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Reference Metadata in ESMS 2.0 structure

Statistical survey on business entities - producers and manufacturers of coal and coal products (monthly)

E\_ENE.9\_M\_EN\_2021\_12

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<b>1</b>	<b>Contact</b>
<b>1.1</b>	<b>Contact organisation</b>
State Statistical Office	
<b>1.2</b>	<b>Contact organisation unit</b>
Department for environmental statistics, energy and transport	
<b>1.3</b>	<b>Contact name</b>
Stojna Maneva	
Gjurgjica Miloshevska	
<b>1.4</b>	<b>Contact person function</b>
Senior Associate	
<b>1.5</b>	<b>Contact mail address</b>
Dame Gruev 4, 1000 Skopje, Republic of Macedonia	
<b>1.6</b>	<b>Contact email address</b>

State Statistical Office

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[stojna.maneva@stat.gov.mk](mailto:stojna.maneva@stat.gov.mk)[gjurgica.milosevska@stat.gov.mk](mailto:gjurgica.milosevska@stat.gov.mk)**1.7 Contact phone number**

00389 2 3295 750

00389 2 3295 650

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

28/12/2021

**2.2 Metadata last posted**

28/12/2021

**2.3 Metadata last update**

28/12/2021

**3 Statistical presentation****3.1 Data description**

Data on production, stocks, average calorific values of coal and products from coal.

**3.2 Classification system**

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

Reference Metadata in ESMS 2.0 structure

<b>3.3</b>	<b>Sector coverage</b>
Section B - Mining and quarrying, Division 05 - Mining of coal and lignite, according to NKD Rev.2.	
<b>3.4</b>	<b>Statistical concepts and definitions</b>
In "Energy balances ", coals are grouped on: Hard Coal = Anthracite + Coking Coal + Other Bituminous Coal; Lignite = Brown Coal + Lignite	
<b>3.5</b>	<b>Statistical unit</b>
Reporting units: business entities belonging to Section B - Mining and quarrying; Division 05 - Mining of coal and lignite. Observation units: coal mines	
<b>3.6</b>	<b>Statistical population</b>
Coal exploited from business entities belonging to Section B - Mining and quarrying; Division 05 - Mining of coal and lignite.	
<b>3.7</b>	<b>Reference area</b>
NUTS 1 and 2 (Republic of North Macedonia)	
<b>3.8</b>	<b>Time coverage</b>
Since January 2005.	
<b>3.9</b>	<b>Base period</b>
<b>4</b>	<b>Unit of measure</b>
Tonnes.	
<b>5</b>	<b>Reference period</b>
Month.	
<b>6</b>	<b>Institutional mandate</b>
<b>6.1</b>	<b>Legal acts and other agreements</b>

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**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

Data are transmitted to IEA/Eurostat/UNECE with questionnaire Solid fuels (M-3).

## 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

State Statistical Office

Reference Metadata in ESMS 2.0 structure

[http://www.stat.gov.mk/Kalendar\\_nov\\_en.aspx](http://www.stat.gov.mk/Kalendar_nov_en.aspx)

### 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.

### 10 Accessibility and clarity

#### 10.1 News release

Monthly news release: "Energy"

[http://www.stat.gov.mk/PrikaziSoopstenie\\_en.aspx?rbtxt=117](http://www.stat.gov.mk/PrikaziSoopstenie_en.aspx?rbtxt=117)

#### 10.2 Publications

#### 10.3 On-line database

MAKStat database available on the State Statistical Office website.

<http://makstat.stat.gov.mk/PXWeb/pxweb/mk/MakStat/?rxid=46ee0f64-2992-4b45-a2d9-cb4e5f7ec5ef>

#### 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](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

The methodological explanations are available on the State Statistical Office website.

[http://www.stat.gov.mk/MetodoloskiObjasSoop\\_en.aspx?id=64&rbrObl=21](http://www.stat.gov.mk/MetodoloskiObjasSoop_en.aspx?id=64&rbrObl=21)

## 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 ([http://www.stat.gov.mk/ZaNas\\_en.aspx?id=6](http://www.stat.gov.mk/ZaNas_en.aspx?id=6)) and the Quality Policy of the State Statistical Office ([http://www.stat.gov.mk/pdf/Politika\\_za\\_kvalitet\\_en.pdf](http://www.stat.gov.mk/pdf/Politika_za_kvalitet_en.pdf)), 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. This Survey is conducted every three years and the last one was in 2015. [http://www.stat.gov.mk/Dokumenti/izvestai/IzvestajAnketaZadovNaKorisnici2015\\_en.pdf](http://www.stat.gov.mk/Dokumenti/izvestai/IzvestajAnketaZadovNaKorisnici2015_en.pdf)

### 12.3 Completeness

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

Reference Metadata in ESMS 2.0 structure

<b>13</b>	<b>Accuracy and reliability</b>
<b>13.1</b>	<b>Overall accuracy</b>
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.	
<b>13.2</b>	<b>Sampling error</b>
Not applicable (survey is with total coverage).	
<b>13.3</b>	<b>Non-sampling error</b>
Coverage errors: 100% coverage is provided. Providers of data are reminded on time to fulfil their obligation. 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.	
<b>14</b>	<b>Timeliness and punctuality</b>
<b>14.1</b>	<b>Timeliness</b>
T+ 55.	
<b>14.2</b>	<b>Punctuality</b>
Data are disseminated within the established deadlines in accordance with the Release Calendar.	
<b>15</b>	<b>Coherence and comparability</b>
<b>15.1</b>	<b>Comparability - geographical</b>
Data are released at national level. Comparability is ensured at international level.	
<b>15.2</b>	<b>Comparability - over time</b>
Since 2005 there is no gap in the time series.	
<b>15.3</b>	<b>Coherence - cross domain</b>
Data are coherent between different parts of energy statistics. Cross-domain coherence is ensured in part.	

Reference Metadata in ESMS 2.0 structure

<b>15.4</b>	<b>Coherence - internal</b>
Internal coherence of data is ensured.	
<b>16</b>	<b>Cost and burden</b>
<b>17</b>	<b>Data revision</b>
<b>17.1</b>	<b>Data revision - policy</b>
Revision of data is in accordance with the <a href="#">Statistical Data Revision Policy</a> .	
<b>17.2</b>	<b>Data revision - practice</b>
Data are published as preliminary and final (revised) data.	
<b>18</b>	<b>Statistical processing</b>
<b>18.1</b>	<b>Source data</b>
This statistical survey is with full coverage. Statistical survey "Monthly survey on business entities producers of coal (lignite's mine)" (ENE.9) is fill in by business entities that belong to Section B - Mining and quarrying; Division 05 - Mining of coal and lignite. Updating of the coverage is carried out annually."	
<b>18.2</b>	<b>Frequency of data collection</b>
Monthly.	
<b>18.3</b>	<b>Data collection</b>
Data on coal production are collected by the statistical survey " Monthly survey on business entities producers of coal (lignite's mine)" (ENE.9). Business entities fill in data and send the completed forms to the SSO, at latest 25 days from the end of reference period.	
<b>18.4</b>	<b>Data validation</b>



Reference Metadata in ESMS 2.0 structure

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**

Imputation of units (monthly average) 0%.

Imputation of variables=0%.

**18.6 Adjustment**

No data adjustment is made.

**19 Comment****A.1 Annexes**

State Statistical Office