**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**

The production account of the Supply of Gas industry comprises the manufacturing of gas-based fuels and their distribution through gas pipelines for industrial, commercial, residential, and other users.

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

**Source Data**

**Economic Surveys**

- **Source Name**: Survey of Gas Companies.
- **Reporting Institution**: Gas manufacturing and distribution companies.
- **Data used**: Physical sales and valued sales of natural gas and city gas by destination, purchases of natural gas, and cost of transportation through gas pipelines.
- **Frequency**: Annual.

**Balance Sheets and/or Financial Statements**

- **Source Name**: Financial statements, balance sheets, and annual reports of companies.
- **Reporting Institution**: Gas manufacturing and distribution companies.
- **Data used**: Operating Income and Expenditure.
- **Frequency**: Annual.

**Other Statistics**

- **Source Name**: Price and volume records.
- **Reporting Institution**: National Statistics Institute (NSI), CBCH (Central Bank of Chile).
- **Data used**: Consumer Price Index (CPI), Wholesale Price Index (WPI), imports by product group.
- **Frequency**: Annual.

**Compilation method**

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

**Aggregation, imputation and validation**

Information resulting from surveys is validated with the financial background information reported by companies in their balance sheets and annual reports.
Classification
The information used for preparing the Production Account of the Supply of Gas 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 Supply of Gas 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 value extrapolation, using value indexes.

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 double indicator, applying double extrapolation. Value at current prices is obtained as the difference between the GO (at basic prices) and the IC (at purchaser prices).

Data Reconciliation
Price and quantity comparisons are performed. Therefore, for instance, residential consumption prices are compared with the gas price variation from the Consumer Price Index (CPI). Regarding imported gas purchases, information from surveys is confronted with the information from Customs.

The results obtained are contrasted, both in real and nominal terms, with the cross- and intra-industry information available. Information of companies contained in surveys is compared with the information contained in their financial statements.

The Supply of Gas account is submitted to the balancing processes within the supply-use table framework.

Data Access
Publication
This industry is a component of the Electricity, Gas, and Water 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-
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