Possible use of new data sources in connection with the CAP 2023-2027

Workshop on Modernising Agricultural Statistics

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Using administrative data in HCSO

- Results of the previous Grant project

- What happened since then?

- List of addresses

- Aims of the ongoing Grant project

Using administrative data in HCSO

Administrative data sources currently being used:

- Hungarian Chamber of Agriculture
  - List of members

- Hungarian State Treasury
  - SAPS/BISS (from 2023)
  - Other income supports scheme

- National Food Chain Safety Office
  - Animal registers
  - Family farms

- Organic farming registers

- Vineyard register

Using administrative data in HCSO

Current use of production data available in the administrative databases:

- Validation (e.g. SAPS)

- As auxiliary information for estimating data
  - Cattle population allocation based on ENAR,
  - Cropland allocation based on SAPS.

- Replacement of data collection (e.g. rural development indicators in FSS)

Using administrative data in HCSO - Future

The main objective

    to replace - in whole or at least in part - as many data collections as possible with the available production data

An additional objective

To produce as much analysis as possible based on the available production data

    Based on data from an administrative database

    Using data from several different databases (including data from our own surveys) linked to each other

Using administrative data in HCSO - Future

The new data sources

- Organic farming registers
  - A much more detailed breakdown than we have received until now

- Electronic Farming Logbook

Electronic Farming Logbook

Most complete and most value-added data source

Based on EU requirements

Aims

Documentation Tool

Important benefit for farmers

Electronic Farming Logbook

- Manager Data
- Area Summary
- Production Area Data
- Arable land (utilization)
- Plantation (utilization)
- Grassland (utilization)
- Agricultural production methods
- Fertilisation

- Nutrient management plan
- Irrigation
- Plant protection observations
- Record of treatments with plant protection products
- Grazing
- Soil analysis data
- Organic fertilisation
- Changes in livestock

Electronic Farming Logbook

The introduction of Electronic Farming Logbook for farmers is ongoing.

- From 1 January 2023, the use of the spraying log is mandatory

- In all other cases: annual data provision

Electronic Farming Logbook

Compulsory for the farmers:

- Agri-environmental programmes
- Organic programmes
- Agro-Ecological programme
- Natura 2000
- Vegetable crop production
- Grain protein fodder crop production
- Agroecological land-use change incentive payment
- Forest genetic multiannual commitment
- Forest-environment multiannual commitment.

80% of the UAA will be covered.

Electronic Farming Logbook

Data of the Electronic Farming Logbook

- Aggregated level
- Client level

Cooperation with the National Food Chain Safety Office

- Taking into consideration the statistical data needs
- Participation in the development

Advantages of Using Administrative Data

Advantages of Administrative Data in Agricultural Statistics

- Cost and Time Efficiency

- Wide Coverage

- Consistency and Reliability

- Real-time Updates

Challenges of Using Administrative Data

- Data Quality and Variability

- Privacy and Confidentiality

- Coverage Bias

THANK YOU FOR YOUR ATTENTION!

For further and detailed information:

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