

Single Integrated Metadata Structure (SIMS v2.0)

(user oriented)

Country: Greece

Compiling agency: Hellenic Statistical Authority (ELSTAT)

Domain name: Survey on Arrivals and Nights spent in Hotels, Similar Establishments and Tourist Campsites

Survey on Arrivals and Nights spent in Short-stay Accommodation Establishments

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
2.1 Metadata last certified	September 2022	
2.2 Metadata last posted	September 2022	
2.3 Metadata last update	September 2022	
3. Statistical presentation		Top
3.1 Data description		
<p>The survey on Arrivals and Nights spent in Hotels, Similar Establishments and Tourist Campsites and the survey on Arrivals and Nights Spent in Short-stay Accommodation Establishments, are monthly census surveys conducted pursuant to Regulation (EU) No 692/2011 of the European Parliament and of the Council and of Commission Delegated Regulation (EU) 2019/1681, of August 1st 2019. An additional annual sample survey is conducted for the short-stay accommodation establishments.</p> <p>The data collected refer to arrivals and nights spent by residents and non-residents in hotels, similar establishments, short-stay accommodation establishments and tourist campsites.</p>		
3.2 Classification system		
<p>Accommodation establishments are classified according to Statistical Classification of Economic Activities in the European Community (NACE rev.2), groups 55.1, 55.2 and 55.3.</p> <p>The territorial classification of regional data is broken down according to the Nomenclature of Territorial Units for Statistics (NUTS) classification.</p> <p>Country codes are based on the International Organisation of Standardisation – alpha-2 format (ISO 3166).</p>		
3.3 Sector coverage		
<p>Accommodation statistics cover groups of the Statistical classification of economic activities (NACE Rev.2):</p> <ul style="list-style-type: none"> 55.1 Hotels and similar accommodation 55.2 Holiday and other short-stay accommodation 55.3 Camping grounds, recreational vehicle parks and trailer parks 		
3.4 Statistical concepts and definitions		
<p>Resident: Every person, regardless of citizenship, that has resided in Greece for at least a year, or has arrived in Greece with the intention to reside in the country for at least 1 year.</p> <p>Non-resident: Every person, regardless of citizenship, that is not considered to be resident.</p> <p>Arrivals: The 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 rooms that were occupied. Only the persons that had at least one overnight stay at the establishment are counted.</p> <p>Nights spent: The nights spent 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.</p> <p>Occupancy of bed-places: The monthly occupancy of bed-places is calculated on the basis of the number of the bed-places, as reported by each establishment. The rate refers to the occupancy that was accomplished, as compared with 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.</p> <p>The statistical concepts and definitions of the survey are described in Regulation (EU) No 692/2011 of the European Parliament and of the Council. Further information on the definitions and the methodology of the survey are available in the Methodological Manual for Tourism Statistics.</p>		
3.5 Statistical unit		
<p>Local kind-of-activity units (accommodation establishments) offering short-stay accommodation as a paid service to tourists and operate under groups 55.1 Hotels and similar accommodation, 55.2 Holiday and other short-stay accommodation and 55.3 Camping grounds, recreational vehicle parks and trailer parks of NACE Rev. 2.</p>		

3.6 Statistical population
<p>All hotels, similar establishments and tourist campsites of ELSTAT's statistical register of hotels, similar establishments and tourist campsites, which is updated annually by the Hellenic Chamber of Hotels.</p> <p>All short-stay accommodation establishments of ELSTAT's statistical register of short-stay accommodation establishments, which is updated annually by the Ministry of Tourism.</p>
3.7 Reference area
Greece (NUTS 0) and regions of Greece (NUTS 2). Data on arrivals and nights spent in hotels and similar establishments are published at NUTS 3 and Municipality level as well.
3.8 Time coverage
Data according to Regulation (EU) 692/2011 of the European Parliament and of the Council are available from 2012 onwards.
3.9 Base period
Not applicable.
4. Unit of measure Top
<p>Number of arrivals and nights spent are expressed in absolute values.</p> <p>Occupancy rates are expressed in percentage.</p>
5. Reference period Top
Calendar months and year.
6. Institutional mandate Top
6.1 Legal acts and other agreements
<ul style="list-style-type: none"> The legal framework concerning the organization and operation of ELSTAT is detailed on the website of ELSTAT. Regulation (EU) 692/2011 of the European Parliament and of the Council and of Commission Delegated Regulation (EU) 2019/1681, of August 1st 2019.
6.2 Data sharing
Data tables are transmitted to Eurostat, the Organisation for Economic Co-operation and Development (OECD) and the World Tourism Organisation of the United Nations (UNWTO).
7. Confidentiality Top
7.1 Confidentiality – policy
<p>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.</p> <p>More precisely:</p> <p>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.</p> <p>http://www.statistics.gr/en/statistical-confidentiality?inheritRedirect=true</p> <p><u>Protection of personal data</u></p> <p>ELSTAT abides by the commitments and obligations arising from the applicable EU and national legislation on the protection of the individual from the processing of personal data and the relevant decisions, guidelines and regulatory acts of the Hellenic Data Protection Authority.</p>

Pursuant to the Regulation on the protection of natural persons with regard to the processing of personal data [Regulation (EU) 2016/679 of the European Parliament and of the Council of 27 April 2016 (General Data Protection Regulation - GDPR)], ELSTAT implements the appropriate technical and organisational measures for ensuring adequate level of security against risks for the personal data it collects and has access to, in the context of carrying out its tasks, in order to meet the requirements of this Regulation and to protect these personal data from any unauthorised access or illegal processing.

The personal data collected by ELSTAT are used exclusively for purposes related to the conduct of surveys and the production of relevant statistics. Only ELSTAT has access to the data. The controller is the person appointed by law pursuant to the relevant provisions concerning the Legal Entities of Public Law and the Independent Authorities. The data are stored in the databases of ELSTAT for as long as required by the relevant legislation.

Legal basis of the processing: Article 6, para 1(c) and 1(d) of the General Data Protection Regulation (GDPR)

<https://www.statistics.gr/el/privacy-info>

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 analysing 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.
 - Pursuant to the Regulation on the protection of natural persons with regard to the processing of personal data [Regulation (EU) 2016/679 of the European Parliament and of the Council, of 27 April 2016 (General Data Protection Regulation - GDPR)], ELSTAT implements the appropriate technical and organisational measures for ensuring adequate level of security against risks for the personal data it collects and has access to, in the context of carrying out its tasks, in order to meet the requirements of this Regulation and to protect these personal data from any unauthorised access or illegal processing

8. Release policy

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8.1 Release calendar

In September of each year ELSTAT publishes a [press release calendar](#), which includes the exact dates for the publication of all Press Releases for the following year.

8.2 Release calendar access

The [release calendar](#) is available on the website of ELSTAT.

8.3 User access

The survey results are made available to all users simultaneously, by posting relevant tables on the [website](#) of ELSTAT. Equal access of users to data is governed by 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.

9. Frequency of dissemination

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Monthly estimates of arrivals and nights spent by type of establishment are transmitted to Eurostat within 6 weeks after the end of the reference month.

Provisional data on arrivals and nights spent in hotels, similar establishments and tourist campsites for the period January – September are made available on the website of ELSTAT within 3 months after the end of the reference period.

Final monthly and annual data are transmitted to Eurostat within 6 months after the end of the reference year.

Final monthly and annual data are made available on the website of ELSTAT within 7 months after the end of the reference year through a [press release](#).

10. Accessibility and clarity

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10.1 News release

Press releases are posted on the [website](#) of ELSTAT according to the dates of the Press Release Calendar.

10.2 Publications	
Data tables are posted on the website of ELSTAT.	
Moreover, results of the survey are published in the regular publication of ELSTAT Greece in Figures as well as in a special publication issued for the Thessaloniki International Fair .	
10.3 On-line database	
On-line database is not available, but data tables are posted on the website of ELSTAT (see 10.2, 10.4, 10.5).	
10.3.1 Data tables - consultations	
The hits to the website of ELSTAT (data tables and metadata) as regards the section Hotels, rooms for rent and tourist campsites, amounted to 47,541 for the calendar year 2021. It is not possible to make a distinction between users' consultations on data tables and users' consultations on metadata.	
10.4 Micro-data access	
Micro-data are made available to users under strict conditions and with respect to the relevant policy of ELSTAT after submitting a request to the:	
Division of Statistical Information and Publications, 46, Peiraios and Eponiton Str., 18510 Piraeus Tel: +30 213 135 2022 e-mail: data.dissem@statistics.gr .	
10.5 Other	
Previous years' data are available through ELSTAT's Digital Library .	
More detailed data are made available upon request by the Dissemination Section of ELSTAT. Data requests should be addressed to:	
Division of Statistical Information and Publications, 46, Peiraios and Eponiton Str., 18510 Piraeus Tel: +30 213 135 2022 e-mail: data.dissem@statistics.gr	
Furthermore, relevant data are available on the website of Eurostat .	
10.5.1 Metadata – consultations	
See 10.3.1	
10.6 Documentation on methodology	
Detailed information on the definitions and the methodology of the survey are available in Regulation (EU) No 692/2011 of the European Parliament and of the Council and in the Methodological Manual for Tourism Statistics .	
10.6.1 Metadata completeness – rate	
Metadata completeness as regards the applicable fields amounts to 100%.	
10.7 Quality documentation	
Single Integrated Metadata Structure (SIMS) v. 2, Survey on Arrivals and Nights Spent in Hotels, Similar Establishments and Tourist Campsites - Survey on Arrivals and Nights spent in Short-stay Accommodation Establishments.	
11. Quality management	Top
11.1 Quality assurance	
The surveys are conducted pursuant to Regulation (EU) No 692/2011 of the European Parliament and of the Council and the European Statistics Code of Practice .	
Detailed instructions are provided for completing the surveys' monthly questionnaire, and all the necessary checks are carried out in order to eliminate any measurement errors.	

Quality checks and data validation are conducted throughout the production process, i.e. from data collection to data tabulation.

Additionally, the quality is ensured by the [quality policy](#) of ELSTAT.

11.2 Quality assessment

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 statistics are of high quality.

Moreover, the EDIT-EBB tool provided by Eurostat is used for data validation.

12. Relevance

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12.1 User needs

The main users of the survey are:

- Eurostat, OECD, UNWTO
- The Ministry of Tourism (Greece)
- Agencies that carry out studies and researches, such as the Institute for Tourism Research and Forecasts, universities, etc.
- Government bodies
- Enterprises, individual users
- Media

12.2 User satisfaction

For every data request, users are asked to fill in a questionnaire on user satisfaction.

The results of the [User Satisfaction Survey](#) are made available by the Section of Dissemination of Statistical Information.

12.3 Data completeness

Data are collected and compiled in line with the [Regulation \(EU\) 692/2011 of the European Parliament and of the Council](#). The recommendations and guidelines of the [Methodological Manual on Tourism Statistics](#) are also taken into account.

13. Accuracy and reliability

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13.1 Overall accuracy

Coverage errors may occur either because of coverage issues in the administrative data sources used for the identification of the population frame of the surveys, or because the actual months of operation are not known for those (seasonal) establishments that do not respond to the surveys.

Item non-response is very limited.

The afore-mentioned issues are addressed to a great extent by the surveys or during the data compilation phase and, therefore, the overall accuracy of the capacity and occupancy statistics is very high.

13.2 Sampling error

The survey on Hotels, Similar Establishments and Tourist Campsites (NACE Rev. 2, 55.1 & 55.3) is a census survey and there are no sampling errors.

For short-stay accommodation establishments (NACE Rev.2, 55.2), until reference year 2019, data was collected through a sample survey, with the completion of special paper or electronic questionnaires submitted by each establishment in operation, for every month of its operation. Since reference year 2021, all establishments in operation as determined from administrative sources are surveyed and sampling errors are not accounted for.

13.3 Non-sampling error

a. Unit non – response

Unit non-response is dealt with by regular reminders to the establishments that have not responded to the survey. For the percentage of accommodations that, despite the reminders, do not respond to the survey, additional administrative

data and statistical methods are used for addressing nonresponse by grossing-up the collected data to the 100% of the total of the establishments.

b. Item non - response

Item non-response is very limited and it is not estimated.

13.3.1 Coverage error

The survey on Arrivals and Nights spent in Hotels, similar establishments and tourist campsites covers all establishments registered in the Hellenic Chamber of Hotels.

The population frame of the sample survey on Arrivals and Nights spent in Short-stay Accommodation Establishments is based on ELSTAT's Statistical Register of short-stay accommodation establishments, which is regularly updated with data of the Ministry of Tourism.

Limited coverage errors may occur due to coverage errors in the administrative data sources used for identifying the population frame of the surveys or because the status of monthly operation for those tourist accommodation establishments that do not respond to the survey is imputed.

13.3.1.1 Over-coverage – rate

Not estimated.

13.3.1.2 Common units – proportion

Not estimated.

13.3.2 Measurement error

Measurement errors by the surveyed units

The main reason of these errors is the erroneous completion of the questionnaire by the surveyed units. In order to minimize the measurement errors by the surveyed units, guidelines are included both in the web application and in the paper questionnaire.

Measurement errors by interviewers

External collaborators are used as interviewers in the frame of the survey on arrivals and nights spent in short-stay accommodation establishments (NACE Rev.2 55.2). Measurement errors by interviewers are mainly due to errors, such as failing to identify the surveyed establishments, failing to write down all the information provided, etc.

In order to eliminate the afore-mentioned measurements errors detailed guidelines are given to the interviewers and they are duly trained on the concepts of the questionnaire, on how to fill-in the survey questionnaire and on how to apply logical check its completeness.

13.3.3 Processing error

Processing errors refer to errors that may occur from the data collection stage to the finalization of the data. Processing errors include errors during data codification or during data entry.

Aiming at minimizing such errors, the following steps are taken:

- The tourist accommodation establishments are given instructions on how to fill in the survey questionnaire
- The staff of the Tourism and Culture Statistics Section is duly trained to check properly the collected data
- Automated error checks have been implemented in the electronic application [Xenios Zeus](#) that is available for the data collection
- Any error, which is identified, is duly corrected in cooperation with the relevant surveyed unit.

After the completion of all the afore-mentioned steps, any processing errors are minimized.

Qualitative and quantitative checks are performed in order to detect and duly correct any processing errors.

13.3.4 Model assumption error

Not applicable.

14. Timeliness and punctuality	Top
14.1 Timeliness	
<ol style="list-style-type: none"> 1. Monthly estimates on arrivals and nights-spent are transmitted to Eurostat within 6 weeks after the end of the reference period. 2. Provisional data on arrivals and nights spent in hotels, similar establishments and tourist campsites for the period January – September are made available on the website of ELSTAT within three months after the end of the reference period. 3. Monthly and annual final data are transmitted to Eurostat within 6 months after the end of the reference year. 4. The final monthly and annual data on arrivals and nights spent are published on the website of ELSTAT within 7 months after the end of the reference year. 	
14.2 Punctuality	
Annual and monthly final data are sent to Eurostat in accordance with the provisions of Regulation (EU) 692/2011. Bulletins and press releases are published according to the scheduled publication dates.	
15. Coherence and comparability	Top
15.1 Comparability - geographical	
Data are comparable across the geographical regions of the country. 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.	
<u>15.1.1 Asymmetry for mirror flows statistics – coefficient</u>	
Not applicable.	
15.2 Comparability over time	
The data are comparable over time because the same definitions and methodology for the production of results are used. The data for NACE Rev.2 55.1 and 55.3 from 2012 until 2017 refer to approximately 80% of the available bed-places. Since reference year 2018, additional data sources were used in combination with statistical methods for addressing non-response by grossing-up the collected data to the 100% of the total of the available bed-places.	
15.3 Coherence cross-domain	
The survey results are not directly comparable to the results of other surveys.	
<u>15.3.1 Coherence – sub annual and annual statistics</u>	
There is coherence among monthly and annual data.	
<u>15.3.2 Coherence – National Accounts</u>	
Not applicable.	
15.4 Coherence - internal	
There is internal coherence.	
16. Cost and burden	Top
Not estimated.	
17. Data revision	Top
17.1 Revision policy	
Data are revised, when necessary, in accordance with the Revision Policy of ELSTAT.	

17.2 Revision practice	
Final results have not been revised for the reference year.	
18. Statistical processing	Top
18.1 Source data	
<p>The data on arrivals and nights-spent in collective tourist establishments are compiled by means of a monthly questionnaire which is filled-in by the establishments that are in operation during the reference month.</p> <p>The population frame of the census survey of Arrivals and Nights spent in Hotels, Similar establishments and Tourist Campsites on NACE Rev. 2 55.1 and 55.3 establishments, includes all establishments registered in the Hellenic Chamber of Hotels that are in operation during the reference period. Snapshots of the Register of the Hellenic Chamber of Hotels are received regularly by the Tourism and Culture Statistics Section and all relevant in-house registers and databases are being updated accordingly.</p> <p>The population frame of the sampling survey of Arrivals and Nights Spent in Short Stay Accommodation Establishments on NACE Rev. 2 55.2 establishments, includes all short-stay accommodation establishments (rented rooms) registered in ELSTAT's Statistical Register of short-stay accommodation, which is enriched during the year by the conducted research and data from the Ministry of Tourism.</p>	
18.2 Frequency of data collection	
Data are collected on a monthly basis for the total establishments. For short stay accommodation establishments, additional data are collected annually with external collaborators.	
18.3 Data collection	
<p>The surveyed tourist accommodation establishments provide monthly data to ELSTAT in the following ways:</p> <ol style="list-style-type: none"> Via the web application Xenios Zeus By completing a questionnaire in pdf format, which is sent via e-mail to the Tourism and Culture Statistics Section of ELSTAT. By completing a paper questionnaire which is either sent to ELSTAT by post or delivered to the local Police Department. In the latter case, all the completed questionnaires are collected by the Police Directorates and sent to the Tourism and Culture Statistics Section of ELSTAT. 	
18.4 Data validation	
<p>Validation checks are conducted both by ELSTAT and Eurostat.</p> <p>Qualitative and quantitative checks, checks and cross-checks of primary data, as well as comparisons with the corresponding data of previous years are conducted on micro data and aggregated data.</p> <p>The EDIT-EBB tool is also used for data validation.</p>	
18.5 Data compilation	
<p>Data compilation includes data entry, data validation, data processing, imputation, data tabulation and output validation.</p> <p>In particular, non-response to the survey the census survey on hotels, similar establishments and tourist campsites is addressed as follows:</p> <ol style="list-style-type: none"> Regular reminders are sent out to the establishments that have not responded to the survey, for submitting data. For the percentage of establishments, which despite the reminders still have not responded to the survey, statistical methods are applied for grossing-up of the results to the total of establishments, with the application of appropriate weighting factors to the data of the establishments and campsites that responded to the survey. <p>For short-stay accommodation establishments, until reference year 2019 data were collected through a sample survey. Since reference year 2020, due to the conditions created by the pandemic of the corona virus disease (COVID-19), data are collected from all establishments in operation, on a monthly basis, and a supplementary collection is also carried out with private collaborators.</p>	

18.5.1 Imputation – rate

Not estimated.

18.6 Adjustment

18.6.1 Seasonal adjustment

Not applicable.

19. Comment

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