The MOS and COIR questionnaires

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OVERVIEW

MOS - Monthly oil statistics
• Legal bases
• MOS oil questionnaire (Tables 1 – 5)
• Emergency stocks reporting in the MOS (Tables 5b – 9)
• Validation
• Dissemination and data use

COIR – Crude Oil Imports Register
• Legal bases
• COIR reporting
• COIR info
The MOS questionnaire
Legal bases
MOS – Legal Bases

Energy Statistics Regulation


ANNEX A: DEFINITION OF OIL Chapter 3 "PRODUCTS" Sub-Chapter 3.4 "OIL (Crude oil and petroleum products)"

ANNEX C: MONTHLY ENERGY STATISTICS Chapter 3 "OIL AND PETROLEUM PRODUCTS" listing: Applicable energy products, list of aggregates, stocks, units of measure and deadline for transmission of data

Latest consolidated version:
MOS – Legal Bases

Emergency Oil Stocks Directive

_Council Directive 2009/119/EC_ of 14 September 2009, imposing an obligation on Member States to maintain minimum stocks of crude oil and/or petroleum products


MOS current and future reporting countries: EU Member States, European Economic Area (EEA) countries, EU candidate and potential candidate countries, Energy Community contracting parties

Latest consolidated version:
MOS – Products and flows

• Products: Crude oil, NGLs, feedstocks, and several petroleum products. Also blended biofuels and H2.

• Tab 1 to Tab 5: Main flows - Regulation (EC) No 1099/2008
  (Production of primary products, refinery intake and output of secondary products, flows to and from Petrochemical industry, imports and exports, international marine bunkers use, stocks in national territory, inland deliveries)

• Tab 5b to Tab 9: Emergency and commercial stocks - Council Directive 2009/119/EC
  (In national territory, own emergency, held for others or by others, to be imported or exported, stocks location by countries, commercial)

• Tab: New days equivalent calculation
IMPORTANT: MOS oil data collection is fundamental for meeting the reporting obligations described in both the Energy Statistics Regulation and the Oil Stocks Directive.

Each Contracting Party needs to fully understand the reporting details and methodologies related the MOS.
MOS – Submitting data

• Deadlines for reporting: 55 days after the end of the reporting month

• Reporting obligations for EnC CPs
  - Mos data: Obligation started with ref month Jan 2014* (*Georgia 2017)
    - Some currently reporting some data Tab 1 - 5
  - Emergency oil stocks: Obligation to start with ref month Jan 2023
    -> Stock built and reporting

• Via eDAMIS under the dataset: ENERGY_MOSOIL_M

• Data with no errors must be transmitted by the deadline

• Revisions due to data improvements and updates are accepted
MOS Questionnaire

- Considers automatically the implications due to Brexit
- Includes the changed provisions: amendment (EU) 2018/1581 to the Oil Stocks Directive
- Includes changes needed due to legal interpretation developments: EnC CPs stocks location
- Has improved consistency with the annual oil questionnaire
- Has improved IT features (SDMX)
Validation
MOS Data Validation

• Embedded checks, cell protection, and info.

• Automatic validation: Struval and Conval being implemented.

• Further content validation:
  o Intra questionnaire checks
  o Time series checks

Section on Methodology: https://ec.europa.eu/eurostat/web/energy/methodology
Reporting instructions: Reporting instructions MOS oil
Validation manual and rules: Validation manual
Data use
Dissemination and visualization

• Data are regularly published in our website.
  o The complete database is available here: http://ec.europa.eu/eurostat/data/database

• Visualization
  o Monthly data interactive visualization: link

• “Statistics explained” articles, news items:
  o Annual oil data article: link
  o New item - March 2020 link
  o New item - April 2020 link
  o New item - August 2020 link
  o Article on oil stocks: link
MOS Oil data are used for **compliance monitoring** by the European Commission:

- **DG ESTAT:** compliance with the Energy Statistics Regulation as regards the **monthly oil statistics**
  - Compliance monitoring issues are presented and discussed in the ENERGY STATISTICS WORKING GROUP (ESWG)

- **DG Energy:** compliance with the Oil Stocks Directive as regards the **emergency oil stockholding obligations**
  - Compliance monitoring issues are presented and discussed in the OIL COORDINATION GROUP
Annual, semesterial, monthly data

Used by:
European Commission and other EU and international intuitions and agencies, journalists, researchers, academia, and the private citizens.

Used to:
• Monitor policies and targets (Energy Union, European green deal, Fit for 55)
• Calculate indicators (GHG emissions, Covid recovery dashboard)
• For analysis and studies
• Re-publication
• Articles and news
The COIR Questionnaire

- Legal bases
- COIR (Crude Oil Imports Register) questionnaire
- COIR info
Energy Statistics Regulation


+ amendments (Amendment 2146/2019, came into force on 1/1/2020)

ANNEX D: SHORT TERM MONTHLY STATISTICS
PARAGRAPHS 2: CRUDE OIL IMPORTS AND SUPPLY

- Reporting current and future: EU Member States, European Economic Area (EEA) countries, EU candidate and potential candidate countries.
COIR - Submission

• Deadlines for reporting: one calendar month after the end of the reporting month.

• Reporting obligations for EnC CPs: From Ref month January 2023 - proposed

• Via eDAMIS under the dataset: ENERGY_COIR_M

• Data with no errors must be transmitted by the deadline

• Revisions due to data improvement and updates are accepted

COIR Reporting instructions:
https://ec.europa.eu/eurostat/documents/38154/42198/reporting_instructions_crude_oil.pdf/4463ea3c-4466-1f3e-66d4-0a35635b7644
COIR Questionnaire

• The COIR questionnaire - to report on a monthly basis:

  ➢ For each crude oil type imported:
    ✓ its API gravity (average)
    ✓ its sulphur content (average)
    ✓ its quantity in barrels
    ✓ its total price in USD per barrel
    ✓ the number of companies reporting imports of this particular type

  ➢ The total number of companies reporting imports of crude oil

  ➢ The total imports

  ➢ Total production volume and weight

  ➢ The corresponding average prices
COIR - Info

• November 2020: Decision on confidentiality rules for presenting various aggregates (EU countries).

• End of 2021: Annual aggregates for EU (+ MD, ME) will be computed and disseminated.

• End of 2023: Annual aggregates for all EnC CPs will be computed and disseminated.

Instructions can be found here:
• https://ec.europa.eu/eurostat/documents/38154/42198/reporting_instructions_crude_oil.pdf/4463ea3c-4466-1f3e-66d4-0a35635b7644

Data can be seen and downloaded:
Thank you

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