MANUFACTURE OF FOOD FOR ANIMALS

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
This industry includes the manufacture of food for birds, cattle, pigs, fish, and domestic animals.

The following variables are measured: Gross Output, Intermediate Consumption, and Value Added for the Manufacture of Food for Animals industry.

Source Data

Administrative Records
• Source Name: Income Statement.
  Reporting Institution: Tax Revenue Service (SII).
  Data used: Operating income and expenditure, depreciation of fixed assets, and compensations.
  Frequency: Annual.

Economic Surveys
• Source Name: Physical production and sales index (IPVF).
  Data used: Production and sales.
  Frequency: Monthly.

• Source Name: Annual National Industry Survey (ENIA).
  Data used: Production, consumption, prices, inventory change.
  Frequency: Annual.

Balance Sheets and/or Financial Statements
• Source Name: Annual Reports and Balance Sheets of companies.
  Reporting Institution: Companies engaged in production of Food for Animals.
  Data used: Operating income and expenditure, and depreciation of fixed assets.
  Frequency: Annual.

Statistical Forms & Reports
• Source Name: Industry Reports.
  Reporting Institution: Office for Agricultural Studies and Policies (ODEPA).
  Data used: Production data and market analysis.
  Frequency: Annual.
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 information contained in these indicators is validated with different sources of comparison, including aggregate information from companies of the industry included in the Annual National Industry Survey (ENIA), income information of this industry and supplied by specialized sources (ODEPA and Producers’ Associations).

Classification
The information used for preparing the Production Account of the Manufacture of Food for Animals 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 Manufacture of Food for Animals follow-up production account are shown below.

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

ii) Intermediate consumption (IC). Value at constant prices is determined by extrapolation, using quantity indexes of main inputs and GO as an indicator of other inputs. Value at current prices is determined by inflactation of records at constant prices.

iii) Value Added. Value at constant prices is obtained by the double-indicator
method. Value at current prices is obtained as the difference between the GO (at basic prices) and the IC (at purchaser prices).

Data Reconciliation

At a first pre-balancing stage, the results of the production account of this industry are validated with the above sources of comparison and with the domestic and imported supply of fish flour and oil, and wheat and corn, from the fisheries industry, agricultural industry, and imports.

The results obtained are analyzed, in terms of temporal consistency, with other statistics and reports from specialized bodies, with relation to price and quantity indicators. In the same way, inter-temporal behavior of series is analyzed in both nominal and real terms.

The aggregate Manufacture of Food for Animals account is submitted to the balancing processes within the supply-use table framework of follow-up production accounts.

Data Access

Publication

This industry is a component of the Food, Beverage and Tobacco group of the CBCH's publications, except for benchmark compilation years disseminated for 73 industries.

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