

The SAM as a tool of economic data base architectural design. The case of Chile: 2008-2011

Topic: SAM applications

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The SAM primarily is an accounting framework. If SAM microdata base is exhaustive then SAM is a map of the economy. The practical consequence of this two assumption is the SAM give the best approach to design economic multidimensional data base. In this paper we demonstrate that the two assumptions are realistic and prove that SAM is a robust data base model design. Demonstration are based on the four SAMs for chilean economy covering from 2008 to 2011. Those SAMs replicate in a matricial way all of the chilean national accounts officially published. In order to present the full data and the architectural design a Microsoft Access data base is used. This tool is easy to apply for any SAM or national accounts of every country. Many practical consequences are derived from that. For example, the data base model can be used in any new initiative to build a SAM every where. The model allows to implement a robust intertemporal and international data base with historical SAMs. Also, gives the best approach to extend the data model from national accounts standard framework to satellite accounts.