

## **Features of Russian Input-Output Accounts Reconstruction in NACE/CPA**

Topic: Input-Output accounts and statistics 2

Author: Elena Alekseevna Staritsyna

Co-Authors: Eduard Filaretovich Baranov, Igor Alexandrovich Kim

Because of the transition of Russian statistics to NACE/CPA, there appeared a break in the process of IO accounts annual elaboration for Russian Federation starting in 2004. The first benchmark IO accounts for Russia in the new classifiers for 2011 will be published only at the end of 2015. At the previous 19th IIOA conference, we proposed an approach that allows filling the gap in the time series of IO accounts.

The key requirement of IO accounts transformation from Soviet nomenclatures to NACE/CPA is the availability of information about the commodity output at basic and purchasers' prices for 2003 in the CPA format. It turned out in the course of the work that the supply table in NACE/CPA can't be properly obtained from the published supply table in Soviet classifiers because of the specific structure of the published table.

The solution to the problem becomes possible due to the inclusion of commodity output indicators for certain types of economic activities at basic prices from financial reports of Russian companies since 2004. That makes it possible to build the supply table for 2004 at current prices.

Then the constructed supply table for 2004 is converted into 2003 prices, using appropriate deflators. The structure of commodity output for each activity type for 2003 is assumed to be similar to the structure of the supply table for 2004 at constant (2003) prices and is adjusted for commodity output volume indices in 2004 relative to 2003.

The first approximation of the supply table for 2003 is constructed due to this procedure. To make this table consistent with the use table, the RAS-method with different modification can be applied. The IO accounts balanced in this way in the NACE/CPA format for 2003 will serve as the starting point for building IO accounts for subsequent years in accordance with the principles outlined in the report from the previous conference.