Presentation

This note relates to the metadata of the follow-up production account. Thus, it describes the definition, range, sources, and methodology used in preparing follow-up production accounts.

Definition and Scope

Definition

The Production Account of the Forestry industry includes from the operation of forestry nurseries up to the harvest of timber species, and the gathering of non-cultivated crops from forests. Timber species are divided into native species and exotic or introduced species. Forestry also includes the investment during the pertinent period originated in the industry itself, consisting in the plantation of forestry species, reforestation, and maintenance of artificial forests until harvest thereof.

The following variables are measured: Gross Output (GO), Intermediate Consumption, and Value Added for the Forestry industry.

Sub-industries / Sub-accounts

Forestry sub-industry is divided into four groups, as per economic relevance and technical characteristics of each of them: 1. Commercial harvesting and thinning of trees (wood for boards and pulp). 2. Production of firewood and coal on site. 3. Gathering of non-cultivated crops. 4. Forestation (nurseries planting and maintenance of forests).

Source Data

Economic Surveys

- Source Name: Annual National Industry Survey (ENIA).
  Reporting Institution: National Statistics Institute (NSI)
  Data used: Record data of income and expenditure from companies related to this industry.
  Frequency: Annual.

Statistical Forms & Reports

- Source Name: Forestry statistics bulletin.
  Reporting Institution: National Forestry Institute (INFOR).
  Data used: Harvested wood volume oriented to pulp and board production.
  Frequency: Annual.

Other Statistics

- Source Name: Price records.
  Reporting Institution: National Forestry Institute (INFOR).
  Data used: Prices of forestry products.
  Frequency: Monthly.

Compilation method
The compilation method to transform source data into the production account consists of the following stages:

**Aggregation, imputation and validation**

**Validations and Imputations**
The first stage involves the process of validating the information of this industry, based on record data on planted areas and harvested volumes, transformation rates by product group; domestic sales and exports.

**Classification**
The information used for preparing the Production Account of the Forestry industry is classified as per the International Standard Industrial Classification Rev. 3 (ISIC Rev.3). Products associated to this industry are classified in terms of the Central Product Classification (CPC).

**Estimation Procedures**

Generally, the procedures used for estimating the follow-up production account depend on the information sources available:

- In the benchmark compilation, every five years, there is often more complete information available; it is then possible, with the source data, to determine the "best level" for the production account components.
- There is generally less complete information for follow-up compilation. So, in order to obtain the "best-change", prices, quantities, and values from the source data above detailed are used as indicators, whose changes are applied to the levels of the 2003 benchmark production account, by extrapolation, deflation, inflactation, and identities.

The key aspects of the calculation procedure for the main aggregate transactions or variables of the Forestry follow-up production account are shown below.

i) **Gross Output (GO).** Value at constant prices is calculated by extrapolation, using quantity indexes. Value at current prices is determined by inflactation of GO at constant prices.

ii) **Intermediate consumption (IC).** Value at constant prices is obtained by extrapolation, using GO as indicator. Value at current prices is determined by inflactation of records at constant prices.

iii) **Value Added.** Value at constant prices is determined by extrapolation, using GO as a single indicator. Value at current prices is obtained as the difference between the GO (at basic prices) and the IC (at purchaser prices).

**Data Reconciliation**

The results of the Forestry production account are contrasted with the results of the Industry account results, specifically with output of wood and wood products, and manufacture of paper; that is, intermediate supply is contrasted with intermediate demand and with exports.

The results obtained from the Forestry industry account are analyzed in terms of temporal consistency. This means that consistency of figures is examined with respect to record data as to area, harvest and transformation rates. Comparison is also made with output record data of wood and paper industries.

The aggregate Livestock account is submitted to the balancing processes within the supply-use tables framework.
Data Access

Publication

This industry is a component of the Agriculture and Forestry group of the CBCH's publications. In the aggregate annual production account table, this industry is disseminated on a disaggregated basis for Agriculture, Fruit Farming, and Other Crops. In benchmark compilation years, when dissemination is done for 73 industries, Agriculture, Fruit Farming, Livestock and Forestry are disseminated on a disaggregated basis.

Production Account

Period: 2003 through 2007, Base 2003
Link: http://www.bcentral.cl/publicaciones/estadisticas/actividad-economica-gasto/aeg01e.htm
Tables: 1.37 through 1.41

Link:http://www.bcentral.cl/publicaciones/estadisticas/actividad-economica-gasto/aeg01b.htm
Tables: 1.30 through 1.47

Period: 1986 through 1998, Base 1986
Link:http://www.bcentral.cl/publicaciones/estadisticas/actividad-economica-gasto/aeg16a.htm
Tables: 1.29 through 1.56

Value Added and GDP

Period: 1960 through 1985, Base 1977