FREIGHT TRANSPORT BY ROAD

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

Freight Transport by Road involves all kinds of freight transport by road, including trucking of a great variety of products, such as refrigerated products, bulk load, heavy load, cattle, etc. It is a subdivision of land transport, which is limited to services rendered to third parties and rental of trucks with driver or operator.

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

Source Data

Administrative Records

- Source Name: Income Statement.
  Reporting Institution: Tax Revenue Service (SII).
  Data used: Revenues from relevant line of business, costs, fees, compensations, and depreciation.
  Frequency: Annual.

Economic Surveys

- Source Name: Survey on Freight Transport Service.
  Data used: Operating sales and income, Costs, Operating Costs, Compensations, and Depreciation.
  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 imputation process is based on the analysis of Income/Costs ratios by tier. Apart from the imputation process, income information is subject to different statistical analyses.

Classification

The information used for preparing the Production Account of the Freight Transport by Road 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, inflation and identities.

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

i) Gross Output (GO). Value at constant prices is determined by extrapolation, using quantity indexes (activity index of the main intermediate demanding industries). Value at current prices is determined by inflation of records at constant prices.

ii) Intermediate consumption (IC). Value at constant prices is obtained by extrapolation, using GO as a single indicator. Value at current prices is determined by inflation 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 aggregate Freight Transport by Road account is submitted to the balancing processes within the supply-use table framework.

Data Access

Publication

This industry is a component of the Transport 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