National Accounts of Cambodia

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1. Background

- Compile agency: **Department of National Accounts, National institute of Statistics**

- The National Accounts of Cambodia was established in 1993 and based on 1968 UN System of National Accounts and continuing works to adopt the UNSNA1993.

- Two methods were compiled namely: **Production** and **Expenditure** approaches and both expressed in current and constant prices.

- In late 2005 the Quarterly National Accounts (QNA) was released first time and this work is continued onward.

- Time lag is 6 months for annual national accounts and 3 months for quarterly national accounts.

1. Background (cont)

1. **Technical Assistant for National Accounts**: to strengthen macroeconomic management and follow the UNSNA the national accounts department received technical assistant as followed:

- **Asian Development Bank (ADB) 1993-2003.** This period is under project of the Strengthening of Macroeconomics Management and Training Project. This TA is focused on the following fields:

  - Recovering data from MPS to SNA
  - Benchmark Establishment survey, 1994, 2000
1. Background (cont)

- Price indexes
- Compile administrative data
- Training staff and
- Compile the GDP by economic activity and expenditure from 1993 onward

This period national accounts department received a resident adviser to look after the macroeconomics data which cover real sector, financial sector and fiscal sector. For real sector he is focused on the following fields:
1. Background (cont)

- Improve the coverage of economy
- Improve sources of data
- Develop methodologies
- Use of survey data such population, labor force, Socio-economic survey, establishment survey and other surveys...

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1. Background (cont)

Statistics Sweden 2008-2014
This project aimed to strengthen the framework of Cambodia National Accountants to adopt the UNSNA 1993 and improve quality of estimations. This project has the following objectives:
- Providing Training on 1993 SNA and application to the real data such administrative, census and surveys data...
- Restructure of accounts and simplify
- Develop a software program
1. Background (cont)

- To continue to adoption of SNA 1993
- Rebase to 2006 base year

2. Structure of National Accounts

1. Approach to GDP Estimation - Two methods were compiled Production and Expenditure approaches and both expressed in current and constant prices.
2. Structure of National Accounts (Cont)

2. Quarterly and annual production, Value added

Agriculture, forestry and fisheries
- Statistics on agriculture, forestry and fisheries annual production and monthly report by MAFF

Value added in manufacturing industries
- Industry outputs quarterly by garment sector, adjustment output by industry indicators

Electricity and water
- Statistics on electricity and water, import of gas CPI and PPI

2. Structure of National Accounts (Cont)

2. Quarterly and annual production, Value added (Cont)

Construction
Information on investment building, CPI and PPI

Market services
Trade, tourism, transport, finance, other service production volume index, indicators, wages index, CPI, PPI

Government
Central government report monthly, CPI
2. Structure of National Accounts (Cont)

Household consumption, quarterly and annual
Benchmark estimate base on household survey
Extrapolation by indicators, CPI

Government consumption, quarterly
Central government expenditure, CPI

GFCF, quarterly
Import, investment board, CPI

Change in inventory, annual
Import, export, agriculture, trade… CPI, PPI

2. Structure of National Accounts (Cont)

Export and import, quarterly and annual
Trade in goods, DoCE, EPI, CPI, PPI
trade in service, BoP, EPI, CPI, PPI
2. Structure of National Accounts (Cont)

Quarterly GDP, in short

VA extrapolated by indicators
Aggregated levels
Revise backward when data available
Fixed output coefficients

2. Structure of National Accounts (Cont)

Calculation and Balance

Supply = Use

+ Output + Intermediate consumption
+ import + Consumption expenditure
+ taxes on product + Fixed capital formation
- Subsidies + Export

Commodity flow technique was used to balance accounts
3. Data Sources

MAFF - agriculture outputs and commodity prices data

MIME - large and small business register data

Ministry of Commerce - GSP exports data

Ministry of Land Management, Construction and Urban Planning - building approvals data

Ministry of Tourism – tourist arrivals and expenditure data

NBC - BOP and financial sector data

MOPW&T - transport data & MPTC - post and telecommunications data

MEF - TOFE data & CDC - NGO expenditure and FDI approvals data

Phnom Penh Municipality, EDC and other data providers

3. Data Sources (Cont)

Economic Census, 2011


Establishment surveys, 1994, 2000, 2007..


Retail trade survey, yearly

Tourism expenditure surveys, yearly

Transportation survey, yearly

Investment survey, 2003

Other studies
4. Highlight of Cambodian Economy 2015

- **GDP in bill Riels: 73,423; in which:**
  * Agriculture: 19,516 bill Riels (26.6 %)
  * Industry: 20,323 bill Riels (27.7%)
  * Service: 29,246 bill Riels (39.8%)

- **GDP in Mil USD: 18,242 (4,025 Riels/USD)**
- **Per capita :1,218 USD**
- **GDP growth: 7.0%**
- **GDP deflator : 1.7%**

Thank You