

CALCULATION OF LIVESTOCK PRODUCTION

LEGAL BASIS

The survey is regulated by the Regulation on Carrying out Certain Statistical Surveys ("Official Gazette" No 110/2009) in line with the Law on Official Statistics ("Official Statistics of RS", No 104/2009), as well as according to the Strategy for Official Statistics of the Republic of Serbia over 2009-2012.

METHODOLOGICAL BASIS

Objective and scope of the survey

The main objective of this calculation is the provision of data on the total slaughter and balance of livestock, number of livestock units, livestock increase and on the production of other primary livestock products: eggs, milk, wool, honey and meat (by type).

Reporting units

Data used for this calculation (number and balance of livestock on family holdings, legal units and farm cooperatives, imports/exports of live animals, livestock slaughter in slaughterhouses) are taken from other regular surveys conducted by the Office.

Survey coverage

The calculation covers both sectors (family holdings and legal entities) on the territory of the Republic of Serbia.

Method and time of data collection

To calculate livestock increase one uses the expenditure method according to which the increase equals the sum of three components: difference of live animal weight at the end and beginning of the year, difference of the weight of sold (exports) and purchased live animals (imports) and live weight of livestock slaughtered on holdings.

The production of meat is calculated as the total net weight of slaughtered livestock, which has been raised on the territory of the Republic of Serbia (total slaughter on the territory of the Republic of Serbia – imports of live animals + exports of live animals, without the quantities of raw fats).

Produced milk used for human consumption or processing is obtained when one subtracts the quantity of milk used for animal feeding (offspring) from the total quantity of milked milk.

The number of livestock units is the quotient of total livestock weight (regardless of the type and category) and the constant weight of the tentative head (500 kg).

The calculation is done once a year.

The data on livestock production refer to the previous year.

Obligation to protect personal data

Only aggregated data are published. Personal data are protected according to the Law on Official Statistics.

List and definitions of main concepts - indicators

Livestock balance is the turnover of the herd/flock during the year in which changes in the number of slaughtered livestock are registered.

Gross weight of livestock is the weight of animals immediately before slaughter.

Net weight of livestock is the weight of slaughtered animals after the removal of certain parts, depending on the type and category of livestock, i.e. the weight of dressed carcass of slaughtered animals.

Livestock increase is the production of live weight of livestock during the year, as the result of breeding, increase and fattening. This is the primary product of livestock production, which organically linked to live animals, and which occurrence depends on livestock slaughter.

Meat is the net weight of slaughtered livestock from domestic production minus raw fats being deducted.

Livestock unit is the accounting unit used to bring the number of heads of different types and categories to a comparable value.

Level of data representativeness

Data are representative for the level of the Republic of Serbia, Central Serbia and AP Vojvodina. Data for the territory of AP Kosovo and Metohia are not available.

Knowing that there is a difference between the total value of exports/imports and the sum by territories, the livestock balance by types is published only for the territory of the Republic of Serbia.

Harmonization with international recommendations and standards

The calculation complies partially the Regulation EC No. 1165/2008, which regulates livestock-related surveys.

DESCRIPTION OF THE MANAGEMENT OF THE SURVEY

Bodies in charge of survey management

The Statistical Office of the Republic of Serbia is in charge of the calculation of livestock production, which is done on the basis of available data.

The data that are used for the calculation are taken from regular livestock-related surveys of the Office (Survey on the Number of Livestock, Annual Survey on Livestock Breeding, Monthly Survey on Livestock Slaughter in Slaughterhouses) and from external trade statistics (exports/imports of live animals).

Obligation to provide data

Data used for the calculation are collected according to the Law on Official Statistics.

Timetable of the main phases of the survey

Final results are to be published up to 1st April.

SURVEY TOOLS

Questionnaire

None

Instructions on how to fill in the questionnaire

None

List of nomenclatures and classifications used for the survey

The survey is carried out in line with the current Nomenclature of Products and Services in Agriculture, Hunting and Fishing.

List of publications containing the methodology and survey results

Final data are published in: "Statistical Yearbook of the Republic of Serbia" and the bulleting "Agriculture", for the relevant year. Data are also available on the website of the Statistical Office of the Republic of Serbia.

The methodology is published in the FSO edition *Methodological Papers*, volume 98.

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