THE SPANISH TOURISM SATELLITE ACCOUNT: COMPILING TOURISM FROM NATIONAL ACCOUNTS.

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The Spanish Tourism Satellite Account.

1. General characteristics and background of the Spanish TSA (STSA) project: links to the National Accounts system.

2. TSA compilation alternatives: comments from the Spanish experience.
1. STSA: General characteristics.

- TSA is a continuous project: Annual TSA estimates.
- It is a progressively improved project.
- TSA is integrated in the National Accounts system.
1. STSA: General characteristics.

Stages of the Spanish TSA project are an example of the integration…in the National Accounts system
STSA: A progressive improving project…linked to Spanish National Accounts

Stage 1. Pilot TSA (1999-2001)

Stage 2. Current prices TSA (2002 onwards)

Stage 3. Constant prices (2003 onwards)

Stage 4. (In process…) Short term TSA, regional estimates

NA current pr series including Supply&Use annual tables

NA constant pr series

Regional Accounts Quarterly accounts

Spanish TSA
Basic structure of the STSA, from National Accounts...S & U Tables (annual)

Supply table

Use table
… to the TSA estimates…

1. Tourism demand...
   Industries...
   Households...

2. Tourism supply...
   Industries...

3. Tourism GVA

4. Tourism Employment

Spanish TSA
The Spanish Tourism Satellite Account.

1. General characteristics and background of the Spanish TSA (STSA) project: links to the National accounts system.

2. TSA compilation alternatives: comments from the Spanish experience.
2. TSA compilation alternatives

Two main TSA compilation alternatives:

A) TSA based on a Nat. Ac. framework.

B) Compilation of a TSA not based on Nat. Accounts.
2. TSA compilation alternatives

Two main TSA compilation alternatives:

A) TSA based on a Nat. Ac. framework.

Different alternatives:

- Input/Output framework: Supply&Use tables.
  (Integration of the TSA in Nat.Accounts).
- Other possibilities (For example, a system of tourism ratios + national accounts figures)
  * Many different possibilities according to the scope of the TSA: benchmark-year integration + extrapolation system.

Spanish TSA
2. TSA compilation alternatives

A) Integrated in Nat. Ac. (in the S&U Tables).

Advantages

Restrictions
2. TSA compilation alternatives

A) Integrated in Nat. Ac. (in the S&U Tables)

Advantages

- Statistics: SUT provide data for TSA in a explicit way or at least aggregated data. ......
- Statistics/methods: useful in the process of calculation of specific transactions: trade margins, taxes... ........
- Helpful to identify compatibility or incompatibility with SNA/ ESA concepts.
- This would facilitate the integration of tourism within the context of the Spanish economy...
2. TSA compilation alternatives

A) Integrated in Nat. Ac. (in the S&U Tables)

<table>
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<tr>
<th>Advantages</th>
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<td>1) Facilitate its updating and the continuous extensions (a flexible system: Annual National estimates; Annual Regional estimates; Short-term National estimates).</td>
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<td>2) <em>Saving of resources: STSA as a supplementary task of the National Accounts team. This allows to improve the TSA with a minimum of resources.</em></td>
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<td>3) TSA as an auxiliary tool to improve the National Accounts estimates (feedback effects)</td>
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2. TSA compilation alternatives

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Restrictions

- Differences in classifications and breakdown of products and activities.
- Methodological differences.

(* Definition of aggregates: Tourism GDP).

Examples: Business tourism (Intermed. consumption/Income in kind); Package tour /Tour operator
2. TSA compilation alternatives

A) Integrated in Nat. Ac. (in the S&U Tables)

Restrictions

A last restriction: Timeliness…TSA has to be adapted to the timetable of National Accounts.

(Specific problems: Change of the National Accounts benchmark year and series).
To summarize

STSA as an example of an approach based in the National Accounts (I/O: SUT).

From the Spanish perspective is the only way to compile regularly TSA and to be consistent with the macroeconomic framework as a whole (through the national accounts system).

Further information on STSA at: www.ine.es
Spanish Tourism Satellite Account
Thank you.

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