

# Single Integrated Metadata Structure (SIMS)

Country: Greece

Compiling agency: ELSTAT

Domain name: Marine accidents

ELSTAT metadata
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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	Georgios Argyris	
1.4 Contact person function	Transmission, collection and checks of questionnaires and data codification, compilation of data and quality checks on the results and tabulation of data to be published.	
1.5 Contact mail address	46, Pireos & Eponiton Str. 18510 - Piraeus	
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<b>1.7 Contact phone number</b>	(+30) 213135 3085
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## 2. Introduction [Top](#)

The survey on marine accidents (ships and persons) is conducted for national purposes and includes statistical data, mainly, on persons injured or drawn as well as damages and sinking of ships.

## 3. Metadata update [Top](#)

<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 [Top](#)

### 4.1 Data description

The purpose of the survey on maritime accidents (ships and persons) is to record the accidents (injuries, deaths and suicides) of persons on board and accidents of persons in the sea, mostly drawings, which took place in a port or on the coast area under the competency of the port authorities.

In addition, accidents of passenger ships and commercial ships are recorded, which took place during the journey or during the ship's entering the port or during loading or unloading of cargo and only for ships of 100 GRT and over.

The survey results include mostly data on bathers' drawings but also injuries of seafarers or passengers on commercial or passenger ships, as well as sinking, damages and fire incidents of commercial or passenger ships.

The survey is a census survey and it is conducted on a yearly basis.

The data are collected exclusively from the port authorities all over Greece. The survey is conducted pursuant to the provisions of the Permanent Circular No 1 YEN/ΔΜΠ of the Ministry of Mercantile Marine dated 16/1/1975, which was replaced by the Permanent Joint Circular dated 15/4/1998.

### 4.2 Classification system

The geographical breakdown is based on the nomenclature of territorial units for statistics, at the level of NUTS 2.

### 4.3 Sector coverage

The sectors are covered on the basis of NACE rev. 2

### 4.4 Statistical concepts and definitions

The variables of the survey are:

- a. Persons injured: sex, year of birth, place of birth, citizenship, marital status. If the injured person is a seafarer whether he is employed in the port area. If the injured person is a visitor, bather or if he was on duty, where exactly on the coast or in the port he was when the accident occurred, date of the accident, who was responsible for the accident, the cause of the accident, the direct impact of the accident, type of body injury, whether he was made redundant –in case of a seafarer, and whether the injured person was on board during the accident.
- b. Ships involved in the accident: name of the ship, GRT, registration port, ship category, whether it was loaded or in ballast, whether the accident was caused by intention or negligence, personal data of the person responsible for the accident, marine region, weather conditions, visibility, date of the accident, damage of the ship or injury/death of a person, causes of the accident.

The definitions used are the following:

- a. Ship category (cargo ship, passenger ship, fishing ship, etc.)
- b. International radio call sign
- c. Gross Registered Tonnage (GRT)

d. Registration port and registration number e. Type of cargo f. Marine region
<b>4.5 Statistical unit</b>
Ships and persons.
<b>4.6 Statistical population</b>
Persons and ships for which accidents (injuries, deaths, suicides) have been recorded. Accidents of persons in the sea, mostly drawings, which took place in a port or on the coast area under the competency of the port authorities. In addition, accidents of passenger ships and commercial ships which took place during the journey or during the ship's entering the port or during loading or unloading of cargo and only for ships of 100 GRT and over.
<b>4.7 Reference area</b>
All the ports of Greece.
<b>4.8 Time coverage</b>
From 1999 until 2015, tables with the survey results are available on the website of ELSTAT on a yearly basis.
<b>4.9 Base period</b>
Not applicable.

<b>5. Unit of measure</b> <a href="#">Top</a>
Number of ports, ships and injured persons.

<b>6. Reference period</b> <a href="#">Top</a>
One calendar year.

<b>7. Institutional mandate</b> <a href="#">Top</a>
<b>7.1 Legal acts and other agreements</b>
<p>The legal framework concerning the organization and operation of ELSTAT is as follows:</p> <ul style="list-style-type: none"> <li>➤ <b>Law 3832/2010</b> (Government Gazette No 38, Issue A): "<i>Hellenic Statistical System Establishment of the Hellenic Statistical Authority (ELSTAT) as an Independent Authority</i>", as amended by article 90 paragraphs 8 and 9 of the Law 3842/2010 (Government Gazette No 58, Issue A): "<i>Restoration of fiscal justice, confrontation of tax evasion and other provisions</i>", by article 10 of the Law 3899/2010 (Government Gazette No 212, Issue A): "<i>Urgent measures for the implementation of the assistance program of the Greek Economy</i>", by article 45 of the Law 3943/2011 (Government Gazette No 66, Issue A): "<i>Combating tax evasion, staffing of auditing services and other provisions falling within the competence of the Ministry of Finance</i>", by article 22 paragraph 1 of the Law 3965/2011 (Government Gazette No 113, Issue A): "<i>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</i>", by article first of the Law 4047/2012 (Government Gazette No 31, Issue A): "<i>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</i>", by article 323 of the Law 4072/2012 (Government Gazette No 86, Issue A): "<i>Improvement of the business environment New corporate</i></li> </ul>

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** (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".
- Permanent Circular No 1 YEN/ΔΜΠ of the Ministry of Mercantile Marine dated 16/1/1975 which was replaced by the Permanent Joint Circular dated 15/4/1998.

## 7.2 Data sharing

No.

## 8. Confidentiality

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### 8.1 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.

### 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 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

Time availability is included in the release 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

The tables of results and press releases are posted in ELSTAT's website in the following web addresses:

<http://www.statistics.gr/en/statistics/-/publication/SMA33/>

<http://www.statistics.gr/en/statistics/-/publication/SMA34/>

## 10. Frequency of dissemination

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The survey results are transmitted to the Library of ELSTAT not later than 2 months after the end of the reference year of the survey.

## 11. Dissemination format

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### 11.1 News release

Annual Press Releases is compiled.

### 11.2 Publications

No statistical publications.

### 11.3 On-line database

Users can be informed about most of the survey results electronically, through the following electronic addresses:

<http://www.statistics.gr/en/statistics/-/publication/SMA33/>

<http://www.statistics.gr/en/statistics/-/publication/SMA34/>

#### 11.3.1 Data tables – consultations

Access to the website as regards the persons injured on board of the ship and in areas of port authorities for the year 2015 amounts to 151 hits.

Access to the website as regards the marine accidents on Greek merchant ships for the year 2015 amounts to 95 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

No.

<b>12. Accessibility of documentation</b>	<a href="#">Top</a>
<b>12.1 Documentation on methodology</b>	
There is not any methodological note concerning the survey.	
<b>12.1.1 Metadata completeness - rate</b>	
Metadata completeness rate is 100%.	
<b>12.2 Quality documentation</b>	
No.	

<b>13. Quality management</b>	<a href="#">Top</a>
<b>13.1 Quality assurance</b>	
<p>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.</p> <p>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:</p> <p><a href="http://www.statistics.gr/en/policies">http://www.statistics.gr/en/policies</a></p>	
<b>13.2 Quality assessment</b>	
As regards the quality of the results of the survey on maritime accidents, 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.	

<b>14. Relevance</b>	<a href="#">Top</a>
<b>14.1 User needs</b>	
Users are mostly individual users or agencies involved with maritime transport for educational, vocational, scientific, research and other purposes.	
<b>14.2 User satisfaction</b>	
<p>Information on user' profile and user satisfaction and other relevant information are available in the Library's Newsletter, posted at the following link:</p> <p><a href="http://www.statistics.gr/en/user-satisfaction-survey">http://www.statistics.gr/en/user-satisfaction-survey</a></p>	
<b>14.3 Completeness</b>	
The completeness of the survey amounts to 100%.	

<b>15. Accuracy and reliability</b>	<a href="#">Top</a>
<b>15.1 Overall accuracy</b>	
Overall accuracy of the survey is satisfactory and the main source of errors is non-sampling error.	
<b>15.2 Sampling error</b>	
No sampling errors, because the survey is a census survey and the relevant data are collected exclusively from the Port Authorities.	
<b>15.3 Non-sampling error</b>	
<p>No coverage errors because the survey refers to Greece total.</p> <p>Non-response errors refer to the response rate of the suppliers of data to the Port Authorities. In most of the</p>	

cases, errors are due to the inappropriate filling in of questionnaires by the Port Authorities; these errors are checked and are duly corrected

### **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.

#### **15.3.1.2 Common units – proportion**

No.

### **15.3.2 Measurement error**

There are some errors in the data supplied by the port authorities, which after communication with them, are duly corrected.

### **15.3.3 Non response error**

Non-response errors are very limited. The response rate of the respondents is checked in order to ensure transmission of data.

### **15.3.4 Processing error**

After data entry, the data are checked.

### **15.3.5 Model assumption error**

No.

## **16. Timeliness and punctuality**

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### **16.1 Timeliness**

The data are published and finalized 2 months after the end of the reference month.

### **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 of the survey on maritime accidents 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 revision policy of ELSTAT is implemented.

### **21. Statistical processing**

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#### **21.1 Source data**

The primary data of the survey on maritime accidents derive from administrative sources and they are supplied by the port authorities. Census data are collected referring to the total number of ports, ships, accidents and injured persons pursuant to the Permanent Circular No 1 YEN/ΔΜΠ of the Ministry of Mercantile Marine dated 16/1/1975 which was replaced by the Permanent Joint Circular dated 15/4/1998.

#### **21.2 Frequency of data collection**

Data are collected on a monthly basis.

#### **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 (logical, quality and computational checks), mostly as regards their chronological consistency. When big differences are identified between two consecutive years, the data are further investigated. 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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