

The Methodology and Compilation of 2012 China Multi-regional Input-output Model

Topic:

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In this paper, we study and improve the methodology and procedures on how to build China's multi-regional input-output (CMRIO) model from previous ones, and develop the 2012 model. The structure and characteristics of the inter-regional IO model make it difficult to develop simply based on statistical and survey data, thus the scientific estimation methodology of the data is also important. In CMRIO model compilation work, we adopt the survey and non-survey methods and use the inter-provincial trade data from the national IO survey conducted by National Bureau of Statistics and various transportation data. The compilation also relies on each province's IO table, using the national table as the control totals. The big different of the methodology and procedures from previous CMRIO compilation is that we first conduct the consistency check between the national and provincial tables thus improve the provincial ones, and then we try to modify some control total policy to reduce the discrepancy.