

## Single Integrated Metadata Structure (SIMS)

**Country:** Greece

**Compiling agency:** ELSTAT

**Domain name:** Survey on Accidents at Work

### ELSTAT metadata

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#### 1. Contact

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## 2. Introduction [Top](#)

### **2.1 Introduction**

The survey on Accidents at work pertains to the collection of annual data on accidents at work (fatal and non fatal). It is conducted pursuant to national Legislation (Law No. 3850/2010, «ratification of codes of law for health and safety of employees» and to Community legislation, namely Regulation (EC) 1338/2008 on Community statistics on public health and health and safety at work.

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

<b>3.1 Metadata last certified</b>	November 2015
<b>3.2 Metadata last posted</b>	November 2015
<b>3.3 Metadata last update</b>	November 2015

## 4. Statistical presentation [Top](#)

### **4.1 Data description**

Collection and presentation of data on the number of accidents occurring at work (fatal or non fatal) according to the duplicate of the Statement of Accident at Work that is submitted by the employer or the employee to the local Branches of the Social Insurance Institute (IKA).

Data that are submitted are:

1. Accidents at work, by age groups and percentage distribution.
2. Accidents at work by type of injury and percentage distribution.
3. Accidents at work by the part of the body that was injured and percentage distribution.
4. Accidents at work by branch of economic activity of the local unit of the employer and by Region (YPA) where the accident has occurred.
5. Accidents at work by occupation of the injured person and Region (YPA) where the accident occurred.

Data concerns only persons insured by the Social Insurance Institute (IKA). The lowest geographical level of data dissemination is the Department (NUTS 3).

The reference population for the Accidents at Work survey is the reference population used for the Labour Force survey.

### **4.2 Classification system**

For the data with reference year 2007, the branch of economic activity of the enterprise was classified in compliance with the national classification STAKOD 91 (which is based on the Statistical Classification of the Economic Activity NACE Rev.1). For the data from 2008 onwards, STAKOD 2008 is used (based on the Statistical Classification of the Economic Activity NACE Rev.2).

For the data with reference year 2010 the occupation of the injured person was classified in compliance with the national classification STEP 92 is (which is the corresponding classification of occupations of the International Labour Office-ISCO-88 and of the European Union -ISCO-COM 88). From 2011 onwards, ISCO-08 is used.

Employment status is classified in accordance with the International Classification ISCE.

The geographical classification is based on the nomenclature of territorial units, NUTS3.

### **4.3 Sector coverage**

The survey covers:

- all branches of economic activity of the enterprise according to **STAKOD 08** (local unit of the employer) at a 2-digit level. (The survey does not cover at a 4-digit level the following branches: 8422 Defense Activities, 8423 Justice and Judicial activities, 8424 Activities of public order and safety, 8425 Fire activities excluding only seasonal firefighters which are covered),
- all the categories of occupations of the injured person according to **ISCO 08** at a 2-digit level.

#### 4.4 Statistical concepts and definitions

“Accident at work” is defined in ESAW methodology as “a discrete occurrence in the course of work which leads to physical or mental harm”. The phrase “in the course of work” means “while engaged in an occupational activity or during the time spent at work”. Commuting accidents, that is accidents that occur during the normal journey to or from home and place of work are excluded.

On the contrary, in ELSTAT’s Survey on Accidents at work, accidents that occur during the normal journey to or from home and place of work are also included.

Data are collected for all the types of accidents at work (fatal and non fatal).

The basic variables are:

- the age of the injured person, gender, occupation and citizenship
- the economic activity of the employer
- the type of injury, the part of the body that was injured, the site where the accident happened, the date of the accident, the time of the accident, the days of absence from work, the size of the enterprise, the status of employment, the nature of accident, the material agent that lead to the accident.

Definitions of the basic variables:

- «age» is the victim’s age at the time of the accident
- «economic activity of the employer» covers the main «economic» activity of the local unit of the enterprise where the victim was working
- «type of injury» is the physical effects on the victim
- «geographical location» is the territorial unit where the accident occurred
- «size of the enterprise» is the number of employees working at the local unit of the enterprise where the victim was working
- «employment status » of the victim, for example, employee, self-employed, apprentice etc.
- «nature of the accident» is the act that led to the injury.
- «material agent that lead to accident» eg. machinery, ways of transport, material, etc.

#### 4.5 Statistical unit

A unique number for every case, which defines every entry and ensures that every entry represents a specific incidence of accident at work, in order to avoid double counting.

#### 4.6 Statistical population

Data refer to the persons who are insured by IKA and had an accident at work.

#### 4.7 Reference area

The survey covers Greece total. Data are available at the level of the Department (NUTS 3).

#### 4.8 Time coverage

For the years 1998 – 2013 data are available on ELSTAT’s website on an annual basis.

#### 4.9 Base period

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### 5. Unit of measure

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The number of accidents at work, percentage distribution of accidents at work.

### 6. Reference period

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The reference period is the year during which the accident occurred.

## 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 (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".*

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

The survey of Accidents at Work is governed by the Regulation (EC) No 1338/2008 of the European Parliament and Council regarding Social Statistics at the fields of public health, health and insurance at work and to its Implementing Regulation No.349/2011.

## **7.2 Data sharing**

Transmission of data is mandatory by Eurostat for all Member-States. Regulation No 1338/08. Implementing regulation 349/2011.

## **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 specifically:

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.

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### **8.2 Confidentiality – data treatment**

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.

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

There is no specified date for the release of data.

### 9.2 Release calendar access

There is no release calendar.

### 9.3 User access

According to the legal framework of the Community and the «European Code of Good Practice», ELSTAT with respect to professional independency and through an objective, professional and transparent way in which all users are treated equally without permitting any access of any form on data by users prior to their announcement, provides to all users the following:

- Publishes the main tables with data on its website [www.statistics.gr](http://www.statistics.gr).
- Above all published tabulated data, ELSTAT also provides data to users via ELSTAT's library.



## 10. Frequency of dissemination

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The frequency of dissemination of the data related to the survey on Accidents at Work is annual.

## 11. Dissemination format

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### 11.1 News release

No.

### 11.2 Publications

Tables containing the results of the survey are published on ELSTAT's website.

### 11.3 Data tables - consultations

Total access to the website as regards the above survey for the year 2013 amounts to 1.227 hits.

### 11.4 Micro-data access

Micro data are available to users upon request at:  
Division of Statistical Information and Publications  
46, Peireos & Eponiton str., 185 10 Piraeus  
Tel. (+30) 213-1352173, FAX: (+30) 213-1352022  
e-mail : [data.dissem@statistics.gr](mailto:data.dissem@statistics.gr)

### 11.5 Other

User can be informed on the data of the survey via ELSTAT's website, at:

<http://www.statistics.gr/statistics/-/publication/SHE03/->  
<http://dlib.statistics.gr/portal/page/portal/ESYE/>.

#### 11.5.1 Metadata - consultations

Not calculated. Last available data were validated in November 2015.

## 12. Accessibility of documentation

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### 12.1 Documentation on methodology

The methodology compiled for the survey on Accidents at Work is defined by ELSTAT taking into consideration international practices and guidelines, recommendations and standards of Eurostat. The methodological manual of Eurostat is the «European statistics on accidents at work (ESAW) methodology», which is available at the following link:

<http://bookshop.europa.eu/en/european-statistics-on-accidents-at-work-esaw--pbKSRA12102/>

#### 12.1.1 Metadata completeness - rate

The metadata completeness rate is 100%.

### 12.2 Quality documentation

No quality report is compiled.

## 13. Quality management

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### 13.1 Quality assurance

The quality of the survey is assured given that for the collection of data the duplicate of the «Statement of Accident at Work» is used that the employers or the employees submit to the local Branches of the Social Insurance Institute (IKA) and it is mandatory for the reimbursement of the victim.

Moreover, the quality of the survey is further ensured by the following procedures of statistical processing of data: once collected in hardcopies, primary data (for data with reference year 2011 onwards data are collected in electronic format), are logically checked and codified in accordance with the Statistical

Classifications. During computer processing, standards and checks are carried out in order to identify and duly correct any errors. After the completion of the aforementioned actions, data are tabulated and checked in order to ensure comparability of time series.

### 13.2 Quality assessment

The survey on Accidents at Work is considered reliable. The concepts and definitions of the variables along with the methodology used are compliant with European and international standards and guidelines. Data are processed in order to ensure comparability of data in the time series.

## 14. Relevance

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### 14.1 User needs

Main user of the survey is the Social Insurance Institute (IKA). Moreover, data is transmitted to the Ministry of Labour and Eurostat. Other users are individual users or agencies involved in the health and insurance sectors for professional or educational – research reasons.

### 14.2 User satisfaction

Data related to the profile of users, the level of their satisfaction along with other relative information are available in ELSTAT's Library Newsletter, at the following link:

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

### 14.3 Completeness

The completeness of the Accidents at Work survey is considered satisfactory on the basis of users' and EUROSTAT's needs that are defined by the aforementioned methodology.

## 15. Accuracy and reliability

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### 15.1 Overall accuracy

The overall accuracy of the survey on Accidents at Work is considered satisfactory since the survey is a census survey.

### 15.2 Sampling error

The Accidents at Work survey is a census survey, therefore there are no sampling errors.

### 15.3 Non-sampling error

Non-sampling errors refer to errors on account of unclear answers to the questionnaire, which by means of logical checks are identified and duly corrected. The survey covers the whole range of accidents at work since in order for the victim to get the reimbursement he is obliged to submit the Statement of the Accident at work.

#### 15.3.1 Coverage error

The survey is a census survey. There is no coverage error.

##### 15.3.1.1 Over-coverage rate

No.

##### 15.3.1.2 Common Units - proportion

Not applicable, data are collected only from administrative sources.

#### 15.3.2 Measurement error

Any erroneous data concerning the value of some variables are corrected after contact with the administrative source (IKA).

#### 15.3.3 Non response error

Non-response rate is 100%.

#### 15.3.4 Processing error

Checks are carried out during the coding of the electronic files and any errors in the entered data are duly corrected.

#### 15.3.5 Model assumption error



Not applicable.

## 16. Timeliness and punctuality

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### 16.1 Timeliness

The time lag between the reference period of data and the date of their release is 18 months.

### 16.2 Punctuality

Data is produced and disseminated on the predefined date.

## 17. Comparability

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### 17.1 Comparability – geographical

Common definitions of variables and common methods for the production of data are used in all the geographical regions of Greece and also in all EU Member States,

#### 17.1.1 Asymmetry for mirror flows statistics - coefficient

Not applicable.

### 17.2 Comparability – over time

From 1998 until 2007 data were comparable due to the use of common definitions of variables and data production methods. There was no issue of comparability over-time.

From 2008 onwards, data is not fully comparable as regards economic activity, since the new Statistical Classification of Economic Activities NACE-2 is used.

Moreover, data for the year 2011 onwards is not comparable as regards occupation, since the new Statistical Classification of Occupations ISCO-08 is used.

## 18. Coherence

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### 18.1 Coherence cross-domain

There is cross-domain coherence with data that are published by IKA but ELSTAT does not include accidents at work that, even if they have occurred during the reference year, have not yet been characterised by IKA as accidents at work.

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

Not applicable, the survey is annual.

#### 18.1.2 Coherence – National Accounts

Not applicable, there are no common data with National Accounts surveys.

### 18.2 Coherence - internal

The tables produced by the survey on Accidents at Work are internally coherent.

## 19. Cost and burden

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Not evaluated.

## 20. Data revision

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### 20.1 Revision policy

The data related to the Accidents at work survey have not been revised.

The Hellenic Statistical Authority (ELSTAT) has adopted the present revision policy:

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

### 20.2 Revision practice

No revision of the data of the survey on Accidents at work.

## 21. Statistical processing

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### 21.1 Source data

Primary data of the Accidents at work survey refer to the duplicate of the Statement of Accident at Work that is submitted by the employees or the employers to the local Branches of the Social Insurance Institute (IKA). The aforementioned Administrative Sources provide ELSTAT with primary data of the survey in hardcopies and in electronic format from 2011 onwards.

### 21.2 Frequency of data collection

Annual.

### 21.3 Data collection

Personal data are collected. For data collection, the duplicate of the Statement of Accident at Work is used that is submitted by the employees or the employers to the local Branches of the Social Insurance Institute (IKA). The Statement is mandatory in order for the reimbursement of the victim.

The above Administrative Sources provide the Regional Statistical Offices of ELSTAT' with primary data of the survey in hardcopies, which are then transmitted to ELSTAT's central offices. For data with reference year 2011 onwards, data can also be transmitted electronically but only to ELSTATs central offices.

### 21.4 Data validation

Data are validated through logical checks related to the comparability of data over time. Checks also encompass comparisons with previous years in order to identify and duly correct any errors.

### 21.5 Data compilation

Compilation of tables with data on Accidents at Work by branch of economic activity of the local unit of the employer, by occupation and by

- type of injury
- age groups and gender
- part of the body injured
- geographical location where the accident occurred
- time and month when the accident occurred
- number of employees working in the local unit where the accident happened
- employment status of the victim
- means of transportation that was used to carry the victim
- characterization of the accident as road accident or not
- nature of the accident
- material agent that led to the accident

Corresponding tables are also compiled for fatal accidents.

#### 21.5.1 Imputation - rate

Not applicable, the survey is a census survey.

### 21.6 Adjustment

No.

#### 21.6.1 Seasonal adjustment

Not applicable.

## 22. Comment

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