



منظمة الأغذية
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Food and
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Organización
de las
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para la
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**Experience in compilation of food balance sheet in
Vietnam**

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Background

- The Food Balance Sheet an indicator of the national statistical indicator system of Vietnam.
- In 2013 FAO supported Vietnam in compiling 10 products: Paddy Rice, Rice, Corn, Sugarcane, Coffee, Pork, Poultry, Poultry Eggs, Fishes and Shrimp.
- Annually, Vietnam provide data on export and import for the implementing compilation of FBS done by FAO.

Organization of meetings

- According to the plan to implement the global strategy, in June 2017, FAO organized National training workshops on compilation of supply and utilization account and food balance sheet (5 days) to participants from GSO and MARD.

Availability of Data

- **Primary as well as processed/derived commodities**
 - Production of main crops, livestock and fisheries: From agricultural, Fishery sample surveys
 - Food Processing: From annual enterprises survey
 - Processed products originated from agriculture and fisheries: Annual Enterprises Survey (done by 2015, 2016)
 - Opening and ending inventory change: National reserve data of some main products from the Ministry of Finance
 - Import and export data: From the administrative database of the Ministry of Trade and Industry, including:
 - + Quantity: There are only a few main items
 - + Value

Availability of Data (Cont.)

- Quantity of Food using in family: Data from Vietnamese Household Living Standard Survey.
- Table of components of Vietnam
- **Other activities for FBS construction**
 - Estimating quantity of seed for cultivation;
 - Estimating quantity of feed for livestock and poultry
 - Estimating Waste: From 1 – 3% of quantities
 - Expected spending on food by foreign tourists (about 10 million visitors per year)
 - Reports on informal of Agricultural commodities
 - Using EXTRACTION RATE for estimation

Status for compilation FBS

(1) For Rice, Paddy

- **seed:** estimation: Volume for seed = seed amount per unit area x cultivated area
- **feed:** estimated
- **waste:** estimated = 1% - 3% of output

Status for compilation FBS(Cont.)

(2) For pigs:

- **Export:** number of pigs exported: Data obtained from export of live animals with HS code 010392 (export date is only data on value, temporarily assuming 1 kg of live weight for export is \$ 2.2, the average weight is 70kg to calculate the head count)
Especially 100 000 tonnes of live pigs (through the press) to China to estimate the number of head, the average weight of 70kg

Status for compilation FBS(Cont.)

(3) Pig meat

- **EXTRACTION RATE/YIELD:** estimated to be 500 (on average a 50 kg meat)
- **Import and Export:** get data from the customs, but data is only value, temporarily assume 1kg of export is 3USD, data about pigmeat, not converted)
- **Stock Exchange:** assign = 0
- **Processing:** from the enterprise survey in 2013 and there is an additional estimate for 2015

(4) For the offal of pigs, edible:

- **Import:** Get data from the customs, temporarily assume 1kg export is 2 USD)

Activities for compilation (Cont.)

(5) For the pork

- Import and Export: source of data is official from the General Department of Customs, data is value, temporarily assume 1kg imported is 5 USD).

(6) Hen eggs

- Estimated number of eggs to weigh: 55-60 g per egg
- Eggs for breeding: estimated number of breeding eggs = number of chicken for slaughter in the year + estimated number of dead animals in the year
- Waste: estimated = 1% - 2% total of eggs

Issues and Challenges on data

(1) Lack of data source:

- + No information volume for seed
- + There is no information on loss, inventory in stages from production to using in family
- + Products are not controlled when imported and exported.
- + Excluding food for foreign tourists
- + Estimates are hypothetical, not officially verified

(2) Lack of documentation, tools or alternative uses of data sources or estimation methods.

Way Forward

(1) Finalizing the testing of five main products: Rice, maize, sugarcane, pork, eggs

+ Reviewing, updating, calculating available information sources

+ Calculate the data not available:

+ Completing calculation coefficients:

- Carcass weight
- Meat imports and exports
- Egg weight

(2) Hold workshop to announce the balance sheet for some key products (expected in June-2018)

(3) Building documentation for compilation FBS of Vietnam

Thank you