



# EMPLOYMENT IN THE TOURISM INDUSTRIES

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Measuring the economic impact of tourism in Europe: the TSA

# Employment – General overview

## TSA:RMF Manual

- **Table 7** – Tourism in the tourism industries
  - Number of jobs
  - Number of hours worked
  - Number of full-time equivalent jobs
  - Breakdowns: status in employment, gender

## OECD Manual

- Measuring the role of tourism in OECD Economies (2000)
  - **Part II: Employment Module**
  - Supply-side perspective
  - General indicators extended by key employment variables
    - Gender, age, education, nationality, status in employment, working scheme, average seniority, average hours of work, earnings, permanency of jobs etc.

# Employment – Methodology

## Employment in tourism

- Variable of major importance
- Labour-intensive
  - Tourism industries are heavily dependent on the human factor
- Seasonality issue
  - Tourism demand varies according to seasons, working days, different day time
- Employment should be associated to a specific part of the output of a production activity which is generated by visitor consumption
  - Difficult to achieve
  - Solution could be to find out (estimate) a tourism ratio for particular industry (to make it easier – the same TR as for tourism supply can be used)
  - OR: consider total employment in the tourism characteristic industries

# Employment – Availability of data within Europe

## TSA publication (Eurostat 2016 edition)

- 4 variables
  - Number of jobs
  - Number of hours worked
  - Number of FTE jobs
  - Number of people employed
- Countries
  - 17 sent data
  - Only 1 (SK) all 4 variables
  - 46% coverage of this table

Table 11: Employment in the tourism industries (TSA Table 7)

Country	Number of jobs	Number of hours worked	Number of full-time equivalent jobs	Number of people employed
Bulgaria	:	:	:	:
Czech Republic <sup>(1)</sup>	225 283	410 973 500	225 448	:
Denmark <sup>(2)</sup>	:	:	227 273	:
Estonia <sup>(3)</sup>	:	:	21 585	:
Spain	2 323 000	:	2 009 700	2 270 900
France <sup>(4)</sup>	:	:	:	1 254 234
Latvia	:	:	:	:
Lithuania	42 228	:	:	:
Hungary	358 005	690 626 085	338 049	:
Netherlands	606 000	:	366 000	510 000
Austria <sup>(5)</sup>	334 300	:	270 500	3 704 100
Poland	:	:	130 012	:
Romania	388 871	3 416	343 224	:
Slovenia <sup>(6)</sup>	:	:	:	58 327
Slovakia	387 381	677 239 231	373 027	379 167
Finland <sup>(7)</sup>	136 500	235 000 000	120 400	:
Sweden <sup>(8)</sup>	:	235 490 000	134 137	:
Norway <sup>(9)</sup>	:	:	153 700	:
Switzerland <sup>(10)</sup>	:	:	166 935	:

Note: Reference year: 2011 (EE, ES and CH), 2012 (HU, PL, FI and SE), 2013 (BG, DK, LV, LT, RO, SK and NO) and 2014 (CZ, FR, NL, AT and SI).

<sup>(1)</sup> Data is based on the 'Tourism Employment Module' (TEM), which is compiled by CZSO. All data represents the so-called domestic concept of employment.

<sup>(2)</sup> A part of the numbers for the shipping part also includes freight and not only passengers.

<sup>(3)</sup> Number of full-time equivalent jobs is estimated only in tourism characteristic industries.

<sup>(4)</sup> For number of people employed, year 2014; Source: ACOSS (central agency of social security organisations).

<sup>(5)</sup> Absolute figures; 'number of people employed' in FTE; 2013 data.

<sup>(6)</sup> The number of people employed (employees and self-employed) is based on national accounts and corresponds to the total people employed in tourism industries. The number of people employed in tourism directly is 30 573 (calculation based on the number of persons employed in national accounts according to activities and tourism ratios of supply in individual activities).

<sup>(7)</sup> Employment and working hours in the tourism industries. Full-time definition based on the Labour force survey.

<sup>(8)</sup> RMF 2008.

<sup>(9)</sup> For details on the industries included, see comment under T6.

<sup>(10)</sup> Tourism employment in all industries.

Source: Eurostat, Data collection on TSA 2016.

# Employment – Experience of compilation in CZ

## Data sources

- National Accounts, Labour Force Survey (socio-demographic breakdown)

## Extension

- From TSA table 7 to Tourism Employment Module
- Methodological recommendation by OECD
- Different socio-economic and demographic characteristics
- Domestic concept of employment
- Tourism ratio for particular industry used
  - The same ratio as for tourism supply

# Tourism employment module – Results (CZ)



Statistics

We publish

Databases, registers

Classifications

Data collection












[Home](#) > [Statistics](#) > [Tourism](#) > [Tourism Satellite Account](#) > [Tourism Satellite Account Tables](#)  
> [TSA T7 - Employment in the tourism industries](#)

## TSA T7 - Employment in the tourism industries

- >  [TSA T7.1](#) Number of jobs and people employed in tourism in the Czech Republic by industries in 2003 (TSA table T7)
- >  [TSA T7.2](#) Number of jobs and people employed in tourism in the Czech Republic by industries in 2004 (TSA table T7)
- >  [TSA T7.3](#) Number of jobs and people employed in tourism in the Czech Republic by industries in 2005 (TSA table T7)
- >  [TSA T7.4](#) Number of jobs and people employed in tourism in the Czech Republic by industries in 2006 (TSA table T7)
- >  [TSA T7.5](#) Number of jobs and people employed in tourism in the Czech Republic by industries in 2007 (TSA table T7)
- >  [TSA T7.6](#) Number of jobs and people employed in tourism in the Czech Republic by industries in 2008 (TSA table T7)
- >  [TSA T7.7](#) Number of jobs and people employed in tourism in the Czech Republic by industries in 2009 (TSA table T7)
- >  [TSA T7.8](#) Number of jobs and people employed in tourism in the Czech Republic by industries in 2010 (TSA table T7)
- >  [TSA T7.9](#) Number of jobs and people employed in tourism in the Czech Republic by industries in 2011 (TSA table T7)
- >  [TSA T7.10](#) Number of jobs and people employed in tourism in the Czech Republic by industries in 2012 (TSA table T7)  
27.02.2015 (code: 020020-14)
- >  [TSA T7.11](#) Number of jobs and people employed in tourism in the Czech Republic by industries in 2013 (TSA table T7)  
01.03.2016 (code: 020020-15)
- >  [TSA T7.12](#) Number of jobs and people employed in tourism in the Czech Republic by industries in 2014 (TSA table T7)  
28.02.2017 (code: 020020-16)
- >  [TSA T7.13](#) Number of jobs and people employed in tourism in the Czech Republic by industries in 2015 (TSA table T7)

# Tourism employment module – Results (CZ)

## Tourism Employment Module

- >  TEM T1 Number of jobs and people employed in tourism in the Czech Republic by industries  
28.02.2017 (code: 020019-16)
- >  TEM T2 Number of people employed in tourism in the Czech Republic by seasonality  
28.02.2017 (code: 020019-16)
- >  TEM T3 Number of people employed in tourism in the Czech Republic by working scheme  
28.02.2017 (code: 020019-16)
- >  TEM T4 Number of employees in tourism in the Czech Republic by permanency of job  
28.02.2017 (code: 020019-16)
- >  TEM T5 Number of people employed in tourism in the Czech Republic by sex  
28.02.2017 (code: 020019-16)
- >  TEM T6 Number of people employed in tourism in the Czech Republic by age groups  
28.02.2017 (code: 020019-16)
- >  TEM T7 Number of people employed in tourism in the Czech Republic by level of education  
28.02.2017 (code: 020019-16)
- >  TEM T8 Number of people employed in tourism in the Czech Republic by nationality  
28.02.2017 (code: 020019-16)
- >  TEM T9 The link with the TSA - Employment output in tourism in the Czech Republic  
28.02.2017 (code: 020019-16)
- >  TEM T10 Aggregate indicators of employment in the national economy and tourism in the Czech Republic  
28.02.2017 (code: 020019-16)
- >  TEM T11 Aggregate indicators of employment in tourism in the Czech Republic  
28.02.2017 (code: 020019-16)

# Tourism employment module – Results (CZ)

## ■ Number of people employed 2015 = 227.7 thousand

v tom                      18 %            ⇒      Self-employed (41.3 ths.)  
                                    82 %            ⇒      Employees (186.4 ths.)

## ■ Y-to-Y (2015/2014)

Number of people increased by 2.7 ths.            ⇒      + 1.2 %

## ■ Number of jobs 2015 = 227.2 thousand

⇒ second and other jobs are included

⇒ full-time equivalent





# Tourism employment module – Results (CZ)

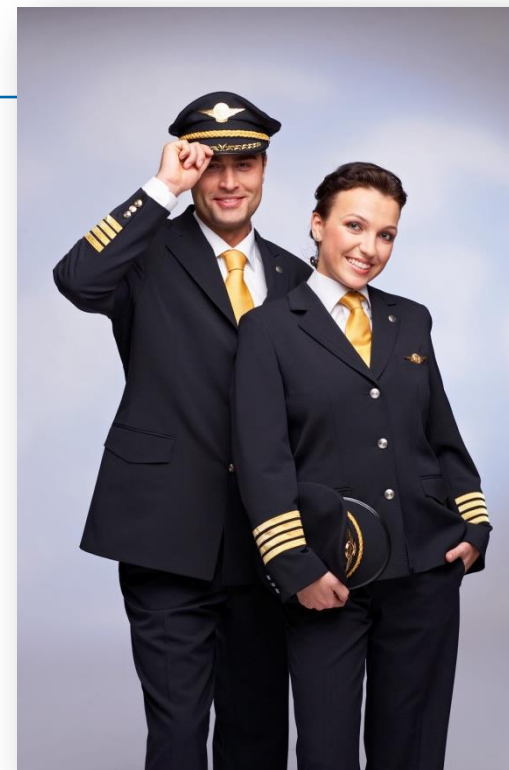
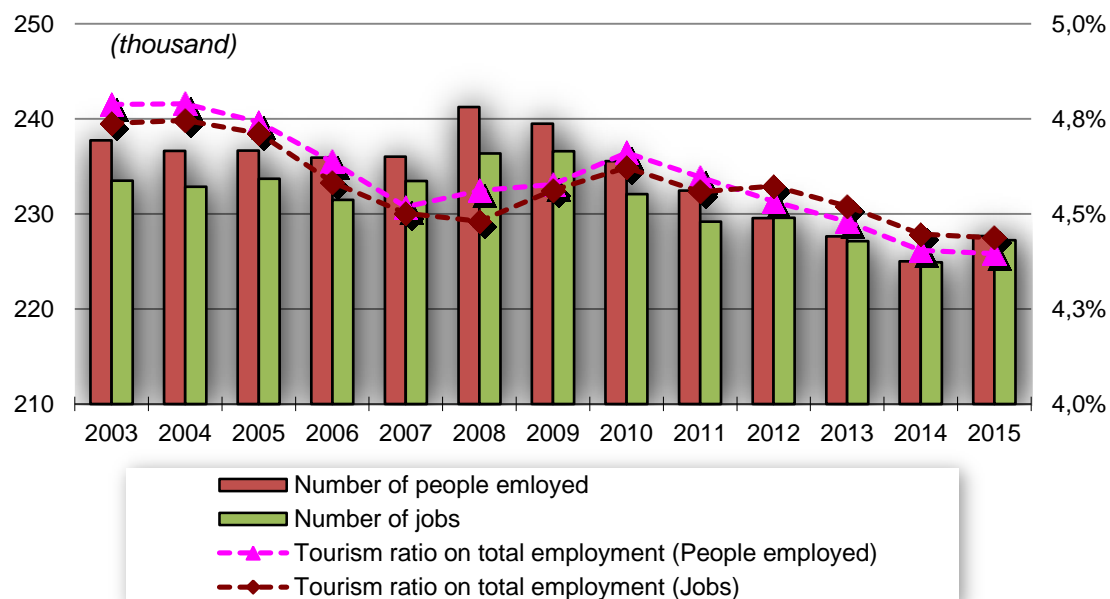
■ **Tourism share on total employment 2015** ⇒ **4.4 %**

Self-employed ⇒ 5.4 %

Employees ⇒ 4.2 %

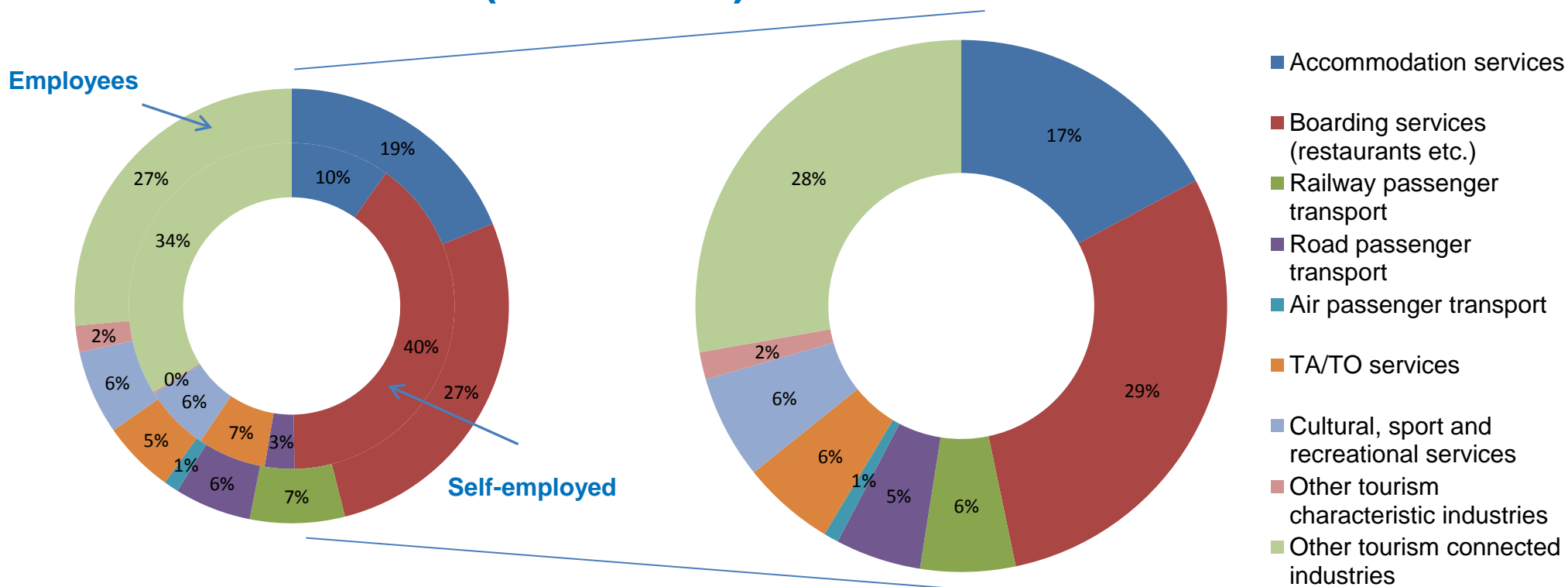
■ **Number of jobs in tourism** ⇒ **4.4 %**

**TOURISM EMPLOYMENT 2003-2015**



# Tourism employment module – Results (CZ)

## Employment by industries (share in %)





**Thank you  
Your experience –  
Questions – Remarks**