

## **Construction of Regional Input-Output Tables in Practice**

Topic: Regional input-output modeling III

Author: Jakub Fischer

Co-Authors: Jaroslav Sixta, Kristyna Vltavska

The paper illustrates our methodology for construction of regional input-output tables in practice. It combines existing national input-output tables, sector accounts and regional accounts. The methodology is illustrated on the Czech example and provides a practical guide how to construct the tables from officially published input-output tables. General procedures are theoretically very well described in input-output devoted literature but there is still a long way to get useful results and construct regional tables with consistent and comprehensive data. The key approach lies in a practical compromise between regional accounts, sector accounts and input-output tables. The core of the method lies in splitting SNA 93 / ESA 95 input-output tables into directly separable and non-separable items. Then there is found a link between regional accounts and non-separable items with respect to current practise and quality of kind-of-activity unit definition. The paper illustrates the methodology from the construction of regional output matrices to the complete and balanced set of symmetric input-output tables for 14 regions of the Czech Republic. The aim of the paper was also to provide hints and explanation of obstacles found out in the construction of regional input-output tables.