



# Food Balance Sheets (FBS)

Food Balance Sheets and Household  
surveys



Food and Agriculture Organization  
of the United Nations



# Outline

1. FBS and HH survey: main differences
2. Annual Production Questionnaire example
3. Household survey example

# FBS and HH survey: main differences




# 1. FBS and HH survey: main differences

	FBS	HH survey
Concept used	<b>Food available for human consumption</b>	<b>Food consumption</b>
<b>PROS</b>	<ul style="list-style-type: none"><li>- Not expensive</li><li>- Snapshot of the overall agri. situation (not only food cons.)</li><li>- Annual basis (comparable over the time)</li></ul>	<ul style="list-style-type: none"><li>- Try to measure the actual cons.</li><li>- More detailed re consumption per se:<ul style="list-style-type: none"><li>o Sub-national data</li><li>o Gender breakdown</li><li>o Economic-strata data</li></ul></li></ul>
<b>CONS</b>	<ul style="list-style-type: none"><li>- Sub-national level &amp; population groups are not taken into account (e.g. gender, economic differences, etc.)</li><li>- It doesn't measure the actual consumption</li></ul>	<ul style="list-style-type: none"><li>- Could be expensive</li><li>- Not frequently conducted</li><li>- Need to have institutional capacity &amp; trained personnel</li><li>- No readily available</li><li>- Data may not be fully captured (e.g. food consumed outside the house, see alcoholic beverages)</li><li>- Data may not be representative</li></ul>

# Annual Production Questionnaire (example)



# 1. FBS and HH survey: main differences

	
<p align="center">FOOD AND AGRICULTURE ORGANIZATION OF THE UNITED NATIONS STATISTICS DIVISION</p>	
<p align="center"><b>Questionnaire on Crop and Livestock Production and Utilization</b></p>	
<p align="center"><b>Central Production Classification (CPC) version 2.1 exp.</b></p>	
<p align="center"><b>Country: China, Main - 1248 Reference Years: 2014-2016</b></p>	
<p align="center"><b>National Reporting Office and Contact name</b></p>	
Reporter name	
Administration and Office	
Address	
Tel	
Fax	
E-Mail	
<p><b>This questionnaire contains the following sections:</b></p>	
<p>Instructions            Commodity Description: Description Of Commodities, Groups, and Special Observations for Selected Commodities            Variables Description: Description of Variables/Elements, Loss Definition: The Concept of Loss in FAO Agricultural Statistics            Section 1: Primary Crop Production            Section 2: Primary Crop Utilization            Section 3: Livestock (Animal Numbers and Livestock Production)            Section 4: Selected Derived Agricultural Commodities            Section 5: Utilization of Oils            Section 6: Metadata            Feedback</p>	

# 1. FBS and HH survey: main differences

## Section 1: PRIMARY CROP PRODUCTION

Please specify the annual production of commodities in metric tons (t) and the area harvested in hectares (ha). Data should relate to calendar year. In the case of crops where harvest extends into the subsequent production of crops should include all areas actually harvested and the corresponding total harvested production. Cereals and Pulses are reported in dry grains. Roots and Tubers are reported in fresh weight excluding the fibrous outer husk. Seed Cotton production should include both fibre and seed. Cocos Beans data relate to fermented and dried beans. For Bananas and Plantains, the weight of the central stalk of t details.

### Cereals

COMMODITY		ELEMENT		2014	2015	2016	NOTES: If a different unit as well as any of (eg: provisional)
0111	Wheat	Area Harvested	ha	24,069,420	24,141,400	24,187,000	
		Production	t	126,208,400	130,185,000	128,845,000	
0112	Maize (corn)	Area Harvested	ha	37,123,390	38,119,300	36,768,000	
		Production	t	215,646,300	224,630,000	219,552,000	
0113	Rice	Area Harvested	ha	30,309,870	30,215,700	30,178,000	
		Production	t	206,507,400	206,230,000	207,075,000	
0114	Sorghum	Area Harvested	ha	619,200	574,000		
		Production	t	2,895,000	2,752,000		
0115	Barley	Area Harvested	ha	468,800	446,600		
		Production	t	1,812,000	1,868,000		
0118	Millet	Area Harvested	ha	771,800	839,400		
		Production	t	2,344,200	1,966,000		
	Other, please specify						

### Roots and Tubers

COMMODITY		ELEMENT		2014	2015	2016	
01510	Potatoes	Area Harvested	ha	5,573,300	5,518,200		
		Production	t	95,515,000	94,860,000		

# 1. FBS and HH survey: main differences

## Section 2: PRIMARY CROP UTILIZATION

Please specify the annual utilization of commodities in metric tons (t). Data should relate to calendar year. Please refer to the section of commodity description for more details on the utilization concept and def

### Cereals

COMMODITY		ELEMENT		2014	2015	2016	NOTES: If a different use as well as any (eg. provision
0111	Wheat	Food	t				
		Seed	t				
		Feed	t				
		Loss	t				
		Industrial Utilization	t				
0112	Maize (corn)	Food	t				
		Seed	t				
		Feed	t				
		Loss	t				
		Liquid biofuel	t				
		Solid and gaseous biofuels	t				
0113	Rice	Industrial Utilization	t				
		Food	t				
		Seed	t				
		Feed	t				
		Loss	t				





# Household survey (example)





# 1. FBS and HH survey: main differences

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# References

- FAO webpage on Food Balance Sheets:

<http://www.fao.org/economic/ess/fbs/en/>

- FAO webpage on Household surveys:

<http://www.fao.org/economic/ess/ess-fs/fs-methods/fsreports/en/>





**THANK YOU!**

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