



~ Methodology ~

YIELDS OF EARLY CROPS AND FRUIT

LEGAL BASIS

Data on yields of early crops and fruit on farms in Republika Srpska are provided through the “Annual Farm Survey”, a survey implemented in accordance with the current:

- Work Plan of the Republika Srpska Institute of Statistics for 2019,
- Statistical Programme of Republika Srpska for the period 2018-2021 (“Official Gazette of Republika Srpska”, No 21/18),
- Law on Statistics of Republika Srpska (“Official Gazette of Republika Srpska”, No 85/03), and
- Commission Delegated Regulation (EU) 2015/1557 amending Regulation (EC) No 543/2009 of the European Parliament and of the Council concerning crop statistics.

METHODOLOGICAL BASIS

AIM AND CONTENT

Published data on yields of early crops and fruit were obtained through the “Annual Farm Survey”. On the other hand, the estimate of average yields resulted from the work of professional agricultural services/persons for relevant estimation areas (municipality/city).

The survey has been conducted since 2017, in accordance with Eurostat’s recommendations and standards and it will fully replace the previous methodology of collecting data on agricultural production of family farms, which was based on estimates made by officials of local self-government units.

OBSERVATION UNITS

Observation units are farms (family farms and farms owned by legal entities and entrepreneurs).

COVERAGE

The survey was carried out based on a random representative sample covering 4.2% of family farms located in the territory of Republika Srpska and all farms owned by legal entities and entrepreneurs, which belong to the pre-defined target population. The “Register of Farms”, established on the basis of the results of the Census of Population 2013, was used as the sample frame. Upon extrapolation, the data collected through the survey serve as the basis for monitoring crop production statistics in Republika Srpska.

METHOD AND PERIOD OF DATA COLLECTION

In the “Annual Farm Survey”, the data for 2019 were collected through interviews with farm household members, using the PAPI method (pen-and-paper personal interview). The survey is

conducted annually and it was implemented between 1 and 15 December, based on a random representative sample of farms. Data on yields of early crops and fruit represent the situation on 15 August 2020.

PROTECTION OF CONFIDENTIAL DATA

Only individual data on production by individual crops for the level of Republika Srpska are published based on the survey results. Confidential data are protected pursuant to Articles 25 and 27 of the Law on Statistics of Republika Srpska ("Official Gazette of Republika Srpska", No 85/03) and in accordance with the Rules of protection of confidential data.

DEFINITIONS OF MAIN FEATURES – INDICATORS

Harvested area – area where crops were harvested and yields were picked.

Area of intensive orchards – plantations in which modern agro technical measures are regularly applied (tillage, care, spraying, etc.), raised on larger areas using the plantation system.

Yield per unit area (average yield) – obtained by dividing the total production of a crop/plantation by the harvested (sown) area.

Total crop yield - the quantity of yield available when harvesting is finished, that is, it is the "barn yield" at normal humidity obtained after deducting the quantities lost before harvest, transport and threshing.

LEVEL OF DATA REPRESENTATIVENESS

Data on yields of early crops and fruit obtained through the survey are representative for the level of Republika Srpska.

COMPLIANCE WITH INTERNATIONAL RECOMMENDATIONS AND STANDARDS

"Annual Farm Survey" fully complies with Delegated Regulation (EU) 2015/1557 amending Regulation (EC) No 543/2009 of the European Parliament and of the Council concerning crop statistics). Thus, the data obtained through the survey are fully internationally comparable.

IMPLEMENTATION ORGANISATION

AUTHORITIES IMPLEMENTING THE STATISTICAL ACTIVITY

Responsible producer of data on yields of early crops and fruit on farms is the Republika Srpska Institute of Statistics.

Fieldwork within the survey is conducted by selected interviewers, trained and authorised by the Institute. The interviewers attend a specially prepared training, during which they are provided with the material necessary for fieldwork. The material includes the required number of questionnaires (forms), methodological instructions for survey implementation and work authorisation. The interviewers have to attend the training and, in the fieldwork, they must act in accordance with the methodological instructions for survey implementation and the instructions given during the training.

Household members of selected farms are interviewed for 15 days. Once the interviewing is completed, the interviewers submit the survey material to the person responsible (controller) who has to check the completeness and accuracy of the material together with the interviewer. After this, the material is submitted for data entry.

Data entry and corrections, in accordance with the pre-defined criteria of logical and computation controls, are performed in the Production Statistics Division of the Institute.

OBLIGATION TO PROVIDE DATA

Reporting units (farms) must submit data to the Republika Srpska Institute of Statistics pursuant to the Law on Statistics.

METHODOLOGICAL DOCUMENTS

QUESTIONNAIRE

Questionnaires for family farms (GIPG-PPG) and questionnaires for farms owned by legal entities and entrepreneurs (GIPG-PL) are used for the implementation of the “Annual Farm Survey”. These questionnaires are available at the Institute’s official websites, at:

https://www.rzs.rs.ba/static/uploads/obraci/poljoprivreda_i_ribarstvo/Obrazac_GIPG_PPG_2019.pdf

https://www.rzs.rs.ba/static/uploads/obraci/poljoprivreda_i_ribarstvo/Obrazac_GIPG_PL_2019.pdf

METHODOLOGICAL INSTRUCTIONS

Methodological instructions for the “Annual Farm Survey” implementation for 2019 are available at the Institute’s official website, at:

https://www.rzs.rs.ba/front/category/13/187/?left_mi=24&up_mi=12&add=24

PUBLISHING

Data on yields of early crops and fruit are published on 30 September of the current year, in the regular statistical release "Yields of early crops and fruit".

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