

Recent Estimates of the Gross Fixed Capital Formation Matrix for the Brazilian Economy

Topic: Databases for Multisectoral Analysis of the Brazilian Economy

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The first contribution to the organized session "Databases for Multisectoral Analysis of the Brazilian Economy" addresses the methodology developed to and the data sources used in some recent estimations of the gross fixed capital formation (GFCF) by type of asset and by industry. The Industry and Competitiveness Research Group of the Federal University of Rio de Janeiro (GIC-UFRJ) estimated capital flow tables (CFT) for the Brazilian economy from 2000 to 2015, based on information from: the Brazilian SNA and I-O matrix official statistics (Brazilian Institute of Geography and Statistics - IBGE); the Commerce, Service, Construction, and Extractive and Manufacturing industries annual surveys (IBGE); the Brazilian National Development Bank credit lines (FINAME " BNDES); and the Brazilian external trade statistics (SECEX " Ministry of Industry, Foreign Trade and Services). CFTs are an important database for multisectoral analysis allowing, for instance, the dynamic modeling of an economic system, the capital stock estimation by asset and industry, the estimation of technological flow matrices and disaggregated analysis of GFCF. For each year from 2000 to 2015 there are imported, domestically produced and total (basic and consumer prices) CFTs valued at current and constant prices. We discuss the methodology developed and the data sources used in this estimation.