

Single Integrated Metadata Structure (SIMS)

Country: Greece

Compiling agency: ELSTAT

Domain name: Collection of data on petroleum products consumption 2021

ELSTAT metadata

[Reference metadata](#)

- [1. Contact](#)
- [2. Introduction](#)
- [3. Metadata update](#)
- [4. Statistical presentation](#)
- [5. Unit of measure](#)
- [6. Reference period](#)
- [7. Institutional mandate](#)
- [8. Confidentiality](#)
- [9. Release policy](#)
- [10. Frequency of dissemination](#)
- [11. Dissemination format](#)
- [12. Accessibility of documentation](#)
- [13. Quality management](#)
- [14. Relevance](#)
- [15. Accuracy and reliability](#)
- [16. Timeliness and punctuality](#)
- [17. Comparability](#)
- [18. Coherence](#)
- [19. Cost and burden](#)
- [20. Data revision](#)
- [21. Statistical processing](#)
- [22. Comment](#)

1. Contact

[Top](#)

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2. Introduction

[Top](#)

The survey on consumption of petroleum products is annual and is based on administrative sources and files. The survey presents results on the total petroleum consumption per Region and per Regional Unit of the Country. The primary data are transmitted to the Hellenic Statistical Authority by the General Directorate of Energy of the Ministry of Environment and Energy.

3. Metadata update

[Top](#)

3.1 Metadata last certified	January 2023
3.2 Metadata last posted	January 2023
3.3 Metadata last update	January 2023

4. Statistical presentation

[Top](#)

4.1 Data description

The survey on the consumption of petroleum products is carried out on a census basis and collects data from administrative sources and files. The survey presents results on the total petroleum consumption per Region and per Regional Unit of the Country. The primary data are transmitted to the Hellenic Statistical Authority by the General Directorate of Energy of the Ministry of Environment and Energy.

4.2 Classification system

The results of the survey are broken down according to the following classifications:

1. Geographical classification per Region and Regional Unit of the Country
2. Classification per petroleum product category.

The petroleum products categories are: Motor gasoline (super, unleaded, unleaded super 98/100), heating gasoil, transport diesel, residual/heavy fuel oil (low and high sulphur) and liquefied petroleum gases. From the year 2019 onwards, data for motor gasoline categories (super, unleaded, unleaded super 98/100) additionally include mixture with biofuels.

4.3 Sector coverage

The enterprises of trading and refining of petroleum products

4.4 Statistical concepts and definitions

Primary data are transmitted to the Hellenic Statistical Authority by the General Directorate of Energy of the Ministry of Environment and Energy in table format.

The final data, after their control and processing, are provided in annual table format, in which the annual petroleum products consumption per Region and per Regional Unit and per category are presented, along with the respective percentage rates in comparison with the previous years.

4.5 Statistical unit

The statistical units are the enterprises of trading and refining of petroleum products.

4.6 Statistical population

All enterprises of trading and refining of petroleum products.

4.7 Reference area

Total of Greece per Region and per Regional Uni

4.8 Time coverage

1982-2021

4.9 Base period

Not available

5. Unit of measure

[Top](#)

Metric tons

6. Reference period

[Top](#)

The calendar year 2021

7. Institutional mandate

[Top](#)

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 2012-1015" 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, as amended by the Regulation 759/2015**, on the European statistics
- **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

Not available

8. Confidentiality

[Top](#)

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:
 - a) 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;
 - b) the anonymization criteria for the microdata provided to users;
 - c) 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

[Top](#)

9.1 Release calendar

The publications that are related to the results of the survey on the consumption of petroleum products are included in the release calendar.

9.2 Release calendar access

The release calendar is available on the website of the Hellenic Statistical Authority:

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

9.3 User access

According to the legal framework of the Community and the “European Statistics Code of Practice”, ELSTAT announces all the national statistical data on its website, respecting the professional independence and in an objective, professional and transparent manner, with which all users are equally treated.

10. Frequency of dissemination

[Top](#)

At the end of the first semester of each year, the results of the survey for the previous reference year, are transmitted for publication to the webpage of the Hellenic Statistical Authority

11. Dissemination format

[Top](#)

11.1 News release

Press releases are published on the webpage of the Hellenic Statistical Authority:

<https://www.statistics.gr/en/statistics/-/publication/SDE15/>

11.2 Publications
Tables and time series are published on the webpage of the Hellenic Statistical Authority: https://www.statistics.gr/en/statistics/-/publication/SDE15/
11.3 On-line database
<u>11.3.1 Data tables - consultations</u>
The number of visits amounted to 5,705 for the year 2021 and 4,087 for the year 2022
11.4 Micro-data access
No microdata are available
11.5 Other
<u>11.5.1 Metadata – consultations</u>
The number of visits amounted to 5,705 for the year 2021 and 4,087 for the year 2022.

12. Accessibility of documentation	Top
12.1 Documentation on methodology	
<u>12.1.1 Metadata completeness - rate</u>	
The percentage of completeness of metadata is 100%.	
12.2 Quality documentation	
Prior to the tabulation of the data, quality controls are conducted, such as comparison controls with the previous years' results and validation checks between the total of petroleum products consumption and the individual categories, per Regional Unit of the Country. Methodological note is available on the website of ELSTAT.	

13. Quality management	Top
13.1 Quality assurance	
ELSTAT's policy for quality assurance is described at the following link: http://www.statistics.gr/en/quality-assurance-framework	
13.2 Quality assessment	
Prior to the tabulation of the data, quality controls are conducted, such as comparison controls with the previous years' results and validation checks between the total of petroleum products consumption and the individual categories, per Regional Unit of the Country.	

14. Relevance	Top
14.1 User needs	
The main users of the results of the survey are individuals and researchers from Universities.	
14.2 User satisfaction	
The Division of Statistical Information and Publications of ELSTAT conducts a general user's satisfaction survey concerning the overall statistical production and it is not focused on specific surveys. http://www.statistics.gr/en/user-satisfaction-survey	
14.3 Completeness	
For the reference year 2021, the completeness is 100%.	

15. Accuracy and reliability	Top
15.1 Overall accuracy	
The survey on the consumption of petroleum products is exhaustive and it is based on administrative sources and files. The reliability of the data is 100%.	
15.2 Sampling error	
Given that the survey is exhaustive, there are no sampling errors.	
15.3 Non-sampling error	
<u>15.3.1 Coverage error</u>	
There are no coverage errors, given that the survey is based on administrative sources.	
<u>15.3.1.1 Over-coverage – rate</u>	
<u>15.3.1.2 Common units – proportion</u>	
<u>15.3.2 Measurement error</u>	
There are no measurement errors, given that the survey is based on administrative sources.	
<u>15.3.3 Non response error</u>	
There are no non-response errors, given that the survey is based on administrative sources.	
<u>15.3.4 Processing error</u>	
There are no processing errors, given that the survey is based on administrative sources.	
<u>15.3.5 Model assumption error</u>	
There are no model assumptions errors, given that the survey is based on administrative sources.	

16. Timeliness and punctuality	Top
16.1 Timeliness	
Data are published on the website of the Hellenic Statistical Authority, 6 months after the end of reference year.	
16.2 Punctuality	
No delays occur in the publication of the data for the reference year 2021.	

17. Comparability	Top
17.1 Comparability - geographical	
The results of the survey are checked by the Hellenic Statistical Authority on the basis of their geographical comparability for each Region and Regional Unit.	
<u>17.1.1 Assymetry for mirror flows statistics – coefficient</u>	
Not applicable for this survey.	
17.2 Comparability over time	
The results of the survey are checked by the Hellenic Statistical Authority on the basis of their comparability over time for each year. From the year 2016, the consumption of residual/heavy fuel oil(low and high sulphur) , additionally includes the deliveries on domestic shipping fuels. From the year 2019, motor gasoline categories additionally include mixture with biofuels.	

18. Coherence	Top
18.1 Coherence cross-domain	
The statistical data of the survey are not compared with the results of other surveys.	
18.1.1 Coherence – sub annual and annual statistics	
Not applicable for this survey	
18.1.2 Coherence – National Accounts	
Not applicable for this survey.	
18.2 Coherence – internal	
Internal consistency of the data is validated by ELSTAT at the final stage of data processing.	

19. Cost and burden	Top
No expenses occur from the survey.	

20. Data revision	Top
20.1 Revision policy	
Data revision, if needed, is based on the Circular Revision Policy of ELSTAT that is available at the link: http://www.statistics.gr/en/policies	
20.2 Revision practice	
Along with the data for the year n, revised data for the year (n-1) were published, which were made available by the Ministry of Environment and Energy.	

21. Statistical processing	Top
21.1 Source data	
The data are based on administrative sources and files. They are provided by the General Directorate of Energy of the Ministry of Environment and Energy.	
21.2 Frequency of data collection	
Data are collected on a yearly basis.	
21.3 Data collection	
The survey is conducted through the reception of electronic files from the General Directorate of Energy of the Ministry of Environment and Energy.	
21.4 Data validation	
The data transmitted from the General Directorate of Energy of the Ministry of Environment and Energy are checked on the basis of their correctness and after these checks, tables and diagrams are compiled. The final results are sent for publication to the webpage of the Hellenic Statistical Authority.	
21.5 Data compilation	
The data transmitted from the General Directorate of Energy of the Ministry of Environment and Energy are checked on the basis of their correctness and after these checks, tables and diagrams are compiled (geographical breakdown per Region and per Regional Unit of the Country, breakdown per petroleum product category, for the following petroleum products categories: gasoline (super, unleaded, unleaded super 98/100), heating gasoil , transport diesel , residual/heavy fuel oil (low and high sulphur) and liquefied petroleum gases. From the year 2019, data for motor gasoline categories (super, unleaded, unleaded super 98/100) additionally include mixture with biofuels. The final results are sent for publication to the webpage of the Hellenic Statistical Authority.	

21.5.1 Imputation - rate

Not applicable for this survey

21.6 Adjustment

Not applicable

21.6.1 Seasonal adjustment

Not applicable

22. Comment

[Top](#)