

PHILIPPINES

Supply Utilization Accounts / Food Balance Sheets¹

A. Outline of Presentation

- I. SUA / FBS for 2009, 2010 and 2011**
- II. Documentation**
 - **Data sources**
 - **Data problems**
 - **SUA/FBS food commodity items**
 - **Conversion factors, nutrition coefficients, etc.**
- III. Future Work Plan (FBS 2009, 2010, 2011)**
- IV. Next Step**

1.SUA / FBS for 2009, 2010 and 2011

PHILIPPINES																		
Food Balance Sheet																		
2009				2010				2011										
Population ('000):			92,226			Population ('000):			92,338			Population ('000):			95,814			
Products	PER CAPITA SUPPLY						PER CAPITA SUPPLY						PER CAPITA SUPPLY					
	PER YEAR	PER DAY			PER YEAR	PER DAY			PER YEAR	PER DAY								
		FOOD	Calories	Proteins		Fats	FOOD	Calories		Proteins	Fats	FOOD	Calories	Proteins	Fats			
Kg.	units	grams	grams	Kg.	units	grams	grams	Kg.	units	grams	grams							
Grand total		2583	60	51		2575	60	53		2476	58	51						
Vegetable prod.		2195	35	21		1967	35	22		1890	33	21						
Animal prod.		387	25	30		400	26	31		386	25	30						
Cereals (excl. beer)	159	1455	27	3	156	1416	27	3	151	1365	26	3						
Starchy roots	31	81	1	0	31	82	1	0	31	81	1	0						
Sugar crops	1	1	0	0	1	1	0	0	1	1	0	0						
Sugar & Sweeteners	34	221	0	0	2	18	0	0	2	17	0	0						
Pulses	2	17	1	0	2	15	1	0	2	14	1	0						
Treenuts	0	1	0	0	0	2	0	0	0	1	0	0						
Oilcrops	5	26	1	2	5	25	1	2	5	24	1	2						
Vegetable oils	5	117	0	13	5	122	0	14	5	118	0	13						
Vegetables	61	47	2	0	66	50	3	0	63	48	3	0						
Fruits	127	169	2	1	132	176	2	1	123	162	2	1						
Stimulants	1	4	0	0	2	5	0	0	2	5	0	0						
Spices	0	4	0	0	0	3	0	0	0	3	0	0						
Alcoholic beverages	15	48	0	0	15	48	0	0	15	46	0	0						
Meat	33	228	11	20	35	235	11	21	34	227	11	20						
Offals	2	6	1	0	2	7	1	0	2	7	1	0						
Animal fats	3	54	0	6	3	56	0	6	3	54	0	6						
Milk (excluding butter)	14	17	1	0	16	18	1	0	16	17	1	0						
Eggs	4	18	1	1	5	19	1	1	4	18	1	1						
Fish & sea food	31	64	10	2	31	64	10	2	30	62	10	2						
Miscellaneous	2	5	0	0	2	5	0	0	2	5	0	0						

Some notes :

On the FAO List of Commodities:

1. Fishery classification is not by specie but aggregated into freshwater , pelagic, demersal, etc. fishes (prepare linkage/bridge table);
2. Green beans – exclude the yellow beans;
3. Cashew Apples – excludes the cashew nuts;
4. Sugarcane – need more explanations.
5. Yam – called “ube” in Phil & not clear in the FAO “metadata in word file” on classifications of commodities (needs picture, international name & local name).

On the Conversion Factor:

1. No liveweight conversion factor for duck;
2. Correction on livestock (liveweight to dress weight).

II. DOCUMENTATION

1. Data and Data Sources

SUA/FBS Variables	Source Document/ Agency	Remarks
SUPPLY		
PRODUCTION a. Non Processed	Philippine Statistics Authority (PSA) Palay & Corn Survey; Survey of Other Crops; Commercial & Backyard Livestock & Poultry Surveys; Commercial & Municipal Fishery Surveys; Aquaculture Surveys; Field Reports of the Sugar Regulatory Administration for sugarcane. Field Reports of the Philippine Coconut Authority on data for coconut particularly on matured nuts and young nuts.	

<p>b.Processed Food</p>	<p>PSA</p> <p>Census of Philippine Business & Industries (CPBI) for Manufactured Commodities at 5 digit levels;</p> <p>Wholesale prices; retail prices;</p> <p>Producers Price Index</p> <p>Quantity and Volume of Production from Industry Associations like Flour Millers, Meat Processors Association, etc.</p> <p>Researches like Study on Selected Commodities conducted by the Department of Industries particularly fishes, seaweeds & aquatic products;</p> <p>Field Reports of the Philippine Coconut Authority on data for copra & other coconut products;</p> <p>Census of Agriculture for data on milking animals and layers to derive total voume of production for milk and eggs.</p>	<p>Data are available in values and these are deflated by prices to arrive at the volume of production for the period.</p>
<p>IMPORT</p>	<p>PSA</p> <p>Volume of Imports from</p>	

	the Foreign Trade Statistics	
STOCKS	Inventory Survey of Rice and Corn Census of Philippine Business and Industries for data on the value of products sold and the value of inventory of manufactured products (or finished goods).	Inventory data for rice & corn are available by households, commercial & government
UTILIZATION		
EXPORTS	PSA Volume of Exports from the Foreign Trade Statistics	
PROCESSED/ MANUFACTURED	Input-Output Tables of PSA NSCB for domestic utilization by households & industries.	
FEED	Special studies & researches from: Bureau of Animal Industry for selected livestock & poultry; Bureau of Fishery & Aquatic Resources for fishes & aquatic products.	
SEED	Special studies & researches from :	

	Bureau of Plant Industry for selected crops commodities.	
WASTE	Special surveys and studies conducted by the PSA, BAS and other research insitutions like the University of the Philippines at Los Banos, IRRI, Food and Nutrition Research Institute of the Department of Science and Technology (DOST).	Data include conversion factors on percentage of waste to total production.
NUTRIENT VALUES	Food and Nutrition Research Institute, DOST for data on Philippine Food Composition Table on Per Capita Food Intake	For data on Calorie (energy), Protein and Fats.
Population Data	PSA Census of Population and the Mid Decade Census of Population	The Technical Committee on Population & Population Statistics enforced NSCB Resolution N. 2-2002 –Adopting the Population Estiates from the Census of Population

Existing List & Recommended List of Commodities for SUA & FBS

Existing List	Recommended List
82 for SUA	
55 for FBS	
Total 137 for SUA & FBS	Target to be comprehensive given the list of the FAO

2. Data Problems and Issues

2.1. Current list of SUA/FBS commodity items needs to be expanded following the FAO recommended list - This entails the preparation of proposed list for the new SUA/FBS compilation for years covering 2009, 2010 & 2011.

Prepared list can be finalized after a consultation forum with stakeholders composed mainly of data producers including users of SUA/FBS particularly the Department of Agriculture.

2.2. Existing parameters are outdated and needs updating for the 2009, 2010 & 2011 SUA/FBS compilation.

In particular, these parameters are:

- **Milling rates of palay to milled rice;**
- **Corn conversion to whole grain, corn grits, milled corn, etc.**
- **Conversion rates from its raw form to processed form (both food and non-food) particularly for the following:**
 - **sugarcane to panocha, muscovado, refined sugar and other sugar preparations;**
 - **leafy and green fresh vegetables into processed, canned, dried, etc.**
 - **fresh fruits into dried, juices, etc.**

2.3. Seeding rates, feeding rates and wastage;

2.4. Updating of the Food Nutrient Table using the new parameters for 2008 sourced from the Food & Nutrition Research Institute (FNRI).

2.5. Given the implementation of the merged agencies under the Philippine Statistics Authority (PSA) which took effect last December 2013, the technical staff responsible for the compilation of the SUA and FBS needs training on the concept of SUA/FBS as well as “hands-on” training for the actual operationalization of the FAO Excel Module.

Such training is likewise important to members of the Task Force on SUA/FBS for them to appreciate and be aware on the importance of SUA/FBS for informed decisions on food security, agriculture planning, etc.

III. Work Plan of Activities & Timetable (January 2014 to December 2015)

Work Plan of Activities	Timetable
<p>PREPARATORY ACTIVITIES</p> <p>1. Identification of technical staff within the new PSA to do the specific work on SUA/FBS including members of the technical working group within the PSA;</p>	<p>Mar-Apr 2014</p>
<p>NEW LIST OF SUA/FBS COMMODITIES</p> <p>2.Preparation of updated/new list of commodities;</p>	<p>Apr 2014</p>
<p>3.Linking the updated/new list with the existing list from the FAO SUA/FBS;</p>	<p>Apr-May 2014</p>
<p>4. Building up the database/worksheet files for the fishery SUA/FBS starting from data on fish & aquatic products by specie as well as for the category of “Others or NES items” for fruits, vegetables, etc. to the recommended FAO;</p>	<p>Apr-June 2014</p>
<p>5. Conduct producers/users forum to serve as consultation venue on the list of proposed SUA/FBS items for finalization, etc.</p>	<p>June 2014</p>
<p>FAO EXCEL MODULE</p> <p>6. Training focusing on the FAO Excel Module of SUA/FBS among compilers of SUA/FBS within the PSA and be able to simulate the excel module using the actual data; (this includes mentoring sessions to be requested from experts of FAO);</p>	<p>May 2014</p>
<p>DOCUMENTATION</p> <p>7. Come up with documentation of data sources, data requirements, as well as detailed step by step procedures of translating these data into SUA/FBS variables;</p>	<p>Jun-Dec 2014</p>

8. Revisit imports and exports data to come up with links coming from the UN Trade Data to be used for the SUA/FBS compilation;	Mar – May 2014
9. List of parameters for immediate updating and come up with priority listing of those parameters to be updated using data from special studies, researches, etc. and those that require the conduct of special surveys;	May 2014
10. Updating of parameters e.g. conversion factors, processing rates, seeding rates, wastage, feeds, etc.	May 2014-May 2015
COLLECTION/VALIDATION OF DATA 10. Collect/validate data for the detailed compilation of the SUA;	May-Dec 2014
11. Convert SUA data to the FBS with details on calorific content;	Dec 2014
VALIDATION WORKSHOP 12. Conduct a validation workshop prior to the finalization of the SUA/FBS statistics;	Mar 2015
FINAL REPORT AND PUBLICATION 13. Prepare documentation, final report & publication, etc.	May-Dec 2015
DISSEMINATION FORUM 14. Conduct the Dissemination Forum & the launching of the revised 2009, 2010 & 2011 SUA/FBS	June 2015

IV. NEXT STEPS

Subnational SUA/ FBS

- Development and institutionalization of subnational SUA/FBS for pilot region/provinces;