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Reference Metadata in ESMS 2.0 structure

Statistical survey on compulsory reserves and commodity reserves (annual)

E_ENE.60A_A_EN_2021_1

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1	Contact
1.1	Contact organisation
State Statistical Office	
1.2	Contact organisation unit
Department for environmental statistics, energy and transport	
1.3	Contact name
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1.4	Contact person function
Senior Associate	
1.5	Contact mail address
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1.6	Contact email address

State Statistical Office

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3295-650

3295-750

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

17/01/2022

2.2 Metadata last posted

17/01/2022

2.3 Metadata last update

17/01/2022

3 Statistical presentation**3.1 Data description**

Data on petrol products (production, stocks, calorific values etc.) that are produced in refineries.

3.2 Classification system

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

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3.3	Sector coverage
Section C - Manufacturing; Class 19.20 - Manufacture of refined petroleum products, according to NKD Rev.2.	
3.4	Statistical concepts and definitions
"Crude oil is a mineral oil of natural origin comprising a mixture of hydrocarbons and associated impurities, such as sulphur. It exists in liquid phase under normal surface temperature and pressure and its physical characteristics (density, viscosity, etc.) are highly variable. In ""Energy balances"" oil products are grouped on: Motor Spirit = Unleaded Motor Gasoline + Leaded Motor Gasoline + Aviation Gasoline Since, 2012, part of exported Kerosene consumed on domestic airports for international air transport is included in final consumption, in Air transport category Other Petroleum Products = White and Industrial Spirit + Lubricants + Bitumen + Paraffin Waxes + Other Petroleum Products."	
3.5	Statistical unit
Reporting units: business entities belonging to Section C - Manufacturing; Class 19.20 - Manufacture of refined petroleum products, in accordance with NKD Rev.2. Observation units: refineries.	
3.6	Statistical population
Petroleum products produced in business entities belonging to Section C - Manufacturing; Class 19.20 - Manufacture of refined petroleum products, in accordance with NKD Rev.2.	
3.7	Reference area
Republic of North Macedonia	
3.8	Time coverage
Since 1998 year.	
3.9	Base period
data are received on annual basis	
4	Unit of measure
tonnes, 000' toe.	
5	Reference period
Year.	

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6	Institutional mandate
6.1	Legal acts and other agreements
<p>National:</p> <p>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).</p> <p>International:</p> <p>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</p>	
6.2	Data sharing
Data are transmitted to IEA/Eurostat/UNECE with joint questionnaire JQ IEA - Eurostat - UNECE.	
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

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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
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
Annually.	
10	Accessibility and clarity
10.1	News release
Annual news release: " Energy balances ".	
10.2	Publications
Statistical review: Energy consumption in households ,	
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.	

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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
<u>Methodological explanations</u> 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 <u>Strategy of the State Statistical Office</u> and the <u>Quality Policy of the State Statistical Office</u> , 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 <u>User Satisfaction Survey</u> at the domain level.	

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12.3	Completeness
Concerning the indicators required by the Regulation (EC) No. 1099/2008, the SSO provides about 95%.	
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).	
13.3	Non-sampling error
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.	
14	Timeliness and punctuality
14.1	Timeliness
T+290.	
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 1998 there is no gap in the time series.	

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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
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. Data were revised in 2016 for the period 2005-2014. In revised energy balances are implemented results from the Survey on energy consumption in households, 2014.	
18	Statistical processing
18.1	Source data
"This statistical survey is with full coverage. Statistical survey ""Annual survey on refineries and manufacturers of oil and oil products"" (ENE.60) is fill in by business entities that belong to Section C - Manufacturing; Class 19.20 - Manufacture of refined petroleum products. UUpdating of the coverage is carried out annually."	
18.2	Frequency of data collection
Annually.	
18.3	Data collection

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Data on refineries and manufacturers are collected with statistical survey "Annual survey on refineries and manufacturers of oil and oil products" (ENE.60). Business entities fill in data and send the completed forms to the SSO, at latest 130 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: Balances by energy products and energy balances are processed in accordance with scheme in Joint Questionnaires of IEA/Eurostat/UNECE.

18.6 Adjustment

No data adjustment is made.

19 Comment

A.1 Annexes

State Statistical Office