Single Integrated Metadata Structure (SIMS)

Country: Greece

Compiling agency: ELSTAT

Domain name: SURVEY ON HOTELS, SIMILAR ESTABLISHMENTS AND TOURIST CAMPSITES

ELSTAT metadata
Reference metadata

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2. Introduction

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The survey on hotels, similar establishments and tourist campsites is a monthly survey conducted pursuant to Regulation **(**EU) No 692/2011 of the European Parliament and of the Council. It is addressed to all the hotels in Greece which are registered in the Hellenic Chamber of Hotels. The data are collected on a monthly basis. The compiled tables contain annual data, which refer to arrivals, and overnight stays of residents and non-residents.

3. Metadata Update

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3.1 Metada last certified	October 2017
3.2 Metadata last posted	October 2017
3.3 Metadata last updated	October 2017

4. Statistical Presentation

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4.1 Data description

The survey on hotels, similar establishments and tourist campsites is a monthly survey conducted pursuant to Regulation (EU) No 692/2011 of the European Parliament and of the Council. It is addressed to all the hotels in Greece which are registered in the Hellenic Chamber of Hotels. The data are collected on a monthly basis. The compiled tables contain annual data which refer to arrivals and overnight stays of residents and non-residents in the hotels and similar establishments and tourist campsites of Greece, the number of establishments bedrooms and bed places.

Regarding the "holiday and short-stay accommodation" (Nace Rev2 55.2), data are produced on the basis of estimates.

4.2 Classification system

Accommodation establishments are classified according to NACE rev.2 classification (groups 55.1, 55.2 and 55.3).

The regional classification used is the NUTS classification: NUTS 1 and NUTS 2.

The countries classification used is ISO 3166 International standard for countries codes.

Annual data on number of establishments, bedrooms and bed places are classified by NUTS 2 level, by the degree of urbanisation and by coastal/non-coastal area.

4.3 Sector coverage

For 55.1 and 55.3, all the establishments (hotels, similar establishments and tourist campsites) which are registered in the Hellenic Chamber of Hotels.

For 55.2, all the holiday and short-stay accommodation which are registered in the Ministry of Tourism.

4.4 Statistical concepts and definitions

According to Regulation 692/2011 of the European Parliament and of the Council.

Resident: a person who permanently resides in Greece, irrespective of his citizenship.

Non-resident: a person that does not live in Greece, irrespective of his citizenship.

Arrivals: arrivals at the establishments are calculated for every person separately. The data refer to the total number of persons and not to the total number of occupied rooms. Only the persons that had at least one overnight stay in the establishment are calculated.

Overnight stays (nights spent): overnight stays are calculated for every person separately. The data refer to the total number of nights spent by every person and not to the total number of nights spent in every room.

Occupancy of bed-places: the monthly occupancy of bed-places is calculated taking into account the number of the bed-places that were in operation in each establishment. The rate refers to the occupancy that was accomplished, as opposed to the maximum occupancy that is expected according to the available bed-places.

The occupancy of the period is the result of the average occupancy rates of every month of the period, weighted by the bed-places that were in operation for each month.

4.5 Statistical unit

Hotels, similar establishments and tourist campsites and holiday and short-stay accommodation.

4.6 Statistical population

All establishments registered at the Hellenic Chamber of Hotels (hotels, other similar establishments and tourist campsites) and holiday and short-stay accommodation derived from the Register of the Ministry of Tourism.

4.7 Reference area

Total of Greece, analysed by Region and Prefecture. Data are broken down by Region (NUTS 2) and tourist travel areas and regions which are classified by reference to their distance from the sea and the degree of urbanisation.

4.8 Time coverage

For 55.1, data are available from 1984 to 2011 according to Council Directive 95/57/EC, and from 2012 onwards according to the Regulation 692/2011 (annual and monthly).
For 55.2, data are available from 2009 to 2011 according to Council Directive 95/57/EC, and from 2012 onwards according to Regulation 692/2011. For the years 2009, 2010, 2014 and 2016 data has been calculated by estimations.
For 55.3, data are available from 1995 to 2011 according to Council Directive 95/57/EC, and from 2012 onwards according to the Regulation 692/2011 (annual and monthly data).

4.9 Base period

Not applicable.

5. Unit of measure

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Number of establishments, rooms, bed-places, pitches, Number of arrivals and overnight stays (nights spent) are measured in units.
Occupancy for bedrooms and bed places are measured in %.

6. Reference period

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Annual data for 2016.

7. Institutional mandate

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7.1 Legal acts and other agreements

The legal framework concerning the organisation and operation of ELSTAT is available on the website at the following link:
http://www.statistics.gr/en/legal-framework

Regulation **(**EU) No 692/2011 of the European Parliament and of the Council.

http://eur-lex.europa.eu/LexUriServ/LexUriServ.do?uri=OJ:L:2011:192:0017:0032:EN:PDF

7.2 Data sharing

Data are transmitted to Eurostat, OECD, World Tourism Organization and the UN.

8. Confidentiality

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8.1 Confidentiality policy

The confidentiality policy of ELSTAT is available on the website of ELSTAT at the following link: http://www.statistics.gr/en/statistical-confidentiality .

8.2 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 defence 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.

9. Release policy Top

9.1 Release calendar

At the end of September of every calendar year, ELSTAT publishes its Release 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/en

9.2 Release calendar access

The announcements calendar is posted on the website of ELSTAT: http://www.statistics.gr/en

9.3 User access

The main tables of the survey are posted on the website of ELSTAT: www.statistics.gr, http://www.statistics.gr/en/statistics/-/publication/STO12/2016
More detailed data are made available by the Library and the Section of Statistical Dissemination of ELSTAT (data.dissem@statistics.gr).

10. Frequency of dissemination Top

Provisional monthly data are transmitted to Eurostat 90 days after the end of the reference month.
Annual data are transmitted to Eurostat 180 days after the end of the reference year.

11. Dissemination Format Top

11.1 News release

A press release is published for 2016 and is available in the following link:
http://www.statistics.gr/en/statistics/-/publication/STO12/2016

11.2 Publications

The main tables of the survey are posted on the website of ELSTAT: www.statistics.gr , http://www.statistics.gr/en/statistics/-/publication/STO12/2016

Moreover, the survey results are published in the regular publications of ELSTAT, namely “Greece in Figures” (http://www.statistics.gr/en/greece-in-figures) , as well as in a special publication issued for the Thessaloniki International Fair (TIF).

11.3 On-line database

There is no an on-line database.
Data are available at the website of ELSTAT, at the following link:
http://www.statistics.gr/en/statistics/-/publication/STO12/2016

11.3.1 Data tables - consultations

Total access to the website as regards the survey on hotels similar establishments and tourist campsites for the year 2016 amounts to 21.374 hits. There is no possibility to make a distinction between user’s consultations on data tables and user’s consultation on metadata.

11.4 Micro-data access

Microdata are made available to users after submitting a request to the:
Division of Statistical Information and Publications
46, Peiraios and Eponiton Str.,
18510 Piraeus
Tel: +30 213 135 2022
Fax: +30 213 135 2312
e-mail: data.dissem@statistics.gr
Confidentiality of data is always ensured. More details on this issue are available on the website of ELSTAT at the following link: http://www.statistics.gr/en/scientific_provision_data

11.5 Other

More detailed data are made available by the Library and the Section of Statistical Dissemination of ELSTAT. Furthermore, relevant data can be found on the webpage of Eurostat:
http://ec.europa.eu/eurostat/data/database

11.5.1 Metadata - consultations

The access to the website as regards metadata of the survey is included in paragraph 11.3.1.

12. Accessibility of documentation Top

12.1 Documentation on methodology

There is a methodological manual for tourism statistics.
http://ec.europa.eu/eurostat/documents/3859598/6454997/KS-GQ-14-013-EN-N.pdf

Methodological note is available at the following link:
http://www.statistics.gr/el/statistics/-/publication/STO12/2016

12.1.1 Metadata completeness (percentage)

Metadata for the survey on hotels, similar establishments and tourist campsites are posted on the website of ELSTAT (www.statistics.gr), therefore completeness amounts to 100%.

12.2 Quality documentation

There is no relevant document.

13. Quality management

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13.1 Quality assurance

The survey is compiled in compliance with Regulation 692/2011 and the European Statistics Code of Practice.
All the necessary checks are carried out in order to eliminate any measurement errors. Quality checks and validation of data are conducted throughout the whole process of the production of statistics, from data collection to the estimation of the survey results.

13.2 Quality assessment

All the checks, crosschecks and comparisons of data taking place at each stage of the production- where any identified errors are duly corrected- ensure that the produced results are considered high quality results.
Moreover, EDIT-EBB tool is used for the validation of the data.

14. Relevance

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14.1 User needs

The main users of the survey are:
• The Ministry which is responsible for Tourism (drawing policy on tourism)
• Agencies that elaborate and compile studies and researches, such as the Bank of Greece, the Institute for Tourism Research and Forecasts (ITEP), universities, etc.
• Local Government
• Enterprises, individual users (for investing in tourism or other issues.)

14.2 User satisfaction

Generally, there is a good cooperation with users and immediate, at the extent possible, response to their needs. Comments received from the users are positive. At the same time, ELSTAT conducts a User Satisfaction Survey. The comments of the press are positive. More information on the latest results of the User Satisfaction Survey are available in the Library Newsletter
posted on the webpage of ELSTAT at : http://www.statistics.gr/en/user-satisfaction-survey

14.3 Completeness

The survey collects information on all the variables stipulated in the EU Regulation 692/20011 and it takes into consideration the guidelines laid down in the methodological manual on tourism statistics.

15. Accuracy and reliability

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15.1 Overall accuracy

The survey on hotels, similar establishments and tourist campsites is a census survey.
Data on holiday and short-stay accommodation (55.2) are produced on the basis of estimates.

15.2 Sampling error

There are no sampling errors for 55.1 and 55.3. Data are derived from a census survey.
For 55.2, there are no sampling errors, due to the fact that data are derived from estimations.

15.3 Non-sampling error

There is no over-coverage errors.

15.3.1 Coverage error

Coverage errors are due to the fact that the exact number of hotel establishments operating each month is not known.

15.3.1.1 Over-coverage rate

No over-coverage.

15.3.1.2 Common units (percentage)

Not applicable. The data are collected from administrative sources.

15.3.2 Measurement error

In order to eliminate measurements errors, the following steps are taken:

- The hotel establishments are given instructions on how to fill in the survey questionnaire
- The staff of the Tourism Statistics Section is duly trained in order to correct properly the questionnaires
- Automated checks during data entry ensured by an electronic application
- Any error, which is identified, is duly corrected after contacting with the relevant surveyed unit.

15.3.3 Non response error

The survey results refer approximately to 80,0% of the total available beds. Efforts are made in order to increase response rate by means of continuous contacts with the tourist establishments (sending letter, e-mails, etc)

15.3.4 Processing error

Qualitative and quantitative checks are conducted on the data of the database in order to detect and duly correct errors during data entry.

15.3.5 Model assumption error

ARIMA model and an exponential smoothing model are used to estimate the monthly data on tourist campsites.

16. Timeliness and punctuality

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16.1 Timeliness

1. Provisional monthly data are transmitted to Eurostat 90 days after the end of the reference month. The final monthly data are published 180 days after the end of the reference year.
2. The annual data are published 180 days after the end of the reference year.

16.2 Punctuality

The survey data for the reference year 2016 were published in September 2017.

17. Comparability

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17.1 Comparability -– geographical

Data are comparable across the country. The data are also comparable with the corresponding data of the other EU Member States, since the survey is conducted in compliance with EU Regulation 692/2011.

17.1.1 Assymetry for mirror – flows – statistical (coefficient)

Not applicable.

17.2 Comparability – over time

The data are comparable from 2012 onwards because the same definitions and methodology for the production of results are used.

18. Coherence

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18.1 Coherence cross-domain

The survey results are not compared to other sources or statistical domains.

18.1.1 Coherence – sub annual and annual statistics

There is coherence among monthly, quarterly and annual data.

18.1.2 Coherence – National Accounts

No data from National Accounts are used.

18.2 Coherence – internal

The data are characterized by internal coherence; the same definitions, database and methodology are used.

19. Cost and Burden

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Not estimated.

20. Data revision

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20.1 Revision policy

The data are revised, when necessary, in accordance with the Circular on the Revision Policy of ELSTAT, which is available at the following link: http://www.statistics.gr/en/policies

20.2 Revision practice

For 55.1 and 55.3 data have not been revised. For 55.2, data are derived from estimations.

21. Statistical processing

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21.1 Source data

The data on arrivals and overnight stays in hotels, similar establishment and tourist campsites of Greece are collected by means of a census survey conducted on a monthly basis, by filling a specially designed questionnaire for each tourist establishment and for every month of operation. All the hotel establishments and tourist campsites of Greece are obliged to respond to this questionnaire.

For 55.1 and 55.3, the information on the survey units (tourist establishments and campsites) derives from the Register of the Hellenic Chamber of Hotels which is received every year. This Register is used for the update of the relevant databases and Registers kept by the Tourism Statistics Section of ELSTAT.

For 55.2, data derived from estimations. Tourism statistics unit keeps and maintains register of 55.2 accommodation establishments which was derived from the register of the Ministry of Tourism and it is revised yearly.

21.2 Frequency of data collection

Monthly and annually.

21.3 Data collection

For 55.1 and 55.3 establishments, data are collected by an exhaustive survey.

For 55.2 establishments, data are derived from estimations.

21.4 Data validation

Analytical checks are conducted on the tabulated survey results both by ELSTAT and Eurostat. Qualitative and quantitative checks, checks and cross-checks of primary data, as well as comparisons with corresponding data of the previous years.

Data are validated by ELSTAT using the EDIT-EBB tool.

21.5 Data compilation

Quantitative and qualitative checks are made:

- Checks and crosschecks of the primary data
- Comparisons with the corresponding data of the previous year.

Imputation methods are used to deal with non-response. Missing responses are imputed with data given by the same respondent from previous period. The data is extracted from our database and then missing values are imputed.

For processing and tabulation of data, several tools are used, such as excel spreadsheets applications and estimation of data on the basis of the corresponding data of the previous years, taking into consideration data trend and seasonality.

21.6 Adjustment

No adjustment.

21.6.1 Seasonal adjustment

No seasonal adjustment.

22. Comment

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