

First Data Review Workshop

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Country : Bhutan

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Outline of the presentation

- Background on SNA
- Choice of base year
- Level of aggregation
- Specific Data source
- Compilation methodology
- Result and finding
- Issues and problems encountered

Background on SNA

- Compiled mainly based on Production approach
- Expenditure approach are also adopted
- Data series dates back to 1980
- One time the base year was 1980
- In 2005 the base year was revised to 2000 with the TA from ADB

Cont'

- In the revision the efforts were made to capture all the available information that were not captured earlier.
- Some economic sectors were further disaggregated in to sub-sectors in line with the ISIC to maintain the standard comparability with rest of the country.

Cont'

- Some concepts of SNA 1993 were followed in compilation and in presenting the data in the table
- The GVA/GDP are estimated at both current and constant prices
- Single deflation method is used in estimating constant prices

Cont'

- The reports were published annually with the time lag of eight months.
- The data are disseminated both in hard and soft copy
- Also the office is in the process of coming up with the quarterly GDP estimates

Choice of base year

- Base year of GDP estimate is 2000
- For the purpose of RETA, data of the year 2007 were duly filled in the matrix format and submitted
- The base year can be any year prior to 2007 subjected to agreement with other member country

Level of aggregation

- In most case data are available at one digit level.
- Most administrative data are at aggregated level only
- Only in some of the manufacturing industries disaggregated information were able to obtain at three or four digit level

Level of aggregation

- In some cases, like agriculture, transport live stock and mining only the Gross output (GO) are able to obtain at some disaggregate level but no in Intermediate consumption.
- For some sectors the data are only at one digit level for both gross Output and Intermediate Consumption.

Specific Data source

- The data for the compilation of GO and II are collect from the following source:
 - ✓ The administrative data
 - ✓ Census and survey
 - ✓ and some case study

Administrative data source

- For the following sectors data are compiled from the administrative source:
 - Forest: Financial statement from Natural Recourse Development corporation (NRDCL)
 - Mining and Quarrying : Profit and lost accounts from the companies and the record maintained by the Department of Geology and mines

Cont'

- Manufacturing: The Profit and lost Accounts submitted by the individual companies
- Electricity; The accounts submitted by the individual generating are made used.
- Water: amount of revenue generated from the supply of water from the municipal Authority

Cont'

- Whole sale & retail trade and Hotel and restaurant: Sale tax revenue from the Department of revenue is used
- Transport: No. of motor vehicles record maintained by the Road safety and Transport Authority and also the annual audited accounts from the companies
- Communication: Audited accounts from the companies

Cont,

- Finance and Insurances: audited reports from the individual report
- General Government: Annual Govt. Budget report

Census and survey

- Census and survey like PHCB-2005, HIES-2000, BLSS-2003 and BLSS-2007 were made used in estimating the consumption and owner occupied dwelling.
- Agriculture census-2000 by the ministry of Agriculture were used as bench mark to estimate the Agriculture output

Case study

- Some case studies were conducted base on the need to update the GVAR for sectors like Construction, trade, hotels and transportations

Compilation methodology

- Production approach is used
- - Based on the available information first the Gross Output is obtained at the current prices
- And then the IC is identified from the list of expenditure in the audited report at the current prices.

Result and finding

- Based on the available information from the worksheets GO and IC were compiled at different disaggregated level
- In most of the sectors the GO and IC are at the aggregated level only

Issues and problems encountered

- Non availability of data at the disaggregated level
- Classification of some of the sectors in the industry group as presented in the GO II matrix, as Bhutan do not have customized version of ISIC and other standard international classification
- Need to develop Bhutanese version of ISIC

Thank You