

## **Analysis of the labour inputs in the input-output framework**

Topic: Physical and hybrid input-output tables 1

Author: Jaroslav Zbranek

Co-Authors: Jaroslav Sixta

The paper is focused on the change of labour intensity in time period between 1995 and 2009 in the Czech economy. The change of labour productivity is analysed in terms of change of labour intensity using input-output framework. The main issue is the construction of symmetric input-output tables expressed in time units. This tool gives the information on time needed for supplies and uses of goods and services broken down by commodity classification. The analysis is based on supply and use tables, symmetric input-output tables and hours worked. Hours worked are broken down by industries. Such analysis provides the information of the development of labour intensity in a sufficient detail (products) in time. The advantage of this approach is the elimination of monetary flows and the issue of deflation. Finally, the analysis is compared with volumes derived from input-output tables.