



TOURISM SATELLITE ACCOUNT

- CONCEPT OF TSA -

Czech Statistical Office

EU Twinning Project – GEORGIA

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TSA IN THE CZECH REPUBLIC

Concept and importance of the TSA

- TSA is a **globally recognized system** allowing international comparison of tourism statistics.
- It is supported by all major **international organisations** involved in tourism (EUROSTAT, OECD, UNWTO) $\Rightarrow$ international comparability
- A tool which serves to measure **economic impact of tourism** (incl. % of the tourism in GDP)
- Analytical and information background for decision-making of government bodies and the expert public
- Mathematical + statistical **model (balance between demand and supply)**
- It consists of ten mutually interlinked tables

Data sources

- **Direct effect of tourism** (no multiplication)
- National level, Yearly data, Details
- **Reference period 2003-2019**
- **9+1** TSA tables + **11** TEM tables + **2** RTSA tables



HISTORY OF TSA IN THE CZECH REPUBLIC

1999 - 2001

- The State **Concept of Tourism** (1999)
 - *to measure economic importance of tourism*
 - *to implement TSA into TSS in the CZ*

2002-2004

- **Feasibility study** of this task
- Identification and sorting of the available sources
- Determination of methodological basis
 - *Creating a new job*

2005-2008

- Consultations with foreign experts (DE, HU, AT)
- Adjusting the **supply side** of the system
- Publication about TSA in CZ (ref. 2003-2005)

2009 - 2012

- Fine-tuning of the methodology + Revision ref. 2003-2006
- **Tourism Employment Module (T7)**
- **Gross Fixed Capital Formation (T8)**
- First TA – Turkey, Romania, Slovakia + EU Projects
- Research of the consistency - TSA and TBoP

2013-2016

- Transposition according **TSA:RMF 2008** a **ESA 2010**
- Cooperation with EU (TSAs in Europe – voluntary transmission)
- TA (Romania, Kazakhstan, Azerbaijan)

2017-2020

- **Regionalization TSA**
- Workshops (UNWTO, Eurostat), ESTP, TA
- Expert Group of the TSA Compilation Guide - UNWTO

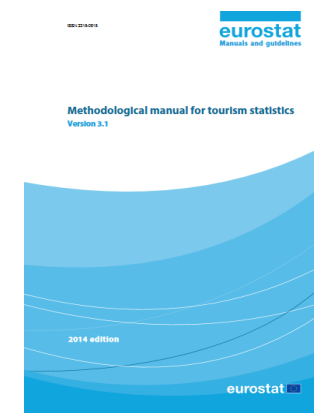
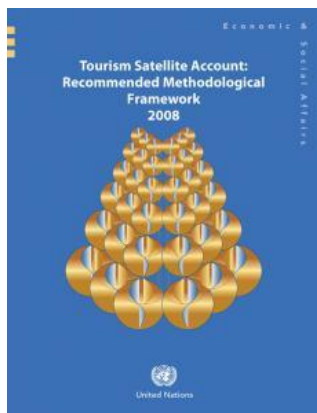
METHODOLOGICAL FRAMEWORK / CONCEPT

International methodological basis:

- *Tourism Satellite Account: Recommended Methodological Framework – TSA: RMF 2008 (UNWTO, OECD, Eurostat)*
- *European Implementation Manual on Tourism Satellite Accounts*
- *European system of accounts (ESA 95, ESA 2010)*

Related methodological linkage:

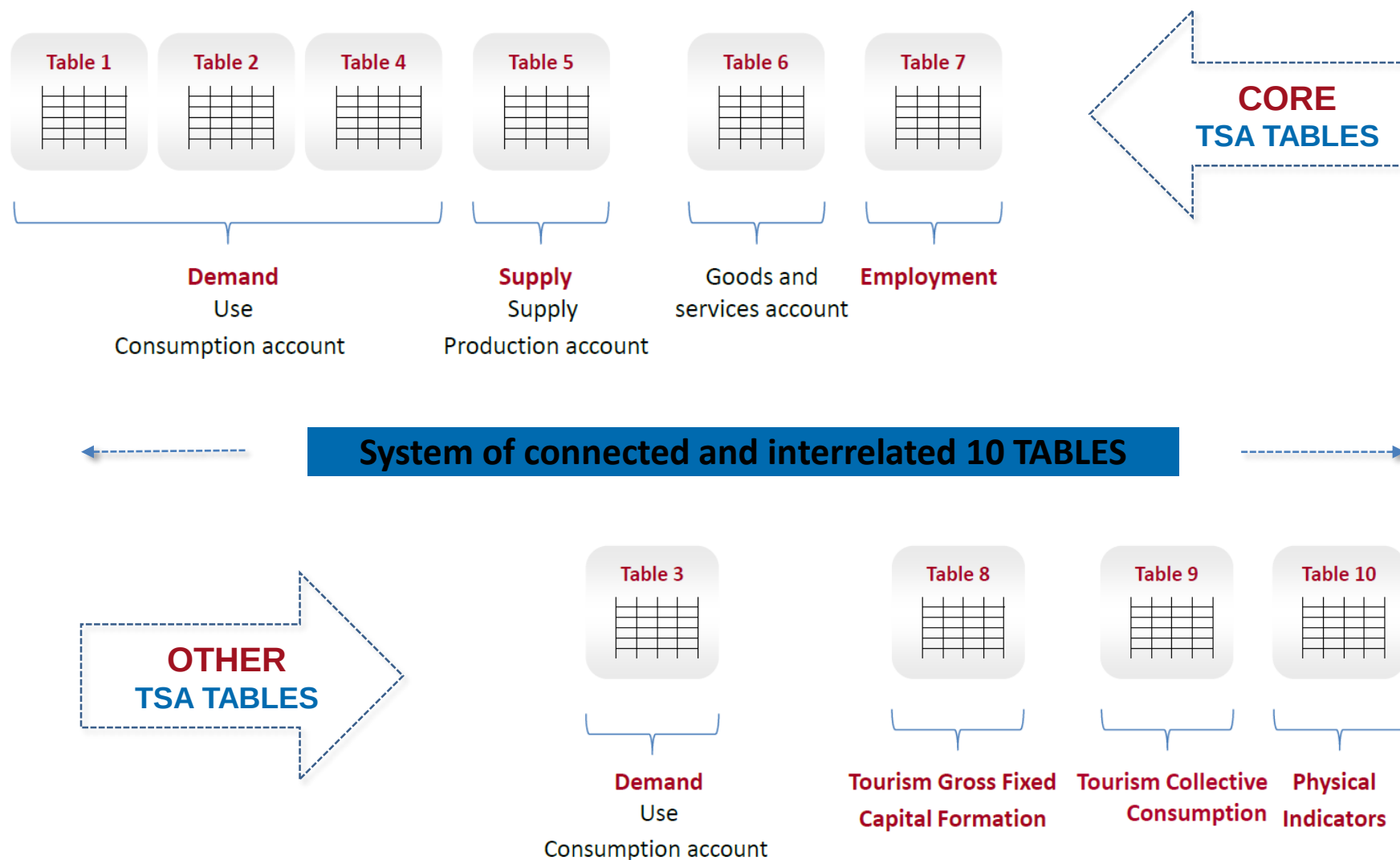
- *International Recommendations for Tourism Statistics – IRTS 2008 (UNWTO)*
- *Regulation (EU) No 692/2011 of the EP and of the Council concerning European statistics on tourism (ex 95/57/ES)*
- *Methodological Manual for Tourism Statistics (Eurostat)*



TSA SYSTEM OVERVIEW

	Czech name of the table		Detailed description of the table
T1	Spotřeba příjezdového CR	☒	Inbound tourism expenditure by products and classes of visitors.
T2	Spotřeba domácího CR	☒	Domestic tourism expenditure by products, classes of visitors and types of trips
T3	Spotřeba výjezdového CR	☒	Outbound tourism expenditure by products and classes of visitors.
T4	Spotřeba vnitřního CR	☒	Internal tourism consumption by products.
T5	Výrobní účty odvětví CR a ostatních odvětví	☒	Production accounts of tourism industries and other industries (at basic prices).
T6	Domácí nabídka a spotřeba vnitřního CR	☒	Total domestic supply and internal tourism consumption (at purchasers' prices)
T7	Zaměstnanost v odvětvích CR	☒	Employment in the tourism industries.
T8	Tvorba hrubého fixního kapitálu CR	☒	Tourism gross fixed capital formation of tourism industries and other industries.
T9	Kolektivní spotřeba CR	☒	Tourism collective consumption by products and levels of government.
T10	Nepeněžní ukazatele CR	☒	Non monetary indicators.

CORE vs. OTHER TSA TABLES



MAIN DATA SOURCE OF TSA

Demand side

- **Inbound Tourism Survey** – borders/attractions (MRD+CzT)
- **Occupancy of CAE** – at least 5 bedrooms and 10 beds (CZSO)
- **Tourism Sample (Household) Survey** – Domestic and Outbound (CZSO)
- Balance of Payments - TBoP (CNB)
- Ad-hoc studies, surveys, censuses...



Supply side

- **National Accounts** – main economic aggregates, SUT (CZSO)
 - ➔ Production (P.1, bp), Intermediate consump. (P.2, pp)
 - ➔ Import (P.7), Export (P.6), Taxes (D.2), Subsidies (D.3)
 - ➔ GFCF (investments)



Employment

- **National Accounts + LFS** ➔ Tourism Employment Module (CZSO)



TABLES OVERVIEW – FREE ACCESS (XLS)



Overview – TSA tables

Tourism demand

- 7 tables (TSA T1.1 – T4.2)

Tourism supply

- 3 tables (TSA T5.1 – T6.2)

Employment

- 2 tables (TSA T7.1 – T7.2)

Investment

- 2 tables (TSA T8.1. – T8.2)

Non-monetary indicators

- 2 tables (TSA T10.1 – T10.2)

Main indicators of the NE and tourism

- 1 table (TSA T11.1.)

Overview – TEM tables

Number of jobs and people employed

- 1 table (MZ T1)

Socio-demographic characteristics

- 7 tables (MZ T2 – T8)

MZ T2 - Seasonality

MZ T3 – Working scheme

MZ T4 – Permanency of job

MZ T5 - Sex

MZ T6 – Age groups

MZ T7 – Level of education

MZ T8 - Nationality

The link with the TSA - Employment output in tourism

- 1 table (MZ T9)

Aggregate indicators of employment in the national economy and tourism

- 2 tables (MZ T10 – T11)

Regional TSA – 2 tables: TDGVA, Employment

- Data by NUTS 2 (8 Cohesion Regions) and NUTS 3 (14 Regions)

A diagram showing two blue rounded squares. The top square is labeled 'CZ' and the bottom square is labeled 'EN'. A curved arrow points from 'CZ' down to 'EN', and another curved arrow points from 'EN' up to 'CZ', forming a cycle.

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→ All TSA tables and results - Time series

[illegible]

➡ **Selected TSA tables and indicators (incl. metainfo)**

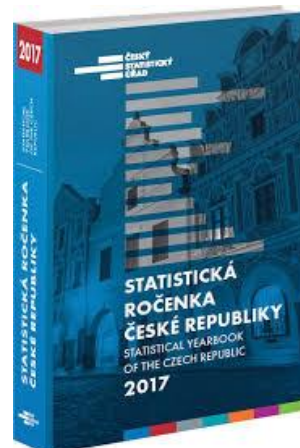
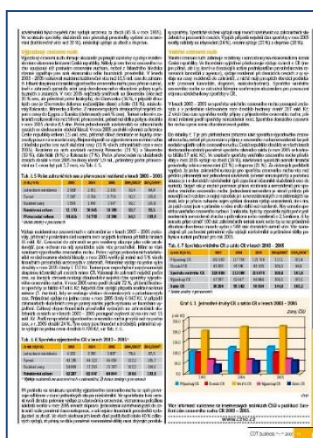
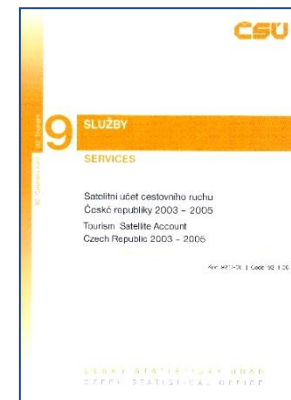
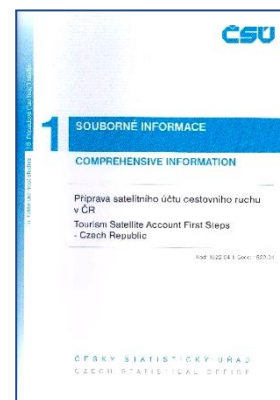
Home > Statistics > Tourism > Tourism - Methodology > TSA
[HTTPS://WWW.CZSO.CZ/CSU/CZSO/METHODOLOGY TIME SERIES TOURISM](https://www.czso.cz/csu/czso/methodology_time_series_tourism)

➡ Main methodology of Czech tourism statistics and TSA

DISSEMINATIONS + TYPES OF OUTPUTS

Forms of communications

- **Annual outputs - Time series**
- Statistical Yearbook
- Press Releases, Conferences
- Professional journals (Statistika Journal, Statistika & My, COT)
- External presentation





Děkuji za Vaši pozornost

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