## SUGAR

<table>
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<th>Presentation</th>
<th>Definition</th>
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<td>This note relates to the metadata of the annual follow-up production account. Thus, it describes the definition, range, sources, and methodology used in preparing annual follow-up production accounts.</td>
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### Definition and Scope

**Definition**

This industry comprises the manufacture of beet-sugar and molasses.

The following variables are measured: Gross Output, Intermediate Consumption, and Value Added for the Sugar 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: Manufacturing companies.
  - 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.

### Other Statistics
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 basic sources are validated with different sources of comparison, including information provided by the Physical Production and Sales Index (IPVF) and the Annual National Industry Survey (ENIA), direct information from companies, income information of this industry and supplied by specialized sources (ODEPA).

Classification
The information used for preparing the Production Account of this 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 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 annual 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 Sugar industry annual follow-up production account are shown below.

i) Gross Output (GO). Value at constant prices is obtained by deflation of nominal value. Value at current prices is determined by extrapolation, using value index as indicator.

ii) Intermediate consumption (IC). Value at constant prices is determined by extrapolation, using quantity index of main input and GO as 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 supply of sugar beet.
from the agricultural industry.

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 Sugar Industry account is submitted to the transversal processes within the supply-use table framework of annual 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](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](http://www.bcentral.cl/publicaciones/estadisticas/actividad-economica-gasto/aeg01b.htm)
Tables: 1.30 through 1.47

Period: 1986 through 1998, Base 1986
Tables: 1.29 through 1.56

Value Added and GDP

Period: 1960 through 1985, Base 1977