

Single Integrated Metadata Structure (SIMS v2.0)

(user oriented)

Country: Greece

Compiling agency: ELSTAT

Domain name:

ELSTAT metadata

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1. Contact Top	
1.1 Contact organisation	Hellenic Statistical Authority (ELSTAT)
1.2 Contact organisation unit	Division of Social Statistics, Department of Health Statistics and Social Security and Protection, code 010104Γ6
1.3 Contact name	Evangelos Kokotas, employee of the Department
1.4 Contact person function	Transmission and collection of questionnaires, data checks and data entry, management of the application for the survey on Pharmacies-Wholesale drugstores and Pharmacists, production of results, compilation of data tables for publication.
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2. Metadata update		Top
2.1 Metadata last certified	OCTOBER 2017	
2.2 Metadata last posted	OCTOBER 2017	
2.3 Metadata last update	JANUARY 2018	

3. Statistical presentation		Top
3.1 Data description		
<p>The purpose of the survey is to record all the Pharmacies and Wholesale drugstores and Pharmacists in Greece, at the levels of Regional Unit and Geographical Region.</p> <p>The survey is a census survey and it is conducted on an annual basis.</p> <p>Data is collected from administrative sources (Pan Hellenic Pharmaceutical Association).</p> <p>Census is annual and it is conducted since 2004.</p>		
3.2 Classification system		
The geographical classification is based on the classification of territorial units, NUTS2.		
3.3 Sector coverage		
-		
3.4 Statistical concepts and definitions		
The variables of the survey are the "Pharmacy", the "Wholesale drugstore" and the "Pharmacist" of Greece.		
3.5 Statistical unit		
The statistical units are the "Pharmacy", the "Wholesale drugstore" and "Pharmacist" of Greece.		
3.6 Statistical population		
The statistical population is all the Pharmacies, all the Wholesale drugstores, and Pharmacists of Greece.		
3.7 Reference area		
Greece total.		
3.8 Time coverage		
Data are available on ELSTAT's website for the years 2004 up to 2016 on an annual basis.		
3.9 Base period		
-		

4. Unit of measure		Top
The unit of measure is the Pharmacy, the Wholesale drugstore and the Pharmacist.		

5. Reference period		Top
The 31 st of December of every year when the survey is conducted.		

6. Institutional mandate		Top
6.1 Legal acts and other agreements		
<p>The legal framework concerning the organization and operation of ELSTAT is as follows:</p> <p>➤ Law 3832/2010 (Government Gazette No 38, Issue A): <i>"Hellenic Statistical System Establishment of</i></p>		

the Hellenic Statistical Authority (ELSTAT) as an Independent Authority", as amended and in force

- **Regulation on the Operation and Administration of the Hellenic Statistical Authority** (ELSTAT), 2012, (Government Gazette No 2390, Issue B, 28-8-2012)
- **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, 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 Framework is detailed in the following link:

<http://www.statistics.gr/en/legal-framework>

6.2 Data sharing

Non-Monetary Health Care Statistics - Joint questionnaire (EUROSTAT/OECD/WHO)

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 7, 8 and 9 of the Law 3832/2010 as in force, by Articles 8, 10 and 11(2) of the Regulation on Statistical Obligations of the agencies of the Hellenic Statistical System and by Articles 10 and 15 of the Regulation on the Operation and Administration of ELSTAT.

More precisely:

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.

<http://www.statistics.gr/en/statistical-confidentiality?inheritRedirect=true>

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.
- ELSTAT may grant researchers conducting statistical analyses for scientific purposes access to data that enable the indirect identification of the statistical units concerned. The access is granted provided the following conditions are satisfied:
 - a) an appropriate request together with a detailed research proposal in conformity with current scientific standards have been submitted;
 - b) the research proposal indicates in sufficient detail the set of data to be accessed, the methods of analyzing them, and the time needed for the research;
 - c) a contract specifying the conditions for access, the obligations of the researchers, the measures for respecting the confidentiality of statistical data and the sanctions in case of breach of these obligations has been signed by the individual researcher, by his/her institution, or by the organization commissioning the research, as the case may be, and by ELSTAT.
- Issues referring to the observance of statistical confidentiality are examined by the Statistical Confidentiality Committee (SCC) operating in ELSTAT. The responsibilities of this Committee are to make recommendations to the President of ELSTAT 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.
- The staff of ELSTAT, under any employment status, as well as the temporary survey workers who are employed for the collection of statistical data in statistical surveys conducted by ELSTAT, who acquire access by any means to confidential data, are bound by the principle of confidentiality and must use these data exclusively for the statistical purposes of ELSTAT. After the termination of their term of office, they are not allowed to use these data for any purpose.
- Violation of data confidentiality and/or statistical confidentiality by any civil servant or employee of ELSTAT constitutes the disciplinary offence of violation of duty and may be punished with the penalty of final dismissal.
- ELSTAT, by its decision, may impose a penalty amounting from ten thousand (10,000) up to two hundred thousand (200,000) euros to anyone who violates the confidentiality of data and/or statistical confidentiality. The penalty is always imposed after the hearing of the defense of the person liable for the breach, depending on the gravity and the repercussions of the violation. Any relapse constitutes an aggravating factor for the assessment of the administrative sanction.

8. Release policy	Top
8.1 Release calendar	
The date for the release of data is 26-9-2017	
8.2 Release calendar access	
http://www.statistics.gr/el/calendar	
8.3 User access	
<p>Data are released concomitantly to all interested parties through the tables which are posted on the website of ELSTAT, http://www.statistics.gr, at the link "Statistical Themes>Health-Social Protecion >Public Health"</p> <p>The equal access of all users to data is governed by the provisions of the European Statistics Code of Practice by respecting scientific independence and in an objective, professional and transparent manner in which all users are treated equitably. Data are not made available to users before their publication.</p>	

9. Frequency of dissemination	Top
Annually.	

10. Accessibility and clarity	Top
10.1 News release	
The Press Release date is 26-9-2016	
10.2 Publications	
<p>The results of the Pharmacies- Wholesale drugstores Survey of ELSTAT are published in the "Statistical Yearbook" of ELSTAT, which is provided to subscribers for a fee or after an application to the Hellenic Statistical Authority.</p> <p>All above mentioned data are available upon request at:</p> <p>Division of Statistical Information and Publications 46, Peireos & Eponiton str., 185 10 Piraeus Tel. (+30) 213-1352173, FAX : (+30) 213-1352022 e-mail : data.dissem@statistics.gr</p>	
10.3 On-line database	
No on-line database.	
<u>10.3.1 Data tables - consultations</u>	
Total access to the website as regards the above survey for the year 2017 amounts to 1929 hits.	
10.4 Micro-data access	
<p>The micro data are available upon request at:</p> <p>Division of Statistical Information and Publications 46, Peireos & Eponiton str., 185 10 Piraeus Tel. (+30) 213-1352173, FAX: (+30) 213-1352022 e-mail : data.dissem@statistics.gr</p> <p>Due to confidentiality reasons, access to micro data is allowed only under strict conditions, fully observing the relevant process.</p>	
10.5 Other	
http://dlib.statistics.gr/portal/page/portal/ESYE/	

10.5.1 Metadata – consultations

Not calculated. The latest data were validated in December 2017.

10.6 Documentation on methodology

There is no descriptive or methodological note for the survey. The survey is a census survey and data are collected for the total number of pharmacies and wholesale drugstores throughout Greece by the Pan-Hellenic Pharmaceutical Association.

10.6.1 Metadata completeness – rate

100%

10.7 Quality documentation

No quality report is compiled.

11. Quality management

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11.1 Quality assurance

Quality checks mostly pertain to comparisons of available data with corresponding data of the previous year, at the level of the Department (NUTS 3).

In cases where there are significant differences within the time series, the provided data are confirmed after communication with the responsible agency (Pan Hellenic Pharmaceutical Association).

11.2 Quality assessment

The quality of the results of the survey on Pharmacies – Wholesale drugstores and Pharmacists is considered satisfactory. During data collection logical checks are carried out and any errors are duly corrected.

12. Relevance

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12.1 User needs

Users are mainly individual users or agencies relating to the health sector for professional or training – research purposes.

12.2 User satisfaction

<http://www.statistics.gr/en/user-satisfaction-survey>

12.3 Data completeness

Completeness of the results of the survey on Pharmacies – Wholesale drugstores and Pharmacists is considered satisfactory.

13. Accuracy and reliability

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13.1 Overall accuracy

Overall accuracy of the survey on Pharmacies – Wholesale drugstores and Pharmacists is satisfactory, with main source of errors non-sampling errors.

13.2 Sampling error

Data refer to Pharmacies – Wholesale drugstores and Pharmacists census survey. There are no sampling errors since data are collected from administrative sources (Pan Hellenic Pharmaceutical Association).

13.3 Non-sampling error

No coverage errors because the survey refers to Greece total.

Non-sampling errors refer to the response rate the administrative sources providing the data on Pharmacies

- Wholesale drugstores and Pharmacists, which is considered satisfactory.

a. Unit non – response

b. Item non - response

13.3.1 Coverage error

No coverage errors since the survey is a census survey.

13.3.1.1 Over-coverage – rate

No.

13.3.1.2 Common units – proportion

Not applicable, data are collected only from administrative sources.

13.3.2 Measurement error

Not applicable, data are collected only from administrative sources.

13.3.3 Processing error

Checks during data entry.

13.3.4 Model assumption error

Not applicable.

14. Timeliness and punctuality

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14.1 Timeliness

Final results are published approximately 270 days after the end (31/12) of the reference year.

14.2 Punctuality

Results are usually published on time and the statistical product is updated.

15. Coherence and comparability

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15.1 Comparability - geographical

Data is comparable at the level of the Region (NUTS 2), since the methodology that is used is the same throughout Greece.

15.1.1 Assymetry for mirror flows statistics – coefficient

Not applicable.

15.2 Comparability over time

From 2004 onwards, data are comparable over time.

15.3 Coherence cross-domain

There are no corresponding data from other sources or agencies of the Hellenic Statistical System for this survey.

15.3.1 Coherence – sub annual and annual statistics

Not applicable, the survey is an annual survey.

15.3.2 Coherence – National Accounts

Not applicable, no common variables with National Accounts.

15.4 Coherence - internal

Variables are coherent internally. There is problem of coherence as regards the classification of geographical regions.

16. Cost and burden

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Not calculated.

17. Data revision

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17.1 Revision policy

The Revision policy implemented by ELSTAT is presented on ELSTAT's website at:
<http://www.statistics.gr/documents/20181/a49dca9a-dacf-4b52-b5df-b156216cb354>

17.2 Revision practice

ELSTAT's revision policy is implemented.

18. Statistical processing

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18.1 Source data

The primary data of the survey on Pharmacies – Wholesale drugstores and Pharmacists are based on administrative sources and are provided by the Pan Hellenic Pharmaceutical Association. Data refer to census survey and refer to the total number of Pharmacies - Wholesale drugstores and Pharmacists in Greece.

18.2 Frequency of data collection

Data are collected on an annual basis.

18.3 Data collection

ELSTAT and more specifically the Division of Social Statistics sends a relevant letter to the Pan-Hellenic Pharmaceutical Association and then the association after having collected the data from all the Departments of Greece, transmits the collected data to ELSTAT by e-mail.

18.4 Data validation

Primary data are mostly checked for their chronological consistency. Cases where significant differences are observed from year to year regarding the total number of Pharmacies - Wholesale drugstores and Pharmacists per Regional Unit are examined. Any errors are duly corrected by means of logical checks.

18.5 Data compilation

Primary data are checked and processed, they are imported into the electronic database, they are tabulated and finally tables are compiled containing the final results.

18.5.1 Imputation – rate

Not applicable, the survey is a census survey.

18.6 Adjustment

No adjustment.

18.6.1 Seasonal adjustment

Not applicable.

19. Comment

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