Tourism and BoP Statistics in Austria
Capacity Building, WS II, Baku 2012

Juergen Weiss
Statistics Austria
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7-9 November 2012

About me

Jürgen Weiss

Education
• MA in Tourism Economics (University of applied Sciences Vienna)
• BA and MA in Political Science (University of Vienna)

Profession
• Head of Tourism and Travel Statistics – Statistics Austria: Responsible for compilation of Tourism Statistics and Travel Item of Balance of Payments

International
• TAIEX Expert in Tourism and Balance of Payments Statistics

Teaching
• Lecturer in macroeconomics (University of Applied Sciences in Vienna)
Outline

- Tourism & Travel Statistics STAT
- Basic tourism statistics
- IRTS 2008 (Chapter 8 part B)
- Data sources for BoP compilation
- Integrated System of Tourism & Travel Statistics – Austrian Example

Statistics Austria

1. Accommodation statistics
2. CATI surveys on travel habits
3. Travel balance of payments
4. Tourism Satellite Accounts
Organization of tourism (statistics) in Austria

Bund (national level)
- Parliament
  - Parliamentary Committee for Tourism (National Council)
- Federal Ministry of Economy, Family and Youth
  - Section Tourism and Historic Objects
  - Austrian National Tourist Office, Austrian Hotel and Tourism Bank, Austrian Economic Service
- Social partners as stakeholders
  - Austrian Federal Economic Chamber, Federal Chamber of Labor
- Tourism associations
  - Austrian Hotel Association, Association of Austrian Travel Agents and Tour Operators
  - Austrian Federal Chancellery

Land (federal state level)
- Parliaments
- Departments of federal state governments
- Economic chambers, chambers of labor
- Municipalities (regions)
  - Tourism organizations
  - Local and regional tourism organizations

The Austrian Tourism and Travel Statistics

Resources: 5 full time and 4 part time employees

Basic Surveys
- Capacity
- Arrivals and overnights
- Survey of Overnight Visits
- Same day visits

Demand Side

Supply Side

Aggregates
- Travel Balance of Payments
- Tourismus Satellitenkonten
  - Imports
  - Exports
  - Added value
  - Employment
Tourism & Travel Statistics STAT

Primary Statistics
- Accommodation capacity
- Arrivals & overnight stays
- Trips with overnight stay
- Same-day trips
- Accommodation in AT
- Travel Behavior of Austrians

Accounts
- Travel Balance of Payments
- Tourism-Satellite Accounts
- Income from incoming travel
- Spending on outgoing travel
- Value added
- Labor force

Accommodation Statistics - Factsheet

<table>
<thead>
<tr>
<th>What is collected</th>
<th>Aim</th>
<th>Information about internal tourism (capacity; domestic and inbound tourism)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Subject</td>
<td>Capacity of beds and establishments; arrivals and nights spent in rented accommodation establishments of resident and non-resident tourists</td>
<td></td>
</tr>
<tr>
<td>Coverage</td>
<td>70 countries of origin and 15 types of accommodations (data available from 1890 onwards; database since 1972)</td>
<td></td>
</tr>
</tbody>
</table>

Why is it collected

| Legal basis | • Regulation 692/2011 concerning European statistics on tourism |
|-------------|• Commission Implementing Regulation 1051/2011 implementing Regulation 692/2011 |
|             | • Decree on Tourism Statistics 498/2002, last changed with 24/2012 |
|             | • Registration Act 1991 in the last valid version |

Main clients
- Federal Ministry of Economy, Family and Youth (BMWFJ), Eurostat

How is it collected

<table>
<thead>
<tr>
<th>Type of Statistics</th>
<th>Primary statistics / cut-off sample (municipalities with more than 1,000 nights per year)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Methodology</td>
<td>Registration (compulsory) of approx. 67,000 commercial and private accommodation establishments in about 1,600 reporting municipalities</td>
</tr>
</tbody>
</table>
Challenges

... in regard to overall methodology:
- Cut-off sample
- Many players involved (software provider, accommodation, municipality, etc.)
- Hidden Economy
- Long established system, not flexible

... in regard to the registration of guests:
- Guest registration is not in the realm of responsibility of Statistics Austria; consensus with “Ministry of internal affairs” is necessary!
- The guest registration is based on an legal act of the “Ministry of internal affairs”

Working Steps

<table>
<thead>
<tr>
<th>Working Steps (i.e. October)</th>
<th>Schedule</th>
</tr>
</thead>
<tbody>
<tr>
<td>Municipalities send October data</td>
<td>until 15 November</td>
</tr>
<tr>
<td>Compilation and plausibility checks of data from approx. 1 400 reporting municipalities (out of 1 600)</td>
<td>Starting on 15 November</td>
</tr>
<tr>
<td>Publication of preliminary data via press release</td>
<td>23 November (fixed date)</td>
</tr>
<tr>
<td>Compilation of final data</td>
<td></td>
</tr>
<tr>
<td>Storage of final data in database</td>
<td>End of December</td>
</tr>
<tr>
<td>Generally, no revisions are done</td>
<td>...</td>
</tr>
</tbody>
</table>
Accommodation Statistics - overview of data collection

Accommodation establishments
- Send data (arrivals and nights spent) by the 5th of the following month
- Send data (capacity) by June 5th
  - Statistical registration forms or establishment forms (F-B1/2)
  - Form F-B3

Municipalities
- Send aggregated data by the 15th of that month
  - F-G1 or online

Statistics Austria
- Send aggregated data by June 15th
  - Online
- Projected data (press release): 25th of that month
  - Provisional data: First week of the next month
  - Final data: Fourth week of the next month

Monthly statistics on arrivals and overnight stays:
- By type of establishment (17):
  - Collective accommodation establishments
  - Private accommodation establishments:
    - Private accommodations on farms
    - Private accommodations excluding farms
    - Private holiday dwellings on farms
    - Private holiday dwellings excluding farms
- By country of origin (appr. 70; incl. Austrian federal provinces and German regions)
- By federal province (9)

Annual capacity statistics:
- Number of establishments (by 17 types)
- Number of bedspaces
- Number of additional beds
Tourism & Travel Statistics STAT

Primary Statistics
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Travel Behavior of Austrians - Factsheet

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<td><strong>Coverage</strong></td>
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<table>
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<tr>
<th>Why is it collected</th>
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</thead>
<tbody>
<tr>
<td><strong>Legal basis</strong></td>
</tr>
<tr>
<td><strong>Contract</strong></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>How is it collected</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Type of statistic</strong></td>
</tr>
<tr>
<td><strong>Method</strong></td>
</tr>
</tbody>
</table>
Travel Behavior of Austrians – Overview data collection

Sampling → CRR and telephone book
Ex ante information → Info letter
Interviewing phase → CATI
Plausibility checks
Imputation, extrapolation

Tourism & Travel Statistics STAT

Primary Statistics
- Accommodation capacity
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- Same-day trips

Accommodation in AT
Travel Behavior of Austrians

Accounts
- Travel Balance of Payments
  - Income from incoming travel
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  - Value added
  - Labor force
Travel Balance of Payments - Factsheet

<table>
<thead>
<tr>
<th>What is calculated</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Aim</td>
<td>Integral part of BoP</td>
</tr>
<tr>
<td>Subject</td>
<td>Comparison of income (from incoming travel) and expenditures (of Austrian residents for travel abroad)</td>
</tr>
<tr>
<td>Coverage</td>
<td>Monetary flows in travel by destination and countries of origin (TS available from 1995, original 2006)</td>
</tr>
</tbody>
</table>

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Differences in the Tourism and Travel Concept

**IRTS 2008 (Chapter 8, part B)**

- The travel item of the BoP (TBoP) includes transactions associated with international tourism based on the concept of residence.
- The tourism statistics, respectively „accommodation statistics“ and „sample survey“ are the most important inputs for the compilation of the credit and debit side of the TBoB.
- However there are differences between the tourism concept on which tourism statistics are based and the travel concept on which TBoP is based.
- The differences touch the scope of individuals whose transactions are included and the scope of expenditures that are covered.
Differences in the Tourism and Travel Concept

IRTS 2008 (Chapter 8, part B)

- TBoP-definition related “Travel” is broader than that of the definition of tourism and the “visitor” in tourism statistics.
- TBoP considers students and medical patients as residents of their economy of origin, even if their length of stay is over one year.
- TBoP includes expenditure of seasonal and border workers under “Travel”.
- Tourism statistics reflects demand-oriented flows, but it does not show the actual monetary flows or payments.
- Considering package tours tourism statistics is showing demand-oriented information (e.g. by destination of the trip), which does not coincide with the actual monetary flow to the country of production of the package.

Key variables in Tourism Statistics:
- Trips
- Visitors
- Employment
- Supply
- Expenditure

Tourism is a subset of travel:
- Economy of Reference
- Residence Concept (not Nationality)
- The Usual Environment as striking criterion

Tourism AND Travel:
- Economy of Reference
- Residence Concept (not Nationality)

Methodological Frameworks:
- IRTS 2008 (UNWTO)
- IRTS 2008 Compilation Guide
- EU-Regulation on Tourism Statistics (Draft)

→ Being aware of these differences, following sources are used to compile the TBoP:
Travel Balance of Payments – Overview data sources

<table>
<thead>
<tr>
<th>Incoming (Export)</th>
<th>Outgoing (Import)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Accommodation Statistics</td>
<td>Travel Behavior of Austrians</td>
</tr>
<tr>
<td>T-MONA - Austrian National Tourist Office</td>
<td>Statistics on Student Mobility</td>
</tr>
<tr>
<td>CPI</td>
<td>Income Tax Statistics</td>
</tr>
<tr>
<td>Erasmus Statistics</td>
<td>Ad Hoc Modules for Tour Operators</td>
</tr>
<tr>
<td>University Statistics</td>
<td>Car Registration Statistics</td>
</tr>
<tr>
<td>Mirror Data</td>
<td>Booking Indicators of Reservation Systems</td>
</tr>
<tr>
<td>European Travel Monitor</td>
<td>Mirror Data</td>
</tr>
<tr>
<td>UNWTO</td>
<td>Estimates concerning Illegal Prostitution</td>
</tr>
<tr>
<td>Fessel GfK</td>
<td>Information from Package Tour Industry</td>
</tr>
<tr>
<td>Travel Behavior of Austrians</td>
<td>Credit and Debit Card Information</td>
</tr>
<tr>
<td>Business Statistics</td>
<td></td>
</tr>
<tr>
<td>Household Budget Survey</td>
<td></td>
</tr>
<tr>
<td>Wage Tax Statistics</td>
<td></td>
</tr>
<tr>
<td>Same-Day Trips by Germans to Austria - DWIF</td>
<td></td>
</tr>
<tr>
<td>Estimates concerning Illegal Prostitution</td>
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Tourism & Travel Statistics STAT

Accommodation capacity

Arrivals & overnight stays

Travel Behavior of Austrians

Accommodation in AT

Travel Balance of Payments

Income from incoming travel

Spending on outgoing travel

Tourism-Satellite Accounts

Value added

Labor force

Results 2011

- 67 tsd establishments
- 1.3 mn bedplaces
- 35 mn arrivals
- 126 mn overnight stays
- 17 mn leisure trips
- 3 mn business trips
- Approx. 70 mn same-day trips
- Excluding international passenger transport: 34.2 bn
- Excluding international passenger transport: 7.7 bn
- 29.0 bn consumption expenditure*
- 14.9 bn dir. value added*
- 307 tsd direct jobs*
- 260 tsd direct FTE*
- 7% of the economy*
Integrated Statistics – Example of Austria

The Austrian Tourism and Travel Statistics

Basic Surveys
- Capacity
- Arrivals and overnights
- Survey of Overnight Visits
- Same day visits
  
Supply Side
- Demand Side

Aggregates
- Travel Balance of Payments
- Tourismus Satellitenkonten
- Imports
- Exports
- Added value
- Employment

www.statistik.at
The Austrian Tourism and Travel Statistics

Accommodation Statistics
refers to: Internal Tourism (inbound and domestic)
Coverage of arrivals and overnight stays
in paid accommodation establishments (1600 reporting communes)

Sample Survey
refers to: National Tourism (outbound and domestic)
Quarterly CATI survey among Austrian residents (n=3500)

Guest Survey
refers to: Internal Tourism (inbound and domestic)
F2F survey among overnight holiday tourists
(20,000 interviews every 2nd year in summer and winter season)

The Austrian Tourism and Travel Statistics

Accommodation Statistics
refers to: Internal Tourism (inbound and domestic)
Coverage of arrivals and overnight stays
in paid accommodation establishments (1600 reporting communes)

Household Survey
refers to: National Tourism (outbound and domestic)
Quarterly CATI survey among Austrian residents (n=3500)

Guest Survey
refers to: Internal Tourism (inbound and domestic)
F2F survey among overnight holiday tourists
(20,000 interviews every 2nd year in summer and winter season)
The Austrian Tourism and Travel Statistics

**TSA**
Statistics Austria, Dept. Travel & Tourism Statistics
Austrian Economic Research Institute

→ refers to: **International Tourism** (inbound and outbound)
Covers expenditure in international travel – goes beyond definitions of the „tourism“ concept
Covers seasonal and border workers, students, etc.

**T-BoP**
Statistics Austria, Dept. Travel & Tourism Statistics

→ refers to: **Internal Tourism and Outbound Tourism**
TSA-Tables 1, 2, 3 and 4, covering internal and outbound tourism consumption
No tourism concept in narrow sense, but:
- TSA as part of SNA
- T-BoP as part of BoP and SNA (rest of the world)

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Integrated Aspect of Tourism and Travel Statistics

What means integrated Tourism and Travel Statistics?

Major tourism and travel statistics seem to be separate entities on the surface.

**But:** In Austria statistical aggregates related tourism are closely interlinked with respect to:
- harmonised concepts and definitions
- mutual inputs for compilation
- No Doublecounting!
- Try to be efficient in Data collection
Selection of the Sample is based on data of Accommodation Statistics
- Data are used for weighting and grossing up
- Harmonized questionnaire in major fields
Integrated Aspect of Tourism and Travel Statistics

- Visiting friends and relatives - no information from accommodation statistics

Harmonized questionnaire in major fields

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Integrated Aspect of Tourism and Travel Statistics

- Both sources cover „Domestic Tourism”
- Plausibility checks of outcomes

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Integrated Aspect of Tourism and Travel Statistics

- Major source for compilation of Credit Side
- Average daily expenditure of non-resident tourists in paid and non-paid accommodation

Guest Survey

T-BoP

Integrated Aspect of Tourism and Travel Statistics

- Major source for compilation of Credit Side
- Population of non-resident tourists in paid accommodation by country of origin (~60)

Accommodation Statistics

Detailed geographical breakdown

T-BoP
Integrated Aspect of Tourism and Travel Statistics

- Major source for compilation of Debit Side
- Harmonized questionnaire concerning expenditure items
- Delivers expenditure of business and private travellers
- Same day travellers included

- Detailed geographical breakdown
- Plausibility checks by credit card data

Sample Survey

T-BoP

Integrated Aspect of Tourism and Travel Statistics

- Expenditure for domestic tourism
- Outbound data (table3)

Sample Survey

TSA
**Integrated Aspect of Tourism and Travel Statistics**

- Population of travellers
- Breakdown by Bundesländer and hotel category

**Accommodation Statistics**

- TSA

**Integrated Aspect of Tourism and Travel Statistics**

- Average daily expenditure of goods and services
  - Accommodation
  - Food and beverage
  - Transportation
  - Etc.

**Guest Survey**

- TSA
Integrated Aspect of Tourism and Travel Statistics

Key figures for tourism receipts

- Rest of the world account of SNA
- Bridgetables for private consumption
- Expenditure of Business Travel as production input

www.statistik.at  slide 39  |  7-9 November 2012

www.statistik.at  slide 40  |  7-9 November 2012
Integrated Aspect of Tourism and Travel Statistics

Information from IO-Statistics

www.statistik.at

Integrated Aspect of Tourism and Travel Statistics

Input to...

www.statistik.at
The Austrian experience is just an example of how it can be done

The general aim should be:

To set up a consistent, cost efficient and effective system of Tourism and Travel statistics

which is in line with international guidelines!

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