

## Single Integrated Metadata Structure (SIMS)

**Country:** Greece

**Compiling agency:** ELSTAT

**Domain name:** Physiotherapists

### ELSTAT metadata

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#### 1. Contact

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| 1.1 Contact organisation      | Hellenic Statistical Authority (ELSTAT)   |
| 1.2 Contact organisation unit | Division of Social Statistics, Department of Health Statistics and Social Security and Protection, code 010104Γ6                                      |
| 1.3 Contact name              | Alexandra Zografou  |
| 1.4 Contact person function   | Dispatch and collection of data from the Pan Hellenic Association of Physiotherapists and compilation of the published table with the survey results. |
| 1.5 Contact mail address      | 46, Peireos & Eponiton str., 185 10 Piraeus   |
| 1.6 Contact email address     | <a href="mailto:a.zografou@statistics.gr">a.zografou@statistics.gr</a>  |

|                                 |                 |
|---------------------------------|-----------------|
|                                 |                 |
| <b>1.7 Contact phone number</b> | +30 2131352785  |
| <b>1.8 Contact fax number</b>   | +30 213 1352763 |

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| <b>2. Introduction</b> <a href="#">Top</a> |   |
| <b>2.1 Introduction</b>                    | The purpose of the survey is to measure all the physiotherapists that have professional license to practice in Greece.. |

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| <b>3. Metadata update</b> <a href="#">Top</a> |              |
| <b>3.1 Metadata last certified</b>            | October 2014 |
| <b>3.2 Metadata last posted</b>               | October 2014 |
| <b>3.3 Metadata last update</b>               | October 2014 |

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| <b>4. Statistical presentation</b> <a href="#">Top</a>  |  |
| <b>4.1 Data description</b>   |  |
| The Physiotherapists survey is an annual census survey and its purpose is to record all the physiotherapists that have professional license to practice in Greece until 31, December of the reference year.   |  |
| <b>4.2 Classification system</b>  |  |
| Until 2010, occupation was classified in accordance with STEP-92, which is the Hellenic edition of the International Classification of Occupation, ISCO-88. From 2011 onwards, ISCO-08 is used. The geographical classification is based on the classification of territorial units by NUTS 2 and NUTS 3.   |  |
| <b>4.3 Sector coverage</b>  |  |
| Coverage of ISCO-08, code: 2264 (Physiotherapists).   |  |
| <b>4.4 Statistical concepts and definitions</b>   |  |
| The definition of Physiotherapist according to the World Confederation of Physical Therapy ( <a href="http://www.wcpt.org">www.wcpt.org</a> ), is:  |  |
| <p>The scientist that applies a wide range of physical treatments and techniques like exercises, ultrasounds, heat, laser and other techniques to individuals and to populations aiming at the development, maintenance and rehabilitation of movement and functionality in order to improve the quality of life of the patients. Specifically, physiotherapeutic services intervene when injuries or wounding, diseases or disorders, age reasons or environmental reasons threaten mobility and functional capacity. The physiotherapist basically intervenes in order to control pain, as a factor of movement limitation. Basic prerequisite for a person in order to be healthy is to be a functionally independent person (World Health Organisation).</p> <p>As regards physiotherapists on whom the survey is conducted, they are individuals who are licensed to practice, meaning registered in registers that relate to those who are either licensed to practice or are practicing the relevant occupation. Greek physiotherapists are graduates of TEI and KATEE or are graduates of equal level foreign schools according to current legislation, the directives of World Confederation of Physical Therapy (WCPT) and the European Region of WCPT. In order to obtain the license to practice, physiotherapists are obliged to be registered to the P.S.F, which has 27 regional divisions around Greece. The other two categories include the physiotherapists that are professionally practicing and are in contact with the patient (practising) and the professionally active, meaning those who are belong to the first category plus those who are employed in different sectors such as research, education, etc. The three aforementioned definitions have been adopted in the Joint Questionnaire of the three organizations (OECD, Eurostat, WHO), and are valid for all health professionals (medical doctors, dentists, nurses, pharmacists and physiotherapists).</p> |  |
| <b>4.5 Statistical unit</b>   |  |
| The statistical unit is the health professional who is licensed to practice as a «Physiotherapist».   |  |

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| <b>4.6 Statistical population</b>   |
| All physiotherapists that are registered with the Pan Hellenic Association of Physiotherapists (P.S.F). |
| <b>4.7 Reference area</b>   |
| The reference area of the survey is Greece total. The produced data refers to the Region (NUTS 2).      |
| <b>4.8 Time coverage</b>  |
| It is an annual survey with first reference year the year 2008.   |
| <b>4.9 Base period</b>  |
| Not applicable.   |

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| <b>5. Unit of measure</b>  | <a href="#">Top</a> |
| The unit of measure is the physiotherapist who is licensed to practice as a «PHYSIOTHERAPIST». |                     |

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| <b>6. Reference period</b>  | <a href="#">Top</a> |
| The 31 <sup>st</sup> of December, of each reference year of the survey. |                     |

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”.*

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

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”.*

## **7.2 Data sharing**

Joint Questionnaire (EUROSTAT, OECD, WHO) on Non Economical Health Care Statistics.

## **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

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

ELSTAT protects and does not disseminate data it has obtained or it has access to, which enable the direct or indirect identification of the statistical units that have provided them by the disclosure of individual information directly received for statistical purposes or indirectly supplied from administrative or other sources. ELSTAT takes all appropriate preventive measures so as to render impossible the identification of individual statistical units by technical or other means that might reasonably be used by a third party. Statistical data that could potentially enable the identification of the statistical unit are disseminated by ELSTAT if and only if:

a) these data have been treated, as it is specifically set out in the Regulation on Statistical Obligations of the agencies of the Hellenic Statistical System (ELSS), in such a way that their dissemination does not prejudice statistical confidentiality or

b) the statistical unit has given its consent, without any reservations, for the disclosure of data.

The confidential data that are transmitted by ELSS agencies to ELSTAT are used exclusively for statistical purposes and the only persons who have the right to have access to these data are the personnel engaged in this task and appointed by an act of the President of ELSTAT.

ELSTAT may grant researchers conducting statistical analyses for scientific purposes access to data that enable the indirect identification of the statistical units concerned. The access is granted provided the following conditions are satisfied:

a) an appropriate request together with a detailed research proposal in conformity with current scientific standards have been submitted;

b) the research proposal indicates in sufficient detail the set of data to be accessed, the methods of analyzing them, and the time needed for the research;

c) a contract specifying the conditions for access, the obligations of the researchers, the measures for respecting the confidentiality of statistical data and the sanctions in case of breach of these obligations has been signed by the individual researcher, by his/her institution, or by the organization commissioning the research, as the case may be, and by ELSTAT.

Issues referring to the observance of statistical confidentiality are examined by the Statistical Confidentiality Committee (SCC) operating in ELSTAT. The responsibilities of this Committee are to make recommendations to the President of ELSTAT on:

the level of detail at which statistical data can be disseminated, so as the identification, either directly or indirectly, of the surveyed statistical unit is not possible;

the anonymization criteria for the microdata provided to users;

the granting to researchers access to confidential data for scientific purposes.

The staff of ELSTAT, under any employment status, as well as the temporary survey workers who are employed for the collection of statistical data in statistical surveys conducted by ELSTAT, who acquire access by any means to confidential data, are bound by the principle of confidentiality and must use these data exclusively for the statistical purposes of ELSTAT. After the termination of their term of office, they are not allowed to use these data for any purpose.

Violation of data confidentiality and/or statistical confidentiality by any civil servant or employee of ELSTAT constitutes the disciplinary offence of violation of duty and may be punished with the penalty of final dismissal.

ELSTAT, by its decision, may impose a penalty amounting from ten thousand (10,000) up to two hundred thousand (200,000) euros to anyone who violates the confidentiality of data and/or statistical confidentiality. The penalty is always imposed after the hearing of the defence of the person liable for the breach, depending on the gravity and the repercussions of the violation. Any relapse constitutes an aggravating factor for the assessment of the administrative sanction.

## 9. Release policy

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### 9.1 Release calendar

There is no defined date for the release of data. Final data are to be published at about 9-10 months after the end of the reference year.

### 9.2 Release calendar access

There is no release calendar.

### 9.3 User access

According to the legal framework of the European Community, ELSTAT publishes statistical data of the Physiotherapists Survey on its website at: (<http://www.statistics.gr>) at «Statistics – Population and Social Conditions – Health Care». The equal access of all users to data is governed by the provisions of 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. Data are not made available to users before their publication.

## 10. Frequency of dissemination

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Annual. Final data are published approximately 10 months after the end of the reference year.

## 11. Dissemination format

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### 11.1 News release

No Press Release is compiled.

### 11.2 Publications

The results of the Physiotherapists Survey are published in the Statistical Yearbooks of ELSTAT.

1. «Statistical Yearbook of Greece». It is provided to subscribers for a fee or after an application to the Hellenic Statistical Authority.
2. «Concise Statistical Yearbook of Greece». It is provided to subscribers for a fee or after an application to the Hellenic Statistical Authority.

All above mentioned data are available 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)

Moreover, apart from ELSTAT's website (<http://www.statistics.gr/en/statistics/-/publication/SHE21/->) and data are also available by international organizations such as Eurostat

([http://epp.eurostat.ec.europa.eu/statistics\\_explained/index.php/Healthcare\\_statistics](http://epp.eurostat.ec.europa.eu/statistics_explained/index.php/Healthcare_statistics)), at the OECD

([http://stats.oecd.org/index.aspx?DataSetCode=HEALTH\\_STAT](http://stats.oecd.org/index.aspx?DataSetCode=HEALTH_STAT)) and at the Health At a Glance

(<http://www.oecd.org/health/health-systems/49105858.pdf>)

### 11.3 On-line database

No.

#### 11.3.1 Data tables - consultations

Total access on the website of the relevant survey for the year 2013, is 133 (total hits).

### 11.4 Micro-data access

Micro data access are available 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)

Due to confidentiality reasons, access to micro data is allowed only under strict circumstances and always in accordance with the relevant process.

### 11.5 Other

Other sources of data dissemination are the international organizations, such as Eurostat:

<http://dlib.statistics.gr/portal/page/portal/ESYE>

<http://ec.europa.eu/eurostat/data/database>

<http://www.statistics.gr/en/statistics/-/publication/SHE21/->

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| <b>11.5.1 Metadata - consultations</b>  |                     |
| Not counted, the last metadata were validated in October 2014.  |                     |
| <b>12. Accessibility of documentation</b>   | <a href="#">Top</a> |
| <b>12.1 Documentation on methodology</b>  |                     |
| The survey satisfies the need to compile the Joint Questionnaire. The methodological notes are compiled by the International Organizations (EUROSTAT, OECD, WHO), such as the «Guidelines for completing the OECD/Eurostat/Who-Europe Questionnaire 2011».  |                     |
| <b>12.1.1 Metadata completeness - rate</b>  |                     |
| The metadata completeness rate is 100%.   |                     |
| <b>12.2 Quality documentation</b>   |                     |
| No quality report is compiled.  |                     |
| <b>13. Quality management</b>   | <a href="#">Top</a> |
| <b>13.1 Quality assurance</b>   |                     |
| Quality is assured since the administrative source (the Legal Entity of Public Law) is supervised by the Ministry of Health. Moreover, quality is also assured by means of logical checks and checks on the comparability of data over time.  |                     |
| <b>13.2 Quality assessment</b>  |                     |
| From 2008 onwards, physiotherapists are obliged to obtain a licence to practice and to be registered at the Association of their Department. A share of old professionals is not included in the collected data. The competent Legal Entity of Public Law is making an effort to either include or estimate the relevant share in the collected data. |                     |
| <b>14. Relevance</b>  | <a href="#">Top</a> |
| <b>14.1 User needs</b>  |                     |
| Users are either individual users or agencies that are involved in the health sector for educational, professional and research reasons.  |                     |
| <b>14.2 User satisfaction</b>   |                     |
| Data related to the profile of users, to the level of satisfaction and other relative information are available on ELSTAT's website at:<br><a href="http://www.statistics.gr/user-satisfaction-survey">http://www.statistics.gr/user-satisfaction-survey</a>  |                     |
| <b>14.3 Completeness</b>  |                     |
| Completeness is considered satisfactory.  |                     |
| <b>15. Accuracy and reliability</b>   | <a href="#">Top</a> |
| <b>15.1 Overall accuracy</b>  |                     |
| Accuracy is considered high since from 2008 onwards, when the Pan Hellenic Association Physiotherapists (P.S.F) was established, the survey is a census survey.   |                     |
| <b>15.2 Sampling error</b>  |                     |
| The survey is a census survey and therefore there are no sampling errors.   |                     |
| <b>15.3 Non-sampling error</b>  |                     |
| Short delays on account of late response during data collection.  |                     |
| <b>15.3.1 Coverage error</b>  |                     |
| The survey is a census survey and therefore there are no coverage errors.   |                     |
| <b>15.3.1.1 Over-coverage rate</b>  |                     |



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| No.  |
| <b>15.3.1.2 Common Units – proportion</b>                          |
| Not applicable, data are collected only by administrative sources. |
| <b>15.3.2 Measurement error</b>                                    |
| Not.   |
| <b>15.3.3 Non response error</b>                                   |
| No, response rate is 100%.   |
| <b>15.3.4 Processing error</b>                                     |
| No.  |
| <b>15.3.5 Model assumption error</b>                               |
| Not applicable.  |

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| <b>16. Timeliness and punctuality</b> <a href="#">Top</a>                                |
| <b>16.1 Timeliness</b>   |
| The final data are published approximately 300 days after the end of the reference year. |
| <b>16.2 Punctuality</b>  |
| Data are published on time and the statistical product is updated.                       |

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| <b>17. Comparability</b> <a href="#">Top</a>   |
| <b>17.1 Comparability – geographical</b>   |
| Data are comparable at the level of the Region given that the methodology used is the same throughout Greece. Moreover, data are comparable with corresponding data of other countries in the framework of the OECD/EUROSTAT/WHO-EUROPE Joint Questionnaire. |
| <b>17.1.1 Asymmetry for mirror flows statistics - coefficient</b>  |
| Not applicable.  |
| <b>17.2 Comparability – over time</b>  |
| Data are comparable over time since because the survey was conducted in line with the definition of the World Confederation of Physical Therapy, which is in compliance with the International Classification of Profession used by EUROSTAT.                |

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| <b>18. Coherence</b> <a href="#">Top</a>  |
| <b>18.1 Coherence cross-domain</b>  |
| There are no other statistical data relevant to the Physiotherapist's survey.   |
| <b>18.1.1 Coherence – sub annual and annual statistics</b>  |
| Not applicable, the survey is annual.   |
| <b>18.1.2 Coherence – National Accounts</b>   |
| Not applicable, there are no common data with the surveys of the National Accounts.                                   |
| <b>18.2 Coherence - internal</b>  |
| The definitions and the classifications that are used have not changed; therefore there is no issue of comparability. |

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| <b>19. Cost and burden</b> <a href="#">Top</a> |
| Not calculated.                                |



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| <b>20. Data revision</b>  | <a href="#">Top</a> |
| <b>20.1 Revision policy</b>   |                     |
| The data of the survey on Physiotherapists are only revised by the administrative source from which they derive. The survey follows the circular of the Revision Policy of ELSTAT:<br><a href="http://www.statistics.gr/en/policies">http://www.statistics.gr/en/policies</a>   |                     |
| <b>20.2 Revision practice</b>   |                     |
| The revision policy of ELSTAT is implemented.   |                     |
| <b>21. Statistical processing</b>   | <a href="#">Top</a> |
| <b>21.1 Source data</b>   |                     |
| Primary data comes from the Pan Hellenic Association of Physiotherapists (P.S.F).   |                     |
| <b>21.2 Frequency of data collection</b>  |                     |
| The frequency of data collection is annual.   |                     |
| <b>21.3 Data collection</b>   |                     |
| Data are collected through e-mail. The data are requested through an electronic file that is sent and is completed by the regional associations of the Pan Hellenic Association of Physiotherapists (P.S.F).  |                     |
| <b>21.4 Data validation</b>   |                     |
| Data are check in terms of their comparability over time and are considered for large variations from one year to another. There are no alterations or corrections unless requested by the Pan Hellenic Association of Physiotherapists (P.S.F). Data are transmitted to EUROSTAT through the OECD / Eurostat/ Who-Europe Joint Questionnaire on Non Economical Sanitary Care Statistics. |                     |
| <b>21.5 Data compilation</b>  |                     |
| Data that are aggregated by Region and the total number of Physiotherapists that are registered at the Pan Hellenic Association of Physiotherapists (P.S.F) are compiled in tables. Final data are published on ELSTAT's website.   |                     |
| <b>21.5.1 Imputation - rate</b>   |                     |
| Not applicable, the data refers to census.  |                     |
| <b>21.6 Adjustment</b>  |                     |
| There is no adjustment.   |                     |
| <b>21.6.1 Seasonal adjustment</b>   |                     |
| Not applicable.   |                     |
| <b>22. Comment</b>  | <a href="#">Top</a> |
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