Development of Supply and Use Tables at the previous year's prices: Estonian experience

Topic: On the compilation of national accounts Author: Iljen Dedegkajeva

This paper deals with the Estonian experience in the compilation of the supply and use tables at the prices of the previous year. Statistics Estonia has recently published constant price estimates for the years 2001-2007 produced within the detailed supply and use framework. The established system follows mostly the principles and standards for the measurement of constant price annual national accounts data in the European Union. Major outcome of this work is the introduction of the double deflation method for the constant price estimates of production-based GDP. This paper gives a short overview of the system (i.e. integration of current and constant price data, level of product detail and price information used for deflation, estimation procedures for the main national accounts variables, balancing). The paper discusses the key principles of the constant price estimation such as consistency of valuation and consistency in deflation and provides examples of consistent deflation undertaken for domestic output and export sales within output, and for domestic and imported components of intermediate consumption and GFCF. The results of constant price GDP estimates for the years 2001-2007 calculated by single deflation (old methodology) and by double deflation (present methodology) are also provided.

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