

The Input-Output Matrices of the Brazilian System of National Accounts: methodology and sources of information

Topic: Databases for Multisectoral Analysis of the Brazilian Economy

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The third contribution to the organized session “Databases for Multisectoral Analysis of the Brazilian Economy” discusses the methodology and the data sources used in the compilation of Brazilian Input-Output Matrix for the year of 2015 (to be released in August 2018). The Brazilian Institute of Geography and Statistics (IBGE) initiated the estimation of Input-Output matrices in the 1970s and it maintains a regular production of quinquennial matrices at the national level beginning in 1980. Currently, the construction of these matrices is based on the Supply and Use Tables from the Brazilian System of National Accounts (SNA) and involves both the use of data produced by IBGE itself and the use of external sources of information. The main data structures, built from the IBGE's surveys, are the breakdown of the industrial production based on the Annual Extractive and Manufacturing industries Survey, the estimation of trade and transportation margins rates based, respectively, the Annual Survey of Commerce and the Annual Survey of Services, and the detailing of the intermediate consumption constructed from the Intermediate Consumption Survey. The preparation of Input-Output matrices also involves additional work to validate the data, in particular, the origin (national or imported) of the products consumed in each activity