

Metadata in Euro-SDMX format (ESMS)

Country: Greece

Compiling agency: ELSTAT

Domain name: SURVEY ON ROAD ACCIDENTS

ELSTAT metadata

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1. Contact		Top
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2. Metadata update Top	
2.1 Metadata last certified	October 2012
2.2 Metadata last posted	October 2012
2.3 Metadata last update	October 2012

3. Statistical presentation Top	
3.1 Data description	
<p>The survey on road accidents is conducted on a monthly basis and it records, for each Department (NUTS 3) of Greece and for each month separately, the number of accidents by fatal and/or non-fatal accident, as well as the number of persons injured by categories (drivers, passengers, pedestrians). On a yearly basis, road accidents are further analyzed.</p>	
3.2 Classification system	
<p>The place where the accident took place is classified in accordance with the Register of Settlements of the 2001 Population Census broken, down by 8-digit geographical codes.</p> <p>The type of road where the accident took place is classified as: “New National Highway”, “National Highway”, “Rural or Municipal Road”, in accordance with a specific classification used for the Survey on Road Accidents.</p> <p>Citizenship of drivers and persons injured are classified in accordance with Regulation (EC) No 3079/1994.</p>	
3.3 Sector coverage	
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3.4 Statistical concepts and definitions	
<ol style="list-style-type: none"> 1) Road accident (injury accident): any accident involving at least one road motor vehicle in motion on a public road or square to which the public has access (excluding yards, industrial sites or vehicle depot of public transport enterprises), resulting in at least one injured or killed person. 2) Person killed: any person killed immediately or dying within 30 days as a result of an injury accident. 3) Person injured: any person who sustained an injury as result of an injury accident, and who normally needs medical treatment. 4) Seriously injured: any person who sustained an injury as result of an injury accident, such as brain damages, mutilation, multiple injuries, which may result in lack of awareness or which are life-threatening. 5) Slightly injured: any person injured who sustained minor and not life-threatening injuries. 6) Vehicle: for the purposes of road accidents statistics, vehicles include motor vehicles, trolleybuses, motorcycles, bicycles, motorbikes, agricultural and road making machines, animal and hand-drawn vehicles. Railway vehicles are excluded, unless the road accident involves one of the aforementioned types of vehicles and therefore, railway vehicles are considered vehicles 	
3.5 Statistical unit	
Number of road accidents and number of injured persons.	
3.6 Statistical population	
All the road accidents and the total number of injured persons by category (drivers, passengers, pedestrians).	
3.7 Reference area	
All the Departments (NUTS 3) of Greece are covered.	
3.8 Time coverage	
The survey on road accidents has been producing results since 1962.	
3.9 Base period	
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4. Unit of measure Top
<ol style="list-style-type: none"> 1. Number of road accidents by fatal and/or non-fatal accident 2. Number of injured persons by category (drivers, passengers, pedestrians)
5. Reference period Top
<p>The survey on road accidents is conducted on a monthly basis. On a yearly basis, accidents are further analyzed.</p>
6. Institutional mandate Top
6.1 Legal acts and other agreements
<p>The legal framework concerning the organization and operation of ELSTAT is as follows:</p> <ul style="list-style-type: none"> • Law 3832/2010 (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> and by article 51 of the Law 4021/2011 (Government Gazette No 218, Issue A): <i>"Enhanced measures for the supervision and restructuring of Credit Institutions – Regulation of issues of financial nature – Ratification of the European Financial Stability Facility (EFSF) Framework-Agreement and its amendments and other provisions."</i> • 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): <i>"National Export Council, tax regulations and other provisions"</i>. • Article 3, paragraph 1c, of the Law 3448/2006 (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>. • 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): <i>"Organization of the General Secretariat of the National Statistical Service of Greece"</i>. • Articles 4, 8, 9, 10, 12, 13, 14, 15 and 16 of the Law 2392/1996 (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>. <p>Moreover, the Survey on Road Accidents is conducted pursuant to Decision No 704/1993 of the Council of the European Union.</p>
6.2 Data sharing
<p>None</p>

7. Confidentiality Top
7.1 Confidentiality policy
<p>The issues concerning the observance of statistical confidentiality by the Hellenic Statistical Authority (ELSTAT) are arranged by articles 6, 7 and 8 of the Law 3832/2010, as amended by article 90 paragraph 8 of Law 3842/2010 and by article 10 of Law 3899/2010, as well as by article 8 of Law 2392/1996, which was brought back into force, in accordance with article 90 paragraph 8 of Law 3842/2010.</p> <p>Furthermore, 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>
7.2 Confidentiality – data treatment
<ul style="list-style-type: none"> – 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"> 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. – The Statistical Confidentiality Committee (SCC) operating in ELSTAT, examines issues referring to the observance of statistical confidentiality. Within its competence is to recommend on: <ul style="list-style-type: none"> • 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.
8. Release policy Top
8.1 Release calendar
<p>In September of each year, ELSTAT publishes its 12-month release calendar, which outlines the release dates (Press Releases) for all statistics that are planned for next year.</p>
8.2 Release calendar access
<p>The release calendar is disseminated to the media and it is available to users for free. The release calendar is also posted on the webpage of ELSTAT (www.statistics.gr) under: "Release Calendar".</p>
8.3 User access
<p>The data are released simultaneously to all users through the relevant Press Release entitled "Road Traffic Accidents" which is posted on the webpage of ELSTAT (http://www.statistics.gr) on the predefined date.</p> <p>Moreover, all users have equal access to the annual tables which are posted on the webpage of ELSTAT, http://www.statistics.gr, at the link "Statistical Themes > Health > Social Protection > Road Accidents".</p> <p>Equal access of all users to data is governed by the European Statistics Code of Practice by respecting scientific independence and in an objective, professional and transparent manner in which all users are treated equitably.</p>

9. Frequency of dissemination Top
<p>The provisional results of the survey are published 2 months after the end of the reference month and the final results are released 9 months after the end of the reference year.</p>
10. Dissemination format Top
10.1 News release
<p>The relevant Press Release is posted on the portal of ELSTAT the last working day of every month.</p>
10.2 Publications
<p>A. The “Statistical Yearbook of Greece” is available for a fee to subscribers and upon request to the Hellenic Statistical Authority. Final annual results are published pertaining to the following:</p> <ol style="list-style-type: none"> Road accidents Persons injured in road accidents Persons injured in road accidents by age groups Persons injured in road accidents by categories of injured persons (drivers, passengers, pedestrians) <p>B. The “Concise Yearbook of Greece” is available for a fee to subscribers and upon request to the Hellenic Statistical Authority. Final annual results are published pertaining to the following:</p> <ol style="list-style-type: none"> Road accidents and persons injured Road accidents and persons injured by month Road accidents and persons injured by day of the week Persons injured by categories of injured persons (drivers, passengers, pedestrians) and age groups <p>C. The “Monthly Statistical Bulletin” is available for a fee to subscribers and upon request to the Hellenic Statistical Authority. Final monthly results are published pertaining to road traffic accident and to injured persons.</p> <p>All the above publications are available at: Statistical Information and Publications Division 46, Pireos & Eponiton str, P.O. BOX 80847, Postal Code 18510 Piraeus Tel. (+30) 213-1352173, FAX: (+30) 213-1352022 - e-mail: data.dissem@statistics.gr</p>
10.3 On-line database
<p>The on-line database is available on the website of the Hellenic Statistical Authority: http://www.statistics.gr/portal/page/portal/ESYE/PAGE-database</p>
10.4 Micro-data access
<p>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 2023/ 2022/ 2346/ 2308 Fax: +30 213 135 2819/2312 e-mail: data.dissem@statistics.gr Confidentiality of data is always ensured (see chapter 7).</p>

10.5 Other
<p>A number of tabulated data are available to all users on the portal of ELSTAT at the following link: http://dlib.statistics.gr/portal/page/portal/ESYE/</p> <p>Furthermore, more tabulated data are made 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 2023/ 2022/ 2346/ 2308 Fax: +30 213 135 2819/2312 e-mail: data.dissem@statistics.gr Confidentiality of data is always ensured (see chapter 7).</p>

11. Accessibility of documentation	Top
11.1 Documentation on methodology	
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11.2 Quality documentation	
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12. Quality management	Top
12.1 Quality assurance	
<p>Quality controls and validation of data are carried out during the whole process of the compilation of statistics, from the data collection stage to the final compilation of the tables and more specifically:</p> <ul style="list-style-type: none"> • During the stage of data collection, the number of incoming questionnaires by month is cross-checked with the number of accidents resulting from the monthly reports for the compilation of the press release. • During the stage of checking/processing of the questionnaires, the number of accidents is cross-checked with the number of accidents in the press release. • During the stage of the compilation of the tables, the final monthly results and the annual results are cross-checked with the monthly results of the press releases and with the final annual results of the previous year. 	
12.2 Quality assessment	
<p>After all the above checks, cross-checks and comparisons taking place in every stage, the correction of any errors and the necessary adjustments, the produced results are considered high quality results.</p>	

13. Relevance	Top
13.1 User needs	
<p>The main users of the survey data are, inter alia, the following: the Ministry of Citizen's Protection, the Ministry of Infrastructure, Transport and Networks, the University of Thessaloniki, the National Technical University, the National School of Public Health, the Transport Institute, the Technical Chamber of Greece, students researchers, construction enterprises, Eurostat, the UN, OECD, etc.</p>	
13.2 User satisfaction	
<p>Users' needs are monitored on a regular basis by the Section of Justice and Public Order Statistics with the aim of satisfying users' needs. Generally, there is a good cooperation and immediate response to users' needs.</p>	

At the same time, the Section of Dissemination of Statistical Information conducts a user satisfaction survey every six months.

http://www.statistics.gr/portal/page/portal/ESYE/BUCKET/General/library_news_letter.pdf

13.3 Completeness

On the basis of users' needs, completeness is considered satisfactory.

14. Accuracy and reliability

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14.1 Overall accuracy

Since the survey is a census survey, any non-sampling errors (non-response or processing errors) are identified by means of appropriate checking and are duly corrected, in cooperation with the administrative data sources, thus producing high accuracy results.

14.2 Sampling error

No sampling errors, because the survey is a census survey and data are collected from administrative data sources.

14.3 Non-sampling error

Non-response errors are due to non-transmission of questionnaires and in these cases there is a contact with the data sources either by phone or by a reminder letter. Non-response errors may also be due to the fact that some of the variables of the questionnaire are not filled in or are erroneously filled in; in these cases, after the checks carried out by the competent employees of ELSTAT the errors are duly corrected in cooperation with the involved authorities, namely the Police and the Port Police.

15. Timeliness and punctuality

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15.1 Timeliness

The provisional results are published 60 days after the end of the reference month and the final results are published 270 days after the end of the reference year.

15.2 Punctuality

No delays in the release of the results.

16. Comparability

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16.1 Comparability – geographical

There are no problems concerning geographical comparability.

16.2 Comparability over time

From 1-1-1996, dead is considered any person killed immediately or dying within 30 days as a result of an injury accident. Before 1-1-1996 dead was considered any person killed immediately or dying within 3 days as a result of an injury accident.

Adjustment: 1963-1995+ 18%

Moreover, in 1998 the Register of National Highways and Rural Roads was established.

17. Coherence	Top
17.1 Coherence cross-domain	
There are no differences between the results of the survey on road accidents and other relevant statistical results.	
17.2 Coherence – internal	
There are no significant differences between the common variables of the survey and the variables of other surveys.	

18. Cost and burden	Top
No other burden than the operational expense of the competent Section of the Social Statistics Division of ELSTAT.	

19. Data revision	Top
19.1 Revision policy	
For population weights, the results of the latest population census are used. The weights of the data are revised once the latest population census results are made available so as the new information is better reflected in the population groups.	
19.2 Revision practice	
After having identified users' needs, the questionnaire is re-designed, when appropriate, fully ensuring comparability of data longitudinally.	

20. Statistical processing	Top
20.1 Source data	
Primary data derive from administrative data sources (Police, Port Police).	
20.2 Frequency of data collection	
Data are collected on a monthly basis.	
20.3 Data collection	
The questionnaires after having been duly filled in by the competent employees of the Police/Port Police are transmitted to the Section of Justice and Public Order Statistics of ELSTAT.	
20.4 Data validation	
Data are validated by means of a series of qualitative and quantitative checks which are mainly based on: <ol style="list-style-type: none"> 1. Cross-checking of final survey aggregates with the corresponding provisional monthly data. 2. Comparisons between the main aggregates of the survey with the corresponding aggregates of the main administrative source (Police/Port Police). 	
20.5 Data compilation	
The data after having been collected undergo logical checks, they are codified, imported in the electronic data base, tabulated and finally they are published.	
20.6 Adjustments	
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<div>21. Comments</div> <div> Top </div>
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