

Statistical survey on production of early crops and fruit, for individual agricultural holdings

AFF_ZE.32B_A_EN_2021_1

Reference Metadata in ESMS 2.0 structure

1	Contact
1.1	Contact organisation
State Statistical Office	
1.2	Contact organisation unit
Department for agriculture, forestry, hunting and fishing and farm register.	
1.3	Contact name
Slobodan Prchkovski	
1.4	Contact person function
Adviser	
1.5	Contact mail address
Dame Gruev 4, 1000 Skopje, Republic of Macedonia	
1.6	Contact email address
slobodan.prckovski@stat.gov.mk	
1.7	Contact phone number
00389 2 3295649	
1.8	Contact fax number
00389 2 3111336	
2	Metadata update
2.1	Metadata last certified
11/11/2022	
2.2	Metadata last posted
11/11/2022	
2.3	Metadata last update
11/11/2022	
3	Statistical presentation

3.1	Data description
Data on harvested areas, total production and yield per hectare of early crops. Number of fruit bearing trees, total production, production by 1 fruit bearing tree of early fruit.	
3.2	Classification system
<p><u>National classification of activities</u> - NKD Rev. 2,</p> <p><u>Nomenclature</u> of agricultural products, forestry, hunting and fishing and related services (NZSRU),</p> <p><u>Nomenclature</u> of territorial units for statistics - NTES, 2013.</p>	
3.3	Sector coverage
<p>Section A-Agriculture, Forestry and Fishing, groups:</p> <p>01.1-Growing of non-perennial crops,</p> <p>01.2-Growing of perennial crops and</p> <p>01.3-Plant propagation.</p>	
3.4	Statistical concepts and definitions
<p>Harvested area is part of the sown area with a certain crop, of which the production is harvested.</p> <p>Fruit bearing trees are trees capable for production, regardless of age and whether the observed year have given yield or not.</p> <p>Fruit bearing area is the area on which fruit bearing trees are planted.</p> <p>Total production is output with all the losses in the harvesting, transportation and storage, normal humidity for the crop.</p> <p>Production per hectare is the yield produced from 1 hectare of harvested area or 1 hectare fruit bearing area. Production of 1 tree is the yield produced from one fruit bearing tree.</p>	
3.5	Statistical unit
Harvested areas and fruit bearing trees of business entities with agricultural production of early crops and fruits.	
3.6	Statistical population
Harvested areas and products of crops belonging to the Section A, groups 01.1, 01.2 and 01.3 from the NKD Rev.2.	
3.7	Reference area
Municipalities	
3.8	Time coverage
Since 1962.	

3.9	Base period
4	Unit of measure
Hectares, kg, number.	
5	Reference period
Year.	
6	Institutional mandate
6.1	Legal acts and other agreements
<p>National: <u>Law on State Statistics</u> ("Official Gazette of the Republic of Macedonia" No. 6p. 54/1997, 21/2007, 51/2011, 104/2013, 42/2014, 192/2015, 27/16, 83/18, 220/18, 31/20), <u>Programme of Statistical Surveys 2018-2022</u> ("Official Gazette of the Republic of Macedonia" No. 22/18)</p> <p>International: <u>Regulation 543/2009</u> of the European Parliament and of the Council.</p>	
6.2	Data sharing
Time series for annual data: since the year 2000 via eDAMIS to EUROSTAT according to the Regulation 543/2009 of the European Parliament and of the Council.	
7	Confidentiality
7.1	Confidentiality - policy
<p>Individual data are protected by the <u>Law on State Statistics</u>.</p> <p><u>The Policy on Statistical Confidentiality</u> contains the basic principles used in the SSO.</p>	
7.2	Confidentiality - data treatment
According the Article 38 from the <u>Law on State Statistics</u> and <u>The Policy on Statistical Confidentiality</u> , individual data are not published.	
8	Release policy
8.1	Release calendar
Data are released in accordance with the Release Calendar, which is updated quarterly.	
8.2	Release calendar access
http://www.stat.gov.mk/Kalendar_nov_en.aspx	
8.3	User access
All users have equal access to the statistical surveys: it means that release dates are published in advance and users have not access before their releasing. Statistical data first are published in the edition "Releases" on the web page of the Statistical office in the 12:00.	
9	Frequency of dissemination

Annual.	
10	Accessibility and clarity
10.1	News release
Annual news release " <u>Agricultural areas and crop production</u> ".	
10.2	Publications
10.3	On-line database
Annual news release " <u>Agricultural areas and crop production</u> ".	
10.4	Micro-data access
Data collected for the purpose of official statistics may be used for scientific purposes according to the <u>Law on State Statistics</u> (Article 41, 42 and 43). Access to Anonymised microdata is defined with an internal procedure in the Statistical Office "Rules for access to anonymised microdata for research purposes". Access to the anonymised microdata is defined with an internal procedure in the Statistical Office " <u>Rules for access to anonymised microdata for research purposes</u> ".	
10.5	Other
Survey data are sent to Eurostat and they are released on the web site of this institution.	
10.6	Documentation on methodology
Methodology "Agriculture - Crop Production Statistics, 1998".	
10.7	Quality documentation
Quality report from SSO. Number of views of metadata=27 Quality report from SSO to EUROSTAT https://ec.europa.eu/eurostat/cache/metadata/EN/apro_cp_esqrscn_mk.htm	
11	Quality management
11.1	Quality assurance
The quality of the products and services in the SSO is ensure with the guidelines of the <u>Code of Practice of the EU Statistics</u> and the <u>ESS Quality Assurance Framework</u> . Quality criteria are also described in the <u>State statistical law</u> in the Article 46 and 4v.	
11.2	Quality assessment

The State Statistical Office carries out statistical activities in accordance with the Statistical Business Process Model, which is based on the international model - Generic Statistical Business Process Model (GSBPM). The application of this model and international standards in statistical production ensures a high level of accuracy and comparability of data.

12 Relevance

12.1 User needs

The aim of the data on areas and crops is to meet the needs of domestic users and international organizations and users. Domestic users of crop production data are the Government of RM, business community, non governmental organisations, faculties and science and research institutions, agricultural producers associations, media, students and other natural and legal persons. Data on agricultural and sown areas are indicators of the condition of the agricultural areas, proportion of crops and utilization of agricultural areas for analysis of the situation, planning and investments to improve crop production as a basic branch for feeding the population. Data on crop production are used for the needs of the processing industry and exports as well as the planning of subsidies and other measures in crop production.

12.2 User satisfaction

Starting from 2009, the State Statistical Office conducts a User Satisfaction Survey every three years.

12.3 Completeness

Regarding the indicators in the Regulation 543/2009 of the European Parliament and of the Council, SSO provides 100% of data.

Completeness on national level is 100%.

13 Accuracy and reliability

13.1 Overall accuracy

The survey methodology and the data collection method ensure good coverage and accuracy of the data.

13.2 Sampling error

Not applicable.

13.3 Non-sampling error

Not calculated.

14 Timeliness and punctuality

14.1 Timeliness

Time difference to final results = T+90.

14.2	Punctuality
All data are published according the Release calendar and timely sent to EUROSTAT.	
15	Coherence and comparability
15.1	Comparability - geographical
There is geographical comparability of the released data at national and regional level. With respect to geographical comparability with other EU countries, it is also ensured because data are collected in line with EU regulations.	
15.2	Comparability - over time
Time series on national level since 1962 with no break in time series. Number of referent periods in the time series from the last break is 59.	
15.3	Coherence - cross domain
Comparisons of data on macro level are done with the data from "Structural survey of agricultural holdings" (SIZS.1) and "Monthly report on selling of agricultural products" (ZE.TRG.33). The data are coherent.	
15.4	Coherence - internal
Internal coherence of data is ensured, data are controlled and analyzed during the data entering and data processing.	
16	Cost and burden
Average time for filling the questionnaire is 13-20 minutes.	
17	Data revision
17.1	Data revision - policy
In accordance with the Statistical Data Revision Policy .	
17.2	Data revision - practice
Not applicable.	
18	Statistical processing
18.1	Source data
Survey on production of early crops and fruits is carried out on business entities from the address list of the survey "Report of the areas and crops at the end of spring (ZE.22A), which have data on early crops and fruits in ZE.22A.	
18.2	Frequency of data collection
Annual.	
18.3	Data collection

ZE.32A Data on harvested areas, the number of fruit bearing trees and production for business entities are collected by statistical questionnaire "Report on the production of early crops and fruits" (ZE.32A) with full coverage in printed form by mail and questionnaire submitted by e-mail. Business entities fill in the data on harvested areas, the number of fruit bearing trees and production of early crops and fruits and submit them to SSO, not later than August 20.

18.4 Data validation

Data validation is done according to the pre-defined control criteria. Data validation is done before and after data entering. For certain data deviations, data providers are contacted.

18.5 Data compilation

The received data from businesses, verification and possible correction in consultation with the reporting units, are entered on an electronic medium through application with embedded on-line controls.

Imputation: imputation is performed on the areas of pastures and nonresponses for perennial crops.

18.6 Adjustment

Data adjustment is not performed.

19 Comment

A.1 Annexes