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# The TSA-Standard-Tables

## Measuring Tourism employment



## SUBJECT MATTER:

- **Measurement of employment is limited** to that in **tourism industries**; the indicators are the number of jobs of employed persons having at least one job in these industries.
- **Major breakdowns** proposed:
  - ✓ according to the **gender** of the person employed,
  - ✓ according to a simplified **status in employment** (employees, self employed),
  - ✓ number of **hours worked**,
  - ✓ **full-time-equivalents (FTE)** by status of employment.
- For the number of employed persons, they are **classified by activity** according to **their main job**, defined either by the number of hours worked or by the income generated.
- As an additional variable, the **number of establishments** for each tourism industry is also presented, so that the average number of jobs for each establishment, by gender and status in employment, can be compiled.

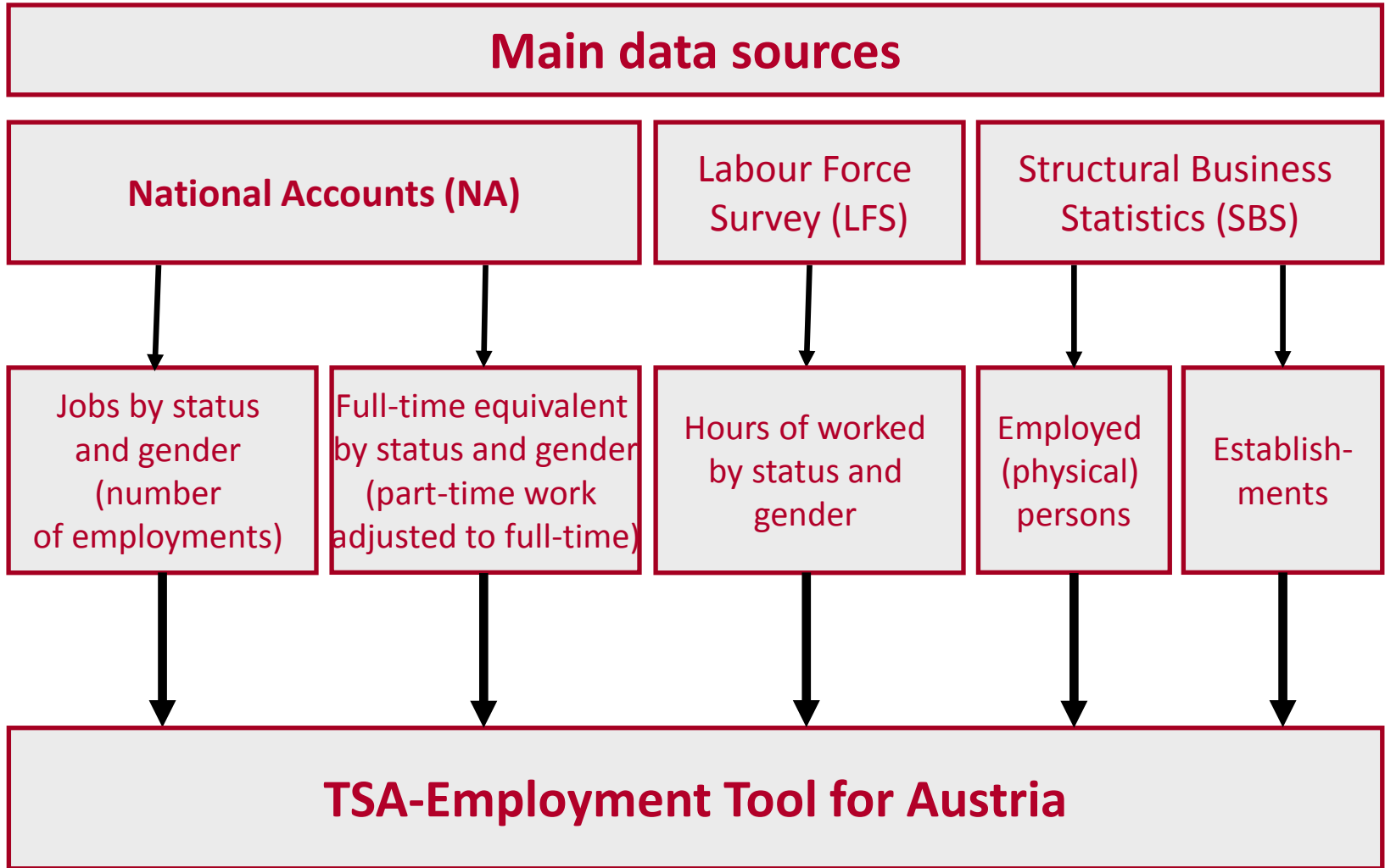
# TSA-Standard-Table 7: Employment in tourism industries



Tourism industries	Number of establishments	Number of jobs by status in employment (*)						Number of hours worked by status in employment (*)						Number of full-time equivalent jobs by status in employment (*)					
		employees			self employed			employees			self employed			employees			self employed		
		Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total
1 – Accommodation for visitors																			
1.a – Accommodation services for visitors other than 1.b																			
1.b – Accommodation services associated with all types of vacation home ownership																			
2 – Food and beverage serving industry																			
3 – Railways passenger transport																			
4 – Road passenger transport																			
5 – Water passenger transport																			
6 – Air passenger transport																			
7 – Transport equipment rental																			
8 – Travel agencies and other reservation services industry																			
9 – Cultural industry																			
10 – Sports and recreational industry																			
11 – Retail trade of country-specific tourism characteristic goods																			
12 – Country specific tourism industries																			
<b>TOTAL</b>																			

(\*) in the reference period

# TSA-Standard-Table 7: Employment in tourism industries (Austrian experiences)



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## Sources for measuring employment in the tourism industries:

- From the **demand side** - household surveys (e.g. LFS), **main challenges:**
  - ✓ Level of detail (sampling frame)
  - ✓ Snapshot at a given moment in time
  - ✓ Relationship of this snapshot with supply statistics
  - ✓ Non-permanent activities; seasonality
  - ✓ Individuals with more than one job
- From the **supply side** - surveys of economic activities (e.g. business statistics), **main challenges:**
  - ✓ Level of detail of activities (sampling frame)
  - ✓ Comparability of time series
  - ✓ Geographical coverage (sample surveys); e.g. rural areas or small villages
- Statistics based on **administrative records** (e.g. social security files, tax reports, employment reports), **but shortcomings:**
  - ✓ limited coverage
  - ✓ the exclusion of informal establishments and content
  - ✓ inflexible concepts and definitions
  - ✓ incompleteness, inconsistencies and restricted access due to legal or administrative constraints

# TSA-Standard-Table 7: Employment in tourism industries (Austrian experiences)



Tourism industries	Number of establishment	Number of jobs by status in employment						Number of hours worked by status in employment						Number of FTE jobs by status in employment					
		employees			self employed			employees			self employed			employees			self employed		
		M	F	Σ	M	F	Σ	M	F	Σ	M	F	Σ	M	F	Σ	M	F	Σ
Accommodation for visitors – Accommodation services for visitors other than 1.b – Accommodation services associated with all types of vacation home ownership*)																			
Food and beverage serving industry																			
Passenger transport: - Railway - Road - Water - Air																			
Transport equipment rental*)																			
Travel agencies and other reservation services industry																			
Cultural industry																			
Sports and recreational industry																			
Retail trade of country specific tourism characteristic goods*)																			
Other country-specific tourism industries*)																			
<b>Total</b>																			

... applying tourism ratios (TSA Table 6) to the corresponding industries!

# TSA-Standard-Table 7: Employment in tourism industries (Austrian experiences)



## Challenges:

- The Austrian TSA- employment tool does not highlight any information on **black or illegal labour or working family** members because of lacking data sources.
- The Austrian tourism is concentrated in space and time which causes great variation in the labour force demand. Nevertheless, the results based on TSA-Table 7 do not highlight **seasonal nor spatial variations**, since NA does not provide appropriate employment related data.
- The **integration of the tourism demand** side (applying “tourism ratios”) can only be used as indications, at least in terms of levels of employment: If output in an industry increases by 10%, this can, for instance, be the result of a decrease (rather than an increase) in tourism expenditure and a proportionally large increase in non-tourism expenditures in that industry (i.e. retail trade, subnational level).

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