

## Single Integrated Metadata Structure (SIMS)

**Country:** Greece

**Compiling agency:** ELSTAT

**Domain name:** Ships and crews census  
(seafaring labour force census)

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1. Contact <a href="#">Top</a>	
1.1 Contact organisation	Hellenic Statistical Authority (ELSTAT)
1.2 Contact organisation unit	Division of Trade and Services Statistics (Γ4) Maritime Transport Statistics Section (Γ44)
1.3 Contact name	Panagiota Rapti
1.4 Contact person function	Transmission, collection and checks of questionnaires of the ships and crew census. Compilation of data and quality checks on the results, compilation and tabulation of data to be published.
1.5 Contact mail address	46, Pireos & Eponiton Str. 18510 - Piraeus

<b>1.6 Contact email address</b>	<a href="mailto:p.rapti@statistics.gr">p.rapti@statistics.gr</a>
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## 2. Introduction

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The ships and crew census is conducted every two years on the 20<sup>th</sup> of September of the census year by the Maritime Transport Statistics Section of the Division of Trade and Services Statistics of ELSTAT. The first census was conducted in 1978. The census covers all the ships under Greek flag and the Greek-owned, merchant ships contracted with the Hellenic Seamen's Pension Fund (NAT) under foreign flag of 100 GRT and over and their crew - Greek and foreign seafarers.

## 3. Metadata update

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<b>3.1 Metadata last certified</b>	December 2016
<b>3.2 Metadata last posted</b>	December 2016
<b>3.3 Metadata last update</b>	December 2016

## 4. Statistical presentation

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### 4.1 Data description

The purpose of the ships and crews census is to record the seafaring labour force of the Greek merchant fleet, to collect data referring to its characteristics and to update the Statistical Register of Ships. The census covers: a) all the merchant ships, active or laid up, b) all the seamen on duty on the ship on the day of the census, even if some of them have been fired. On the contrary, the census does not cover the seamen who were enlisted on the ships after the date of the census.

The persons who are responsible to fill in the questionnaires are: a) the captain of the ship, if the ship is active on the census day, b) the domestic or the foreign port authorities and the coast consular authorities for the ships that are not active during the census day and are located in the area of their competencies.

The survey is a census survey and it is conducted every two years.

### 4.2 Classification system

Not applicable.

### 4.3 Sector coverage

Not applicable.

### 4.4 Statistical concepts and definitions

The variables of the survey are: a) the number of ships and crew, b) the composition and educational level of the crew, c) the seafaring specialties, d) age of the seamen and ships, e) geographical origin at the level of geographical department of the Greek seamen and country of origin of foreign crew.

### 4.5 Statistical unit

The ship and the seaman.

### 4.6 Statistical population

Ships and crews.

### 4.7 Reference area

The data are supplied by the shipping companies and the port authorities of the country and refer to the total of ships of Greece under Greek flag and the Greek-owned ships contracted to the Hellenic Seamen's Pension Fund of 100 GRT and over and their crews (Greek and foreign seafarers).

### 4.8 Time coverage

From 2000 until 2014, tables with the survey results are available on the website of ELSTAT on a two-year basis.

<http://www.statistics.gr/en/statistics/-/publication/SMA12/2014>

#### 4.9 Base period

Not applicable.

### 5. Unit of measure

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Number of ships and seamen (crews).

### 6. Reference period

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Every two years.

### 7. Institutional mandate

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#### 7.1 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*", by article first of the Law 4047/2012 (Government Gazette No 31, Issue A): "*Ratification of the Act of Legislative Content "Very urgent measures for the implementation of the Medium-term Fiscal Strategy 2012-2015 and of the State Budget for 2011" and of the Act of Legislative Content "Regulation of very urgent issues for the implementation of law 4024/2011 "Pension provisions, uniform pay scale - grading system, labour reserve and other provisions for the implementation of the Medium-term Fiscal Strategy Framework 2012-2015" and of issues falling within the competence of the Ministries of Administrative Reform and E-Governance, Interior, Finance, Environment, Energy and Climate Change, and of Education, Lifelong Learning and Religious Affairs and related to the implementation of the Medium-term Fiscal Strategy Framework 2012-2015" and other provisions*", by article 323 of the Law 4072/2012 (Government Gazette No 86, Issue A): "*Improvement of the business environment New corporate form - Trade Marks - Realtors - Regulating maritime, port and fishing matters and other provisions*" and by article 7 paragraph 1 of the Act of Legislative Content dated 18/11/2012 (Government Gazette No 228, Issue A): "*Financial rules and other provisions*", by Article 93 of the Law 4182/2013 (Government Gazette No 185, Issue A): "*Code of charitable estate, inheritances in abeyance and other provisions*", by Article 6 paragraph 8 of the Law 4244/2014 (Government Gazette 60, Issue A): "*Integration in Greek law of the Council Directive 2013/1/EU of 20 December 2012 amending Directive 93/109/EC as regards certain detailed arrangements for the exercise of the right to vote and stand as a candidate in elections to the European Parliament for citizens of the Union residing in a Member State of which they are not nationals and amendment of law 2196/1994 (A' 41) and other provisions*", by Article first subparagraph C.3 of the Law 4254/2014 (Government Gazette No 85, Issue A): "*Measures for the support and development of the Greek economy, in the context of the implementation of Law 4046/2012, and other provisions of law*" and by Article 33, paragraphs 5a and 5b of the Law 4258/2014 (Government Gazette No 94, Issue A): "*Demarcation process and arrangements of matters for streams - arrangements of Urban Planning legislation and other provisions*".
- **Regulation on the Operation and Administration of the Hellenic Statistical Authority**

<p>(ELSTAT), 2012, (Government Gazette No 2390, Issue B, 28-8-2012)</p> <ul style="list-style-type: none"> <li>➤ <b>Regulation (EC) No 223/2009 of the European Parliament and of the Council</b>, on the European statistics (Official Journal of the European Union L 87/164).</li> <li>➤ <b>Article 14 of the Law 3470/2006</b> (Government Gazette No 132, Issue A): <i>“National Export Council, tax regulations and other provisions”</i>.</li> <li>➤ <b>Article 3, paragraph 1c, of the Law 3448/2006</b> (Government Gazette No 57, Issue A): <i>“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”</i>.</li> <li>➤ <b>European Statistics Code of Practice</b> 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.</li> <li>➤ <b>Presidential Decree 226/2000</b> (Government Gazette No 195, Issue A): <i>“Organization of the General Secretariat of the National Statistical Service of Greece”</i>.</li> <li>➤ <b>Articles 4, 12 , 13, 14, 15 and 16 of the Law 2392/1996</b> (Government Gazette No 60, Issue A): <i>“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”</i>.</li> <li>➤ The census is a national survey and is conducted pursuant to the provisions of the Legislative Decree No 3627/1956, the Ministerial Decisions No 12889/1960 and 15495/B389/1978 and the Presidential Decree No 1143/1980 (article 29), as well as in accordance with the Joint Decision of the President of ELSTAT and the Minister of Shipping and the Aegean.</li> </ul>	<p><b>7.2 Data sharing</b></p> <p>No.</p>
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<p><b>8. Confidentiality</b></p>	<p><a href="#">Top</a></p>
<p><b>8.1 Confidentiality policy</b></p> <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><b>8.2 Confidentiality – data treatment</b></p> <ul style="list-style-type: none"> <li>➤ 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: <ul style="list-style-type: none"> <li>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</li> <li>b) the statistical unit has given its consent, without any reservations, for the disclosure of data.</li> </ul> </li> <li>➤ The confidential data that are transmitted by ELSS agencies to ELSTAT are used exclusively for</li> </ul>	

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.

## 9. Release policy

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### 9.1 Release calendar

The release date of the survey results is included in the Press Releases Calendar

### 9.2 Release calendar access

The release calendar is available in the web site of ELSTAT:

<http://www.statistics.gr/en/calendar>

### 9.3 User access

Users have access to the survey data through the website of ELSTAT ([www.statistics.gr](http://www.statistics.gr)).

Tables with the survey results are posted on the website of ELSTAT at:

<http://www.statistics.gr/en/statistics/-/publication/SMA12/->

## 10. Frequency of dissemination

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The tabulated results of the survey are posted on the website of ELSTAT 17 months after the beginning of the survey.

## 11. Dissemination format

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### 11.1 News release

A press release every two years is compiled.

### 11.2 Publications

No statistical publications.

### 11.3 On-line database

Users can be informed about most of the census results electronically, through the following electronic address:

<http://www.statistics.gr/en/statistics/-/publication/SMA12/>

#### 11.3.1 Data tables - consultations

Total access to the website as regards the above survey for the year 2013 amounts to 187 hits.

### 11.4 Micro-data access

Microdata are made available to users after their submitting a request to the:

Division of Statistical Information and Publications

46, Peireos and Eponiton Str.,

18510 Piraeus

Tel: +30 213 135 2173

Fax: +30 213 135 2022

e-mail: [data.dissem@statistics.gr](mailto:data.dissem@statistics.gr)

For confidentiality reasons, access to microdata is granted to users only under strict conditions and by always adhering to the relevant procedure.

### 11.5 Other

No.

#### 11.5.1 Metadata – consultations

Total access to the website as regards the above survey for the year 2015 amounts to 376 hits.

## 12. Accessibility of documentation

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### 12.1 Documentation on methodology

There is not any methodological note concerning the survey.

#### 12.1.1 Metadata completeness - rate

Metadata completeness rate is 100%.

### 12.2 Quality documentation

No.

## 13. Quality management

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### 13.1 Quality assurance

Quality assurance controls mainly refer to the responsiveness of the respondents, logical and quality checks on primary data, computerized checks and the checks on the produced data.

Moreover, in order to ensure the quality of data, all the procedures that are described in the quality policy of and the circulars on the Quality Policy of ELSTAT are followed:

<http://www.statistics.gr/en/policies>

### 13.2 Quality assessment

As regards the quality of the results of the ships and crew census, during the collection and processing of data, logical checks and completeness checks are carried out and any errors are duly corrected. Afterwards the data are tabulated.

## 14. Relevance

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### 14.1 User needs

Users are mostly individual users or agencies involved with maritime transport for educational, vocational, scientific, research and other purposes (students, the Ministry of Mercantile Marine, shipping associations, the Union of Greek Ship-owners, etc.)

### 14.2 User satisfaction

Information on user' profile and user satisfaction and other relevant information are available in the Library's Newsletter, posted at the following link:

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

### 14.3 Completeness

The completeness of the survey is satisfactory.

## 15. Accuracy and reliability

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### 15.1 Overall accuracy

Overall accuracy of the survey is satisfactory and the main source of errors is non-sampling error.

### 15.2 Sampling error

No sampling errors, because the survey is a census survey.

### 15.3 Non-sampling error

Non-response errors refer to the response rate of the shipping companies.

#### 15.3.1 Coverage error

The survey is a census survey and therefore there are no coverage errors.

##### 15.3.1.1 Over-coverage – rate

No over-coverage.

##### 15.3.1.2 Common units – proportion

No common statistical processes are implemented and therefore there are no common units.

#### 15.3.2 Measurement error

There are some errors in the data reported in the collected questionnaires, which after communication with

the shipping companies, are duly corrected.

#### **15.3.3 Non response error**

In most of the cases errors are due to the inappropriate filling in of questionnaires by the administrative sources; these errors are checked and are duly corrected.

#### **15.3.4 Processing error**

After data entry, the data are checked.

#### **15.3.5 Model assumption error**

No model is implemented.

### **16. Timeliness and punctuality**

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#### **16.1 Timeliness**

The data are published on time and the statistical product is up-to-date.

#### **16.2 Punctuality**

The data are published on time and the statistical product is up-to-date.

### **17. Comparability**

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#### **17.1 Comparability – geographical**

No.

##### **17.1.1 Assymetry for mirror flows statistics – coefficient**

Not applicable.

#### **17.2 Comparability over time**

The data are checked as regards their comparability over time by the Hellenic Statistical Authority.

### **18. Coherence**

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#### **18.1 Coherence cross-domain**

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

##### **18.1.1 Coherence – sub annual and annual statistics**

The data on the Greek merchant fleet are coherent.

##### **18.1.2 Coherence – National Accounts**

No other relevant data are compiled by the National Accounts.

#### **18.2 Coherence - internal**

Internal coherence of data (between time series and between variables) is checked by ELSTAT during the final stage of data processing.

### **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 in compliance with the Revision Policy of ELSTAT.  
<http://www.statistics.gr/en/policies>

### 20.2 Revision practice

The data have not been revised recently.

## 21. Statistical processing

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### 21.1 Source data

The primary data of the ships and crews census are supplied by the ships of the Greek merchant fleet.

### 21.2 Frequency of data collection

Data are collected every two years.

### 21.3 Data collection

ELSTAT/ Division of Trade and Services Statistics/Section of Maritime Transport sends the questionnaire to the competent agencies (shipping companies and port authorities) and then it collects the required data by post.

### 21.4 Data validation

The primary data are checked mostly as regards their chronological consistency. Any errors that may occur are identified and are duly corrected by means of logical checks.

### 21.5 Data compilation

The data, after having been collected, undergo logical checks, they are processed, imported in the electronic data base, tabulated and finally they are published.

#### **21.5.1 Imputation – rate**

Not applicable, the survey is a census survey.

### 21.6 Adjustment

No adjustment.

#### **21.6.1 Seasonal adjustment**

Not applicable.

## 22. Comment

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