

Learning objectives

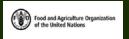
At the end of this session, the participants will know:

What additional parameters are

What's the rationale behind the best option among different sources

What FAO recommendations are

International recognized standards





FBS component - additional parameters:

- 1. Population Estimates
- 2. Nutrient Estimates
- 3. Extraction Rates
- 4. Processing shares





FBS component - additional parameters: 1. Population Estimates

Two options for country FBS compilers:

 Domestically produced population estimates

 Internationally-standardized population estimates from UNPD (FAO recommended option)



FBS component - additional parameters: 1. Population Estimates

Why UNPD is the best option?

- ✓ Internationally recognized methodology
- ✓ Easier comparison between countries
- ✓ UNSD estimates are used for many development initiatives (E.g. SDGs)
- ✓ Publicly available dataset https://esa.un.org/unpd/wpp/



FBS component - additional parameters: 2. Nutrient Estimates

Energy expressed in Kcal - Protein expressed in grams - Fat expressed in grams

There are many sources on nutrient content, but two international sources should be noted:

- 1. INFOODS http://www.fao.org/infoods/infoods/en/
- 2. FAO ESS conversion table http://www.fao.org/fileadmin/templates/ess/ess_test_folder/Food_security/Excel_s heets/Nutritive_Factors.xls

FAO recommendations: *national estimates should* always be the first option

FBS component - additional parameters: 3. Extraction rates

Definition of extraction rate (ER)

- An ER may vary by country according to the technology used
- ERs may increase over time but it is advisable to hold them fixed

Reasons for holding the ERs fixed:

- » Only in few rare instances it's possible to calculate the ER endogenously
- » Tendency of underestimating the ER
- » Helps the standardization process





FBS component - additional parameters: 3. Extraction rates

FAO Recommendations:

- FBS compilers should ask directly to domestic processors for a periodic review
- Last resort: FAO handbook on technical conversion http://www.fao.org/fileadmin/templates/ ess/documents/methodology/tcf.pdf

FBS component - additional parameters: 4. Processing shares

- Processing shares are extremely dependent upon the structure of each country's supply chains
- As such, there are no international sources that can be consulted
- Recommendations:
 - FBS compilers should consult any available value chain analysis
 - II. Industry experts may also be consulted to provide insight into the supply chain that would assist in estimating shares



References

- Guidelines for the compilation of Food Balance Sheets (FAO, 2017), chapter 3.5, section 3.5.12 (Global Strategy & FBS Team)
- The FAO source book for the compilation of Food Balance Sheets (FAO, 2016) (Global Strategy & FBS Team)



THANK YOU!

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