Household Satellite Account

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Two types of Satellite Accounts (SNA 2008): extra focuses or extensions

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**CORE SYSTEM**

- Internal (=extra focus)
- External (=extension)
Market vs. non-market producers in national accounts

Market producers:
- Price of sold products covers the production costs (50% rule) => market output by market producers
- Counting from top to bottom - starting with output, ending with operating surplus:
  output - intermediate consumption
  = value added (gross) - CFC
  = value added (net) - compensation of employees
    - taxes + subsidies
  = operating surplus

Non-market producers:
- Products are free or the price does not cover the expenses => non-market output by non-market producers
- Counting from bottom to top: output = sum of costs (no operating surplus)
  compensation of employees + taxes - subsidies
  = value added (net) + CFC
  = value added (gross) + intermediate consumption
  = output
Output approach

- Comparable with market output (value equal to market prices of similar products)
- The prices do cover the costs and (usually) include some profits (=operating surplus), as well
- In theory preferable method, in practice not used very much
  - Data does not exist (and the collection would be very expensive): food, travelling,…
  - How to deal with profit (=operating surplus)?
  - Guidelines not clear
Input approach

- Comparable with non-market output
- Summing up the costs (does not include operating surplus)
- Data available via Time Use Survey => valuing unpaid work time by a suitable wage (or wages)
- Easier in practice and has been used in most of the studies about household production
- Needs also common practices and guidelines to produce comparable results between different countries and studies
  - Which wage concept and which wage?
  - Multitasking?
  - Division of household final consumption expenditure: final consumption, intermediate consumption, investments
Data sources for Finnish calculations

- TUS 2009
  - HHSA 2009
    - (HHSA 2012)
  - HHSA 2001
  - HBS 2001
  - HBS 2006
  - HBS 2012

- TUS 2001
  - HHSA 2001
  - HHSA 2006

+ Annual National Accounts calculations
+ Annual wage data
Extended GDP (billion EUR) in Finland

- 2001: GDP without SNA household production = 131 billion EUR, SNA household production = 8 billion EUR, Non-SNA household production = 55 billion EUR
- 2006: GDP without SNA household production = 156 billion EUR, SNA household production = 9 billion EUR, Non-SNA household production = 66 billion EUR
- 2009: GDP without SNA household production = 161 billion EUR, SNA household production = 13 billion EUR, Non-SNA household production = 70 billion EUR

Household production and GDP.