

The methodology of compiling APECSUTs with discrepancies

Topic: Compiling and Applying the APEC TiVA Database

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With the leadership of China and U.S and the collective effort of the 21 APEC economies, the official APEC TiVA database will be completed in the early 2019. It is the first official APEC database constructed in the framework of SUT and based on bottom-up approach with the participation of 21 APEC economies. This article describes the methodology and procedures on how to build APECSUTs with discrepancies based on official supply and use tables of 21 APEC economies. APECSUTs with discrepancies means the draft version of APECSUTs linked based on the international SUTs of each economy, and the trade flow in the APECSUTs SUT doesn't consistent with the trade data.

Firstly, official supply and use tables submitted by 21 APEC economies are adopted, however, at present, supply and use tables are not available for most APEC economies, so, the SUT further of APEC economies are discussed and the methodologies of estimating and updating, price adjustment and import use matrix compiling by different categories of basic data also be introduced. Then, the linking process of the APECSUTs are discussed. The APECSUTs are available for the 2005 and 2012 with 51 products and give the values of transactions among 34 industries in 20 economies plus the rest of the world and from these industries to households, governments and users of capital goods in the same set of economies. The article describes how information from the National Accounts, Supply and Use Tables and International Trade Statistics have been harmonized, reconciled and used for estimation procedures to arrive at APECSUTs.