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Reference Metadata in ESMS 2.0 structure

Statistical survey on distributors of natural gas (annual)

E_ENE.11_M_EN_2022_12

Reference Metadata in ESMS 2.0 structure

1	Contact
1.1	Contact organisation
State Statistical Office	
1.2	Contact organisation unit
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1.3	Contact name
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1.4	Contact person function
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1.7	Contact phone number

State Statistical Office

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3295-650

3295-750

1.8 Contact fax number**2 Metadata update****2.1 Metadata last certified**

18/01/2022

2.2 Metadata last posted

18/01/2022

2.3 Metadata last update

18/01/2022

3 Statistical presentation**3.1 Data description**

Data on import and stocks on natural gas.

3.2 Classification system

National Classification of Activities NKD. Rev.2; List of energy commodities and types of energy.

3.3 Sector coverage

Section D - Electricity, Gas, steam and air conditioning supply; Group 35.2, according to NKD Rev.2.

3.4 Statistical concepts and definitions

Natural gas comprises gases occurring in underground deposits, whether liquefied or gaseous, consisting mainly of methane. Quantities of natural gas are presented in mn3 under standard condition, i.e. 15oC mm Hg.

3.5 Statistical unit

State Statistical Office

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Reporting units: business entities belonging to Section D - Electricity, Gas, steam and air conditioning supply; Group 35.2, according to NKD Rev.2. Observation units: natural gas distributors.

3.6 Statistical population

Business entities belonging to Section D/Г - Electricity, Gas, steam and air conditioning supply; Group 35.2, according to NKD Rev.2. and distribute natural gas.

3.7 Reference area

Republic of North Macedonia

3.8 Time coverage

Since January 2005.

3.9 Base period

4 Unit of measure

nm3.

5 Reference period

Month.

6 Institutional mandate

6.1 Legal acts and other agreements

National: Law on State Statistics ("Official Gazette of the Republic of Macedonia" No. 54/97, 21/07, 51/11, 104/13, 42/14, 192/15, 27/16, 83/18, 220/18 and 31/20) and Programme of Statistical Surveys 2018-2022 ("Official Gazette of the Republic of Macedonia" No. 22/18 and 224/18).

International: Regulation (EC) No 1099/2008 of the European Parliament and of the Council
 Commission Regulation (EU) No 431/2014, amending Regulation (EC) No 1099/2008
 Energy Statistics Methodology, Eurostat, 1998
 Energy Statistics Manual, OECD/IEA/Eurostat, 2004
 SHARES (SHort Assessment of Renewable Energy Sources) Tool Manual, Eurostat, 2015

6.2 Data sharing

State Statistical Office

Data are transmitted to IEA/Eurostat/UNECE with questionnaire MOS_JODI_GAS.

7 Confidentiality

7.1 Confidentiality - policy

Individual data are protected by the [Law on State Statistics](#). Data collected with statistical surveys from the reporting units or indirectly from administrative or other sources are confidential data and are used only for statistical purposes. Results from the statistical processing may also generate information considered as confidential, for example: anonymised individual data, tables with low level of aggregation, as well as unreleased data. The [Policy on Statistical Confidentiality](#) contains the basic principles used in the SSO.

7.2 Confidentiality - data treatment

All individual or personal data, in each phase of statistical processing, are treated as confidential data and may be used only for statistical purposes. When releasing data from this survey at an aggregated level, there is no need for additional data treatment for the purpose of ensuring confidentiality.

8 Release policy

8.1 Release calendar

Data are released in accordance with the Release Calendar, which is published on the web site of the State Statistical Office. The Release Calendar is prepared annually before the beginning of each year and is updated quarterly.

8.2 Release calendar access

[Advance release calendar](#)

8.3 User access

In accordance with the dissemination policy, all users have equal access to statistical data at the same time. Data are released on the web site at the same time for all users, which are informed with the Release Calendar, and no user has privileged access.

9 Frequency of dissemination

Monthly.

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10	Accessibility and clarity
10.1	News release
Monthly news release: " Energy ."	
10.2	Publications
10.3	On-line database
MAKSTAT database available on web page on SSO.	
10.4	Micro-data access
According to the Law on State Statistics (Article 41) and the Policy on Access to Anonymised Microdata for scientific purposes, data collected for the purpose of official statistics may be used for scientific purposes if there is no risk of direct or indirect identification, i.e. disclosure of data individuality. Access to microdata is possible only in the safe room at the SSO, based on a submitted and approved request and a signed agreement. http://www.stat.gov.mk/ZaNas_en.aspx?id=22	
10.5	Other
Survey data are sent to Eurostat and they are released on the web site of this institution.	
10.6	Documentation on methodology
Methodological explanations are published on web page of SSO.	
10.7	Quality documentation
11	Quality management
11.1	Quality assurance

The commitment of the SSO to ensuring quality of products and services is described in the Law on State Statistics, the [Strategy of the State Statistical Office](#) and the [Quality Policy of the State Statistical Office](#), as well as in the continuous efforts for harmonisation with the European Statistics Code of Practice. The main aspects and procedures for quality management in the phases and sub-phases of the Statistical Business Process Model, as well as the good practices for ensuring quality are documented in the internal document called "Guide for ensuring quality of statistical processes". Input and output metadata, as well as relevant quality indicators for certain sub-processes are described in the document "Guide for survey managers".

11.2 Quality assessment

12 Relevance

12.1 User needs

The data are used by governmental and scientific institutions, as well as by business community for: preparation of planned balance for next year, preparation of long term strategies related to energy needs and its share in planned consumption on national level, analysis of use of renewable sources, calculation of share of renewable sources in total consumption on national level, etc.

12.2 User satisfaction

The State Statistical Office conducts the [User Satisfaction Survey](#) at the domain level.

12.3 Completeness

Concerning the indicators required by the Regulation (EC) No. 1099/2008, the SSO provides about 100 %.

13 Accuracy and reliability

13.1 Overall accuracy

Data accuracy is ensured by working on decreasing sampling and/or non-sampling errors, as well as with additional data comparisons and analysis before dissemination.

13.2 Sampling error

Not applicable (survey is with total coverage).

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13.3	Non-sampling error
Coverage errors: 100% coverage is provided. Data providers, on time are reminded to fulfill its obligations. Processing errors: Rules for control and calculations of output are implemented in the application for processing. Non response errors: As full coverage is ensured, there are no non-response errors.	
14	Timeliness and punctuality
14.1	Timeliness
T+ 55.	
14.2	Punctuality
Data are disseminated within the established deadlines in accordance with the Release Calendar.	
15	Coherence and comparability
15.1	Comparability - geographical
Data are released at national level. Comparability is ensured at international level.	
15.2	Comparability - over time
Since 2005 there is no gap in the time series.	
15.3	Coherence - cross domain
Data are coherent between different parts of energy statistics. Cross-domain coherence is ensured in part.	
15.4	Coherence - internal
Internal coherence of data is ensured.	
16	Cost and burden
17	Data revision
17.1	Data revision - policy

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Revision of data is in accordance with the [Statistical Data Revision Policy](#).

17.2 Data revision - practice

Data are published as preliminary and final (revised) data.

18 Statistical processing

18.1 Source data

"This statistical survey is with full coverage. Statistical survey ""Monthly survey on distributors of natural gas"" (ENE.11) is fill in by business entities that belong to Section D - Electricity, Gas, steam and air conditioning supply; Group 35.2, according to NKD Rev.2. Updating of the coverage is carried out annually."

18.2 Frequency of data collection

Monthly.

18.3 Data collection

Data on natural gas distributors are collected by the statistical survey " Monthly survey on distributors of natural gas" (ENE.11). Business entities fill in data and send the completed forms to the SSO, at latest 25 days from the end of reference period."

18.4 Data validation

Data validation is made in accordance with defined control criteria. Data control is carried out before and after data entry. For any inconsistencies in data, contact is made with the reporting unit. Final results are also under control before publishing.

18.5 Data compilation

Editing: The data received from businesses entities, after verification and correction in consultation with the reporting units, are entered in an electronic application with integrated on-line controls. Imputations: Monthly energy statistics are processed in accordance with scheme in Joint Questionnaires of IEA/Eurostat/UNECE.

18.6 Adjustment

No data adjustment is made.

19 Comment

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A.1 Annexes

State Statistical Office