic tourism | Outbound tourism |
|  | Tourists | sightseers | Visitors | Tourists | sightseers | Visitors | Tourists | sightseers | Visitors |
| Number of trips |  |  |  |  |  |  |  |  |  |
| Number of nights spent |  | X |  |  | X |  |  | X |  |

Note: x – this position is not to be filled.

Inbound tourism: number of arrivals and nights spent by mode of transport

|  |  |  |
| --- | --- | --- |
|  | Number of arrivals | Number of nights spent |
| 1. Air transport |  |  |
| 2. Water transport |  |  |
| 3. Ground transportation |  |  |
| 3.1. railway transport |  |  |
| 3.2. sightseeing intercity and city buses and other transport on public roads |  |  |
| 3.3. vehicle rental |  |  |
| 3.4. private car |  |  |
| 3.5. other types of land transport |  |  |
| Total |  |  |

Number of establishments and accommodation options by type of accommodation

|  |  |  |
| --- | --- | --- |
|  | Visitor accommodation | Real estate transactions |
|  | Activities for the organization of short-term accommodation | Camping sites, camping sites and trailer parks | Other types of accommodation | Operations with own or rented real estate | Real estate transactions on a fee-for-service or contract basis |
| Number of establishments |  |  |  |  |  |
| Accommodation options (number of rooms) |  |  |  |  |  |
| Accommodation options (number of beds) |  |  |  |  |  |
| Use of facilities (number of rooms) |  |  |  |  |  |
| Opportunity utilization (by number of beds) |  |  |  |  |  |

Number of establishments in tourism industries classified by average number of jobs

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Tourism industries | <=5 | 6-10 | 11-20 | 21-30 | 31-40 | 41-50 | 51-100 | 101-150 | 151-200 | 201-250 | 251-500 | 501-1000 | >1000 | Total |
| 1. Accommodation of visitors |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 2. Catering |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 3. Railway passenger transport |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 4. Passenger road transport |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 5. Water passenger transport |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 6. Air passenger transport |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 7. Rental of transport equipment |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 8. Activities of travel agencies and other booking organizations |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 9. Activities related to the provision of services in the cultural field |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 10. Activities related to the provision of sports and recreational services |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 11. Retail sale of country-specific typical tourism products |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 12. Other typical tourism activities specific to a particular country |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Total |  |  |  |  |  |  |  |  |  |  |  |  |  |  |