Supply Utilization Accounts/Food Balance Sheet of the Philippines

Evangelista, Joseph C.
Cammayo, May G.

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OUTLINE OF PRESENTATION

1. BACKGROUND

2. BASIC EQUATION/ESTIMATION FLOW/DATA REQUIREMENTS AND SOURCES

3. ACTIVITIES

4. DATA COMPILATION ISSUES AND CONCERNS

5. WAY FORWARD
BACKGROUND

SUA of Selected Agricultural Commodities
- 82 agricultural commodities
- Bureau of Agricultural Statistics (BAS)
- Philippine Statistics Authority (2013-present).

SUA/FBS of FAO
- 760 commodities
- Excel Program
BASIC EQUATION

SUPPLY
- Beginning Stock
- Production
- Import

= UTILIZATION
- Export
- Domestic Utilization
  - (Seeds, Feeds and Wastes, and Processing)
- Net Food Disposable
- Ending Stock
## DATA REQUIREMENTS AND SOURCES

<table>
<thead>
<tr>
<th>ITEM</th>
<th>SOURCE OF DATA</th>
</tr>
</thead>
<tbody>
<tr>
<td>Production</td>
<td>PSA Palay and Corn Production Survey (PCPS)</td>
</tr>
<tr>
<td>Trade</td>
<td>Trade Statistics Division of PSA</td>
</tr>
<tr>
<td>Stocks</td>
<td>PSA Palay and Corn Stocks Survey National Food Authority (NFA) data</td>
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<tr>
<td>Population</td>
<td>Population Projection from the Demographic and Social Statistics Division of the PSA</td>
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<tr>
<td>Nutrient Factors</td>
<td>Food Composition Table (FCT) on Per Capita Food Intake published by the DOST-FNRI</td>
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</table>
From 2014 to 2016, rice production averaged 11.9 million metric tons. It declined by an average rate of 3.60 percent yearly. From 12.4 million metric tons in 2014, it went down to 11.9 million metric tons in 2015 and further dropped to 11.5 million metric tons in 2016. Total supply decreased by an average of 0.86 percent per year. It was highest at 16.0 million metric tons in 2015 and lowest at 15.3 million metric tons in 2016.

Rice imports, which shared an average of 6.75 percent in the total supply, fluctuated during the three-year period. From 1.1 million metric tons in 2014, it rose to 1.5 million metric tons in 2015 but declined to 0.6 million metric tons in 2016. Exports averaged 1 thousand metric ton during the reference period.

The total net food disposable posted a decreasing trend from 11.4 million metric tons in 2014 to 11.1 million metric tons in 2016. It averaged 11.3 million metric tons. Likewise, the per capita net food disposable recorded continuous reduction from 114.35 kilograms in 2014 to 107.84 kilograms in 2016. On the average, the annual per capita net food disposable was estimated at 111.27 kilograms.
Philippine participation in the FAO project, 2013


To attain the project’s objective of “enhancing the analytical skills of the countries to produce quality and timely food security and nutrition information for the assessment and monitoring progress toward achieving national policy objectives as well as international commitments and goals.”
ACTIVITIES

First Regional Training/Workshop on Supply Utilization Accounts/Food Balance Sheets (SUA/FBS),
March 3-7, 2014, Pattaya, Thailand

Objective
To train national experts in the preparation of the Supply Utilization Accounts for the compilation of country’s yearly Food Balance Sheets.

Output
Two (2) national experts were capacitated in the SUA/FBS systems developed by FAO.
ACTIVITIES


Objective
To equip the participants in analyzing available food and agriculture data and using standardized methodologies and tools to produce quality and timely food security and nutrition statistics for sound decision making.

Output
Prepared FBS FAO-based system covering the period 2009 to 2012.
ACTIVITIES

Second National Training/Workshop on Supply Utilization Accounts/Food Balance Sheets (SUA/FBS), March 16-20, 2015, Philippines.

Objective
To provide training on the concepts and definitions of SUA/FBS and their compilation procedures to learn and understand the current SUA and FBS system based on the recommendations of the FAO.

Output
Updated SUA/FBS using the FAO-based system for the years 2009 to 2013.
ACTIVITIES


Objective
To train participants in testing the integrity and reliability of food and nutrition data that have been updated, revised and compiled into the SUA for 2009-2013.

Output
Updated and revised SUA/FBS for 2009-2013 based on the comments and statistical discrepancy checks for Nepal, Lao PDR and Philippines.
ACTIVITIES

Workshop on Validation of the 2009-2013 SUA/FBS,
August 11-12, 2015, Philippines

Objective
To validate the specific commodities/items included in the SUA/FBS.
To discuss and resolve issues in the compilation of the preliminary 2009-2013 Food Balance Sheet.

Output
Validated the SUA/FBS list of commodities for crops, livestock, poultry and fisheries vis-à-vis trade commodities.
ACTIVITIES

Regional Training Workshop on Food Security Statistics,
September 21 to 23, 2015, Bangkok, Thailand.

Objective
To compile, verify and validate country Supply and Utilization Accounts (SUA) and generate Food Balance Sheets (FBS).

Output
Validated SUA/FBS
ACTIVITIES

Regional Training Course of Supply Utilization Accounts/ Food Balance Sheet Methodology and Compilation Tool, November 20-24, 2017, South Korea

Objective
To provide developing countries with the methodological framework and tools to compile high quality Food Balance Sheets.

Output
Updated and revised SUA/FBS for 2014 to 2016 based on the suggestions/learnings from the training.
ISSUES AND CHALLENGES IN DATA COMPILATION

- Some local commodities do not fall on the same category with the FAO list.

- Data gaps
  - No data on production for the processed commodities and some commodities in raw forms
  - With production but no corresponding parameters for utilization

- Matching of commodity items and trade data.
ISSUES AND CHALLENGES IN DATA COMPILATION

- Outdated technical conversion ratios and parameters.
- The nutrient factors of some commodities are disaggregated by parts.
- For further review of commodities under Not Elsewhere Specified.
- Institutionalization of the new SUA/FBS Methodology and Compilation Tool
WAY FORWARD

- Capacity Building (workshop/training) for SUA/FBS compilers.
- Updating of parameters through field visits and research (desktop and library)
- Regular compilation of Philippine SUA/FBS developed by FAO.
- Refinement of FAO FBS Excel based system
- Advocacy program to promote the usefulness and utility of FBS.
THANK YOU!