QUALITY REPORT FOR STATISTICAL SURVEY

Annual Report on Livestock Production on Agricultural Holdings (Business Entities and Private Family Farms) (PO-51)/Labelling and Registration of Domestic Animals

For 2020

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0. Basic information

- Purpose, goal, and subject of the survey

Number and weight of livestock (cattle, pigs, sheep, goats and poultry), balance of milk and eggs, production of wool and honey.

- Reference period

Calendar year

- Legal acts and other agreements

Decision on the National Classification of Activities, 2007 version – NKD 2007 (NN, Nos 58/07 and 72/07), Classification of Products by Activities of the Republic of Croatia, 2015 version − KPD 2015. (NN, No. 157/2014)

The methodology for carrying out the survey on livestock is based on Regulation (EC) No. 1165/2008 of the European Parliament and of the Council of 19 November 2008 concerning livestock and meat statistics, and on Methodological Basis for Gathering Data on Milk and Dairy Products Statistics (NN, No. 42/2013).

- Classification system

National Classification of Activities, 2007 version

- Statistical concepts and definitions

Cows are female bovine animals, which have already calved.
Heifers are selected female bovine animals that have not calved yet.
Sows are female breeding animals that have farrowed for at least once.
Mated sows are female breeding animals that have already farrowed and are expected to farrow again.
Gilts are selected young female breeding animals that have not farrowed yet.
Mated gilts are young female breeding animals that are expected to farrow for the first time.
Boars are male breeding animals.
Ewes for breeding are female breeding animals that have already lambed as well as those that are expected to lamb for the first time.
Poultry includes broilers, hens, turkeys, geese, ducks and other poultry.

- Statistical units

Business entities and parts thereof, private family farms.

- Statistical population

Business entities and parts thereof defined by section A Agriculture, forestry and fishing according to the National Classification of Activities 2007 (NKD 2007.) that are registered in the Statistical Business Register (SBR). Reporting units are also private family farms engaged in the production of livestock and poultry. The sample for the Annual Report on Livestock Production was selected from the Statistical Register of Agricultural Holdings.

1. Relevance

1.1. Data users

Ministry of Agriculture and other state administration bodies, Government of the Republic of Croatia, Croatian Agency for Environment and Nature, scientific community, business community, European institutions, etc. Directorates General of the European Commission, European Commission Directorate General for Agriculture and Rural Development (DG AGRI), international institutions (FAO), institutes.

1.1.1. User needs

Users are mostly state administration bodies that use the data for the purpose of creating economic policies and planning state budget funds.

1.1.2. User satisfaction

The user satisfaction survey was conducted in 2013 and 2015. The results are available on request.

1.2. Completeness

Data are submitted in accordance with the European Commission Regulations.

1.2.1. Data completeness rate

The indicator is not computed.

2. Accuracy and reliability

2.1. Sampling error

Coefficients of variation range from 1% to 6%, depending on the type of livestock.

2.1.1. Sampling error indicators

Coefficients of variation for livestock:

- Pigs – 1.48%
- Sheep – 2.23%

2.2. Non-sampling error

Errors in data entry by interviewers are possible due to misunderstanding of the methodology. Data editing is aimed at reducing errors.

2.2.1. Coverage error

Data duplication is possible for craftsmen whose private family farms are included in the sample. Data duplication may also occur if a private family farm reports a balance that refers to the craft.

2.2.2. Over-coverage rate

The indicator is not computed.

2.2.3. Measurement error

Possible entry and calculation errors are checked and corrected by data editing. The total sum is checked against the sum of individual categories of livestock and poultry, as well as the logic of the average values of livestock production. Logical links between individual tables within a form are also checked.

2.2.4. Non-response errors

The indicator is not computed.

2.2.5. Unit non-response rate

The indicator is not computed.

2.2.6. Item non-response rate

The indicator is not computed.

2.2.7. Processing errors

Possible processing errors are checked by comparison with previous periods and comparison of data with available administrative sources.

2.2.8. Imputation rate

The indicator for this survey is not applicable.

2.2.9. Model assumption error

The indicator for this survey is not applicable.

2.3. Data revision

2.3.1. Data revision – policy

The users of statistical data are informed about revisions (provisional, final data) on the website of the Croatian Bureau of Statistics.

2.3.2. Data revision – practice

Final data are published around 5 April. Minor data changes are possible after the processing of the survey.

2.3.3. Data revision – average size

The indicator is not computed.

2.4. Seasonal adjustment

The indicator for this survey is not applicable.

3. Timeliness and punctuality

3.1. Timeliness

3.1.1. Time lag – first results

T + 2 months for the number of livestock and poultry
T + 5 months for livestock production

3.1.2. Time lag – final results

T + 4 months for the number of livestock and poultry
T + 9 months for livestock production
T + 9 months for milk production on agricultural holdings

3.2. Punctuality

No delay.

3.2.1. Punctuality – delivery and publication

Punctuality is 0.

4. Accessibility and clarity

Data are disseminated in printed and electronic form and are published on the website of the Croatian Bureau of Statistics in the form of the First Release, Statistical Information, Croatia in Figures and PC-Axis Databases.

4.1. News releases

Number of Livestock and Poultry − Provisional Data, Situation as on 1 December 2020
Number of Livestock and Poultry − Final Data, Situation as on 1 December 2020

Livestock Production, 2020 − Previous Results
Livestock Production, 2020 − Final Results

Production and Usage of Milk at Agricultural Farms, 2020

4.2. Online database

https://web.dzs.hr/PXWeb/Default.aspx?px_language=en&rxid=f07ed68b-53da-46bf-b212-b3473fcd4891

Data on the number of livestock and poultry available since 2000, availability and usage of milk at private family farms since 2008, products obtained on private family farms since 2008, in tonnes.

4.3. Micro-data access

The conditions under which certain users can access microdata are regulated by the Ordinance on the Conditions and Manner of Using Confidential Statistical Data for Scientific Purposes.

4.4. Documentation on methodology

The basic notes on methodology are published in the First Release and in databases.

5. Coherence and comparability

5.1. Asymmetry for mirror flows statistics

The indicator for this survey is not applicable.

5.2. Comparability over time

The data series has been available since 2000, and there was a break in the series in 2006 due to the change to a new collection date.

5.2.1. Length of comparable time series

Length of comparable time series is 15.

5.2.2. Reasons for break in time series

Due to harmonisation with EU methodologies, the collection date was changed from 31 December of the previous year (legal entities) and 15 January of the current year (private family farms) to 1 December of the current year for both sectors.

5.3. Coherence – subannual and annual statistics

The indicator for this survey is not applicable.

5.4. Coherence – national accounts

The indicator for this survey is not applicable.

5.5. Coherence – administrative sources

The indicator for this survey is not applicable.

6. Cost and burden

6.1. Cost

Survey costs for 2020 amounted to 81 170 kuna.

6.2. Burden

The survey on private family farms lasted about ten minutes on average.