Transition of Household Survey (HHS) to TBoP

OVERVIEW

The presentation shows the interdependency between

- Household Survey (HHS)

and the debit side of the

- Travel Balance of Payments (TBoP)
### Transition of Household Survey (HHS) to TBoP

#### The idea behind:

...one source → two statistics

- **Tourism Statistics**
- **Balance of Payments**

#### Quarterly Household Survey

- 3500 residents are asked for their outbound trips
- results reflect **physical flows** to destination
  - bias to TBoP requirements is given
- results reflect **expenditure for travel abroad**
  - bias to TBoP requirements is given

→ Adjustments are necessary!
These adjustment requirements touch 3 main items which are subject to analysis:

1. Identification of domestic and outbound components
   - Almost every journey is confronted with this problem
   - It concerns package tours as well as non-package tours

Related package tours 2 further items have to be considered:

2. Share of components on whole package product
   - The transport item has to be accounted separately

3. Accordance of monetary-flow with travel destination
   - This point affects tour operators in third countries

Transition of Household Survey (HHS) to TBoP

<table>
<thead>
<tr>
<th>HHS</th>
<th>TBoP</th>
</tr>
</thead>
<tbody>
<tr>
<td>Monetary flow according to physical destination</td>
<td>Monetary flow not bound to physical destination</td>
</tr>
<tr>
<td>Covers all expenditure</td>
<td>Covers expenditure abroad</td>
</tr>
</tbody>
</table>

HHS to TBoP

Data of HHS have to be adjusted by TBoP reasons

Adjustments are based on supply related indicators and models
Transition of Household Survey (HHS) to TBoP-Structure

HHS-Countries
- A
- B
- C
- D
- E
- F
- G
- H
- I
- J
- K
- L
- M
- N
- O
- P
- Q
- Other

→ Adjustment Process →

TBoP- Countries
- A
- B
- C
- D
- E
- F
- G
- H
- I
- J
- K
- L
- M
- N
- O
- P
- Q
- Other

<table>
<thead>
<tr>
<th>Transport and Inland Components</th>
<th>Package Products</th>
<th>Geographical Breakdown</th>
</tr>
</thead>
<tbody>
<tr>
<td>Passenger Transportation</td>
<td>Split into „Transport“ and „Other“ items</td>
<td>Imputation of values for missing countries (conceptual reasons)</td>
</tr>
<tr>
<td>Margins</td>
<td>Allocating Tour Operators resident in third Countries</td>
<td>Imputation of missing values for surveyed countries (methodological reasons)</td>
</tr>
<tr>
<td>Domestic Consumption</td>
<td>Adjustment according to monetary flow vs travel destination</td>
<td></td>
</tr>
<tr>
<td>Insurance</td>
<td></td>
<td></td>
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</tbody>
</table>

Transition of Household Survey (HHS) to TBoP-Example

<table>
<thead>
<tr>
<th>HHS-Countries</th>
<th>Mn.€</th>
<th>TBoP-Countries</th>
<th>Mn.€</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total</td>
<td>3,415</td>
<td>Total</td>
<td>2,659</td>
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<tr>
<td>Italy</td>
<td>514</td>
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<tr>
<td>Germany</td>
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<td>567</td>
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<td>Turkey</td>
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<td>Switzerland</td>
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<tr>
<td>Other</td>
<td></td>
<td>Other</td>
<td></td>
</tr>
</tbody>
</table>

→ Adjustment Process →

* Winner of package tour transformation process
- Loser of package tour transformation process

May lead to problem of asymmetry in bilateral comparison
The Problem of tour operators in third countries

Transition of Household Survey (HHS) to TBoP

Adjustments

- Data of HHS cannot directly be led over into TBoP
- Several adjustments are necessary, in particular related to:
  - Domestic consumption
  - Margins of TOs and TAs
  - Passenger transportation (important aggregate!)
  - Splitting of package tours
  - Problem of tour operators resident in 3rd countries
  - Twofold geographical breakdown problem:
    - 1, missing countries
    - 2, missing values
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