Retail trade by detailed product using administrative sources

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Background

- Swedish association of agriculture—until 2000
  Method: Measure food consumption.
  Sources: Foreign trade, PRODCOM and consumer price index)
- Statistics Sweden started 2000
  New method: Food sale in the retail trade by the usage of administrative cash register
Purpose, user and application area

- **Purpose:** Shed light on the sales of food and beverages broken down by detailed product group
- **Users and area of application:**
  - Consumer Price Index (CPI) - Weighting and Selection of products
  - National accounts (NA) - Household consumption expenditures
  - Swedish association of food (SLV) – Calculation of nutritional values
Data collection sources

- Business register
- Value added tax register
- Data cash register
- Questionnaire survey
Data cash register

- Most important source (85 per cent of the weighted food sale)
- Centrally collected from the four food chains in Sweden
- Compensation to the four food chains
- Contains approx 250 000 articles. 60 000 articles in the area of food and beverage
- Manually and automatically classified to 173 product groups
More about - Data cash register

- The articles are manually checked according to three criteria – Size, Concordance between chains, New articles
- Almost all articles has EAN-code (European article numbering). Others have PLU (Price look up code)
- EAN system is universal
- EAN contains information about – Country code, Producer number and Article numbering
Classifications

Swedish
- Consumer price index classification - CPI
- National account classification - NA

International
- COICOP - NA
- CPA – Eurostat
- Links between the classifications in annex 1
Quality in the cash registers

• Generally speaking very good
  - Good concordance between years
  - Comparison been done with a private source (AC Nielsen)
• Perishable goods such as fresh fruit and vegetables
Future projects

• Ecological food
• Own Marked Goods
• Regional statistics
• More data cash registers from other enterprises
• More details
Advantages

- Classification done at Statistics Sweden
- Classification can easily be changed
- Response burden
- Data can be used to other thing than the primary needs (Ecological food)