

Metadata in Euro-SDMX format (ESMS)

Country: Greece

Compiling agency: ELSTAT

Domain name: ANNUAL STATISTICAL AGRICULTURAL SURVEY

ELSTAT metadata

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1. Contact Top		
1.1	Contact organisation	Hellenic Statistical Authority (ELSTAT)
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2.	Metadata update	Top
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3.	Statistical presentation	Top
3.1	Data description	
<p>The purpose of the survey is to collect data on the areas under several species of crops, on the number of trees, animals, agricultural machinery, data on agricultural and livestock production, data on the number of fishermen and of inland water fishing vessels for inshore fishery, as well as on the volume of catch.</p>		
3.2	Classification system	
<p>The geographical areas are classified on the basis of the NUTS and more specifically; they are classified by NUTS 3 and LAU 2.</p>		
3.3	Sector coverage	
<p>The unit of the survey is the surface area, which is included within the administrative boundaries of every Municipal/Local Community of Greece. The survey covers on a census basis all the aforementioned administrative sub-divisions of Greece, except the area of "Agion Oros", for which data are not collected.</p>		
3.4	Statistical concepts and definitions	
<p>The survey aims at collecting statistical data in the sectors of agriculture, livestock and fishery and more specifically on:</p> <ul style="list-style-type: none"> a) Areas and harvested production from: <ul style="list-style-type: none"> arable crops, crops under vegetables, vines, tree plantations and mixed cultivations in compact plantations, fallowland and areas under vegetable species (nurseries, seedlings and commercial flower gardens), as well as from any of the aforementioned areas that have been irrigated during the year. In addition, data are collected on the production of olive oil b) Number of bred animals and production of livestock products c) Agricultural machinery which was used for the agricultural and livestock works d) Data on inland fishery, inshore fishery by motor-propelled professional fishing vessels up to 19HP. 		
3.5	Statistical unit	
<p>The unit of the survey is the surface area, which is included within the administrative boundaries of every Municipal/Local Community of Greece. The survey covers on a census basis all the aforementioned administrative sub-divisions of Greece, except the area of "Agion Oros", for which data are not collected</p>		
3.6	Statistical population	

6,064 Municipal / Local Communities

3.7 Reference area

The survey covers all the Departments (NUTS 3) and the Municipal / Local Communities (LAU 2) of Greece with the only exception of the Agion Oros area

3.8 Time coverage

The annual agricultural statistical survey has been producing results since 1961 on an annual basis.

3.9 Base period

4. Unit of measure

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The unit of measure is as follows:

areas - stremma,
production - tonnes,
animal capital- heads of animals and
producers prices- euro .
(1 stremma: Greek unit of land area equal to 1,000 square metres)

5. Reference period

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For the annual agricultural survey, the agricultural capital refers to the production of the flowering of the same year. The reference day for animal capital and agricultural machinery is the 31st December of the same year. The production of olive oil refers to the flowering of the previous year.

6. Institutional mandate

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6.1 Legal acts and other agreements

The legal framework concerning the organization and operation of ELSTAT is as follows:

- Law 3832/2010 (Government Gazette No 38, Issue A): "*Hellenic Statistical System Establishment of the Hellenic Statistical Authority (ELSTAT) as an Independent Authority*", as amended by article 90 paragraphs 8 and 9 of the Law 3842/2010 (Government Gazette No 58, Issue A): "*Restoration of fiscal justice, confrontation of tax evasion and other provisions*", by article 10 of the Law 3899/2010 (Government Gazette No 212, Issue A): "*Urgent measures for the implementation of the assistance program of the Greek Economy*", by article 45 of the Law 3943/2011 (Government Gazette No 66, Issue A): "*Combating tax evasion, staffing of auditing services and other provisions falling within the competence of the Ministry of Finance*", by article 22 paragraph 1 of the Law 3965/2011 (Government Gazette No 113, Issue A): "*Operations Reform of the Consignment and Loan Fund, Public Debt Management Agency, Public Enterprises and Government bodies, the establishment of the General Secretary of Public Property and other provisions*" and by article 51 of the Law 4021/2011 (Government Gazette No 218, Issue A): "*Enhanced measures for the supervision and restructuring of Credit Institutions – Regulation of issues of financial nature – Ratification of the European Financial Stability Facility (EFSF) Framework-Agreement and its amendments and other provisions.*"
- Regulation (EC) No 223/2009 of the European Parliament and of the Council, on the European statistics (Official Journal of the European Union L 87/164).
- Article 14 of the Law 3470/2006 (Government Gazette No 132, Issue A): "*National Export Council, tax*

regulations and other provisions”.

- Article 3, paragraph 1c, of the Law 3448/2006 (Government Gazette No 57, Issue A): “*For the further use of information coming from the public sector and the settlement of matters falling within the responsibility of the Ministry of Interior, Public Administration and Decentralization*”.
- European Statistics Code of Practice adopted by the Statistical Programme Committee on 24 February 2005 and promulgated in the Commission Recommendation of 25 May 2005 on the independence, integrity and accountability of the national and Community statistical Authorities, after its revision, which was adopted on 28 September 2011 by the European Statistical System Committee.
- Presidential Decree 226/2000 (Government Gazette No 195, Issue A): “*Organization of the General Secretariat of the National Statistical Service of Greece*”.
- Articles 4, 8, 9, 10, 12, 13, 14, 15 and 16 of the Law 2392/1996 (Government Gazette No 60, Issue A): “*Access of the General Secretariat of the National Statistical Service of Greece to administrative sources and administrative files, Statistical Confidentiality Committee, settlement of matters concerning the conduct of censuses and statistical works, as well as of matters of the General Secretariat of the National Statistical Service of Greece*”.

The legal frame for the conduct of the annual statistical agricultural survey is the Royal Decree No 111/15-2-1962 and the Joint Ministerial Decision No 10674/B2-504/29-08-01 signed by the Minister of National Economy and the Deputy Minister of Interior, Public Administrations and Decentralization, as well as the relevant joint ministerial decision issued every year pertaining to the Approval, open tender and assignment of the conduct of the Annual Agricultural Statistical Survey and approval of the competent bodies for the survey conduct and their remuneration.

6.2 Data sharing

No

7. Confidentiality

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7.1 Confidentiality policy

The issues concerning the observance of statistical confidentiality by the Hellenic Statistical Authority (ELSTAT) are arranged by articles 6, 7 and 8 of the Law 3832/2010, as amended by article 90 paragraph 8 of Law 3842/2010 and by article 10 of Law 3899/2010, as well as by article 8 of Law 2392/1996, which was brought back into force, in accordance with article 90 paragraph 8 of Law 3842/2010 and finally by Regulation (EURATOM EEC) No 1588/1990.

Furthermore, ELSTAT disseminates the statistics in compliance with the statistical principles of the European Statistics Code of Practice and in particular with the principle of statistical confidentiality.

7.2 Confidentiality – data treatment

ELSTAT protects and does not disseminate data it has obtained or it has access to, which enable the direct or indirect identification of the statistical units that have provided them by the disclosure of individual information directly received for statistical purposes or indirectly supplied from administrative or other sources. ELSTAT takes all appropriate preventive measures so as to render impossible the identification of individual statistical units by technical or other means that might reasonably be used by a third party. Statistical data that could potentially enable the identification of the statistical unit are disseminated by ELSTAT if and only if:

- a) These data have been treated, as it is specifically set out in the Regulation on Statistical Obligations of the agencies of the Hellenic Statistical System (ELSS), in such a way that their dissemination does not prejudice statistical confidentiality or
- b) the statistical unit has given its consent, without any reservations, for the disclosure of data.

The confidential data that are transmitted by ELSS agencies to ELSTAT are used exclusively for statistical purposes and the only persons who have the right to have access to these data are the personnel engaged in

this task and appointed by an act of the President of ELSTAT.

The Statistical Confidentiality Committee (SCC) operating in ELSTAT, examines issues referring to the observance of statistical confidentiality. Within its competence is to recommend on:

- the level of detail at which statistical data can be disseminated, so as the identification, either directly or indirectly, of the surveyed statistical unit is not possible;
- the anonymization criteria for the microdata provided to users;
- the granting to researchers access to confidential data for scientific purposes.

8. Release policy

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8.1 Release calendar

At the end of December of every calendar year, ELSTAT publishes its 12-month statistics calendar, which outlines all the statistical works that are planned for next year. This plan is available on the website of ELSTAT: <http://www.statistics.gr>

8.2 Release calendar access

At the end of December of every calendar year, ELSTAT publishes its 12-month statistics calendar, which outlines all the statistical works that are planned for next year. This plan is available on the website of ELSTAT: <http://www.statistics.gr>

8.3 User access

All the data are posted on the portal of ELSTAT (<http://www.statistics.gr>)

9. Frequency of dissemination

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Provisional data on areas are released within the reference year and provisional data on production are published three months after the reference year. The final data are released ten months after the reference year.

10. Dissemination format

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10.1 News release

1. Annual press release for the provisional data on agricultural areas
2. Annual press release for the provisional data on the production of agricultural and livestock products.

10.2 Publications

1. "Areas under agricultural crops" (provisional results)
2. "Production of agricultural and livestock holdings" (provisional results)
3. "Agricultural Statistics of Greece"
4. "Statistical Yearbook of Greece"
5. "Concise statistical yearbook of Greece"
6. Monthly Statistical Bulletin

10.3 On-line database

<http://www.statistics.gr/portal/page/portal/ESYE>

10.4 Micro-data access

Users can have access to micro-data, upon request, after submitting an application and following the approval of the Statistical Confidentiality Committee.

10.5 Other

“Statistical Yearbook of Greece”, “Concise statistical yearbook of Greece” and “Monthly Statistical Bulletin”.

In addition:

<http://dlib.statistics.gr/portal/page/portal/ESYE/>

11. Accessibility of documentation

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11.1 Documentation on methodology

A short methodological note in Greek and in English is available at the following link:

[http://dlib.statistics.gr/portal/page/portal/ESYE/](#)

11.2 Quality documentation

There is not any quality report on the survey.

12. Quality management

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12.1 Quality assurance

There are guidelines for the completion and the checking of the questionnaire (EOP-1), 2007 edition. Moreover, the competent statistical workers who complete the survey questionnaires are dully trained. In addition, the questionnaires are checked in details and the tabulated data are also checked.

The quality checks are conducted by comparing the data with the data from the previous year on the basis of the percentage change between the two years ($\pm 10\%$).

There is close cooperation with the employees in the Regional Statistical Offices in order to correct the data or validate the percentage change. In addition, the employees in the Regional Statistical Offices contact the competent statistical interviewer who has completed the questionnaire. In many cases there is also cooperation with the competent employees of the Ministry of Rural Development and Food, as well as with other stakeholders such as ELOGAK (Hellenic Organisation for Milk and Meat), OPEKEPE (the Greek Payment Authority of Common Agricultural Policy), agricultural cooperatives, vines registers, etc.

12.2 Quality assessment

The data are checked and approved by the agronomist-auditors of the competent Divisions of the Regions of Greece. Moreover, the produces data are of high quality because all the procedures and rules for identifying and correcting the errors are implemented.

13. Relevance

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13.1 User needs

The main users of the survey data are: the Ministry of Rural Development and Food, Eurostat, Central

Government, Local Government, enterprises, cooperatives, universities, researchers, students, etc.
13.2 User satisfaction
The Library of ELSTAT carries out a users survey, which record users' satisfaction. The data from this survey are posted on the portal of ELSTAT: http://www.statistics.gr/portal/page/portal/ESYE/BUCKET/General/library_news_letter.pdf
13.3 Completeness
The survey covers all the variables, set out in order to meet the national needs.

14. Accuracy and reliability	Top
14.1 Overall accuracy	
The survey covers all the Municipal/Local Communities of Greece (6,064).	
14.2 Sampling error	
The survey is a census survey.	
14.3 Non-sampling error	
There are not any non-response errors. In case where a statistical interviewer does not fill in the questionnaire due to his own fault or on account of emergency, he is replaced by another interviewer or the questionnaire is filled in by an ELSTAT employee in the RSO.	
As regards errors due to erroneous recording of variables such as the quantities or the number of stremmas, etc or due to the recording in an the inappropriate box on the questionnaire, these errors are identified and dully corrected with the cooperation between the competent employees in the Regional Statistical Offices and the statistical interviewers. The same procedure is followed for the correction of errors during data entry.	

15. Timeliness and punctuality	Top
15.1 Timeliness	
Provisional data on areas are released within the reference year and provisional data on production are published three months after the reference year. The final data are released ten months after the reference year.	
15.2 Punctuality	
There is some delay in the release both of the provisional and of the final data. This delay is due to a variety of reasons such as: the competent agencies do not fill in the questionnaires in time; system failure during data entry; heavy work burden of the employees registering and checking the questionnaire; overlapping in time between many statistical surveys/tasks, etc.	

16. Comparability	Top
16.1 Comparability – geographical	
The results of the survey are not compared with the results of other Member States.	

16.2 Comparability over time

There is a problem due to the introduction of more variables and of new confusing concepts, such as “land in good agricultural condition”. Moreover, the data are compared longitudinally and if major changes are identified, further checks are carried out in order to validate the correctness of the data.

17. Coherence

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17.1 Coherence cross-domain

There are differences between the annual agricultural statistical surveys and the survey on the structure of agricultural and livestock holdings, as well as with the survey on livestock and agricultural capital because there are differences in the survey units and the data collection methods. The statistical unit in the survey on the structure of agricultural and livestock holdings and in the surveys on livestock and agricultural capital is the agricultural or livestock holding and these surveys are sampling surveys. In contrast, the statistical unit of the annual agricultural survey is the land area, which is included within the administrative boundaries of every Municipal/Local Community of Greece and it is a census survey.

The variables of other surveys, which are comparable with the annual agricultural survey, are governed by common definitions.

17.2 Coherence – internal

Some of the variables are coherent with each other.

18. Cost and burden

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The cost of the survey amounts approximately to 356,000 euro per year.

19. Data revision

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19.1 Revision policy

In case errors are identified in the data of the previous year during the checking procedure of the data of the next year, the data may be corrected.

19.2 Revision practice

20. Statistical processing

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20.1 Source data

All the collected data are personal estimations of the local bodies, except the data on olive oil production, which the statistical interviewers collect from the owners of oil presses, regardless the origin of the olive tree (which Municipal/Local community).

20.2 Frequency of data collection

Annual

20.3 Data collection

The data are collected by local bodies and more specifically by employees working in the Municipalities or in other public services or public entities under public law, as well as by external statistical interviewers.

The survey is conducted in two stages:

- a) From June to December each statistical interviewer, assisted by other local bodies, must gradually fill in a common form of questionnaire for the Municipal/Local community under his competency. The information he must complete pertain to the following: areas under several crops, making the distinction for irrigated crops; number of fruit trees; agricultural production; animal capital; agricultural production; forest production; number of agricultural machinery; inland water fishery; inshore fishery with motor-propelled professional fishing vessels up to 19HP.
- b) From August to December, the statistical correspondents fill in the forms A and B on the basis of the data coming from the questionnaires. These forms pertain to the areas and the production, respectively, of the most important agricultural and livestock products.

20.4 Data validation

Computerized cross-checking of the data in the correlating questions of the questionnaires and checking of the most extreme values (computerize and quality checks).

20.5 Data compilation

Automated checks, completeness and coherence checks and crosschecks. Logical checks, longitudinal evolution of average production values by Department. Logical correlation of the production values, correlation of the primary and secondary products.

The tables which are compiled pertain to:

- a) Agriculture, i.e., areas under several crops, number of fruit trees, number of agricultural machinery, primary agricultural production and production of some secondary agricultural products.
- b) Livestock, i.e., number of animal of each age, production of livestock products.
- c) Production of forestry products.
- d) Inland fishery, inshore fishery by motor-propelled professional fishing vessels up to 19HP

20.6 Adjustment

21. Comment

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