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**Institutional arrangement for energy statistics
in Egypt**

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Introduction

- ❖ Central Agency for Public Mobilization and Statistics (CAPMAS) is the official statistical organization in Egypt. Energy statistics is one of the most important statistics in Egypt. CAPMAS collects data from different economic activities by mean several methods and techniques.

Statistical legislations

- ❖ The statistical governmental legislations support and facilitate data collection through the statistical surveys.
- ❖ Data provided by a statistical unit is considered confidential and should not be used for any other than the statistical purpose

Data sources for energy statistics

There are three main sources for energy statistics in Egypt:

- I. Ministry of Petroleum (MoP)**
- II. Ministry of Electricity and Energy (MoEE)**
- III. survey that held by the Central Agency for Public Mobilization and Statistics (CAPMAS).**

I. Ministry of Petroleum (MoP)

MoP is responsible for the following independent companies in Egypt:

- 1- Egyptian General petroleum corporation (EGPC)**
- 2- Egyptian Natural Gas Holding Company (EGAS)**
- 3- Egyptian Petrochemicals Holding Company (ECHEM)**
- 4- Ganoub Elwadi petroleum Holding Company (GANOPE)**
- 5- Egyptian General Corporation for Mineral Resources**

I. Ministry of Petroleum (2)

MoP covered 95 % of the oil market in Egypt.

It provides CAPMAS with following annual metadata:

- ❖ Total amounts of produced & consumed crude oil and its refineries.**
- ❖ Total amounts of produced & consumed natural gas.**

However, these data is only on the national level for the broad categories of the economic activities level (but not in detail for each subsection of the economic activities).

II. Ministry of Electricity and Energy (MoEE)

It provides CAPMAS with data relating to electric energy production & consumption. It is responsible for the following companies:

- 1-Egyptian Electricity Holding Companies (EEHC)**
- 2-Rural Electrification Authority (REA)**
- 3-Hydro Power Projects Executive Authority (HPPEA)**
- 4- New and Renewable Energy Authority (NREA)**
- 5-Nuclear Stations Authority (NMA)**
- 6-Atomic Energy Authority (AEA)**
- 7-Nuclear Power Plants Authority (NPPA)**

III. Surveys conducted by CAPMAS

- ❖ **CAPMAS uses a special annual questionnaire for the purpose of collecting detail data from power plants, electricity transportation companies, and electricity distribution companies.**
- ❖ **Through this questionnaire we collect data about production and consumption of electricity, employments, and financial. In addition, self consumed and losing of the energy and electricity.**

(= produced energy – sold energy)

Planning for the future

At the moment, CAPMAS is planning to collect detail data for the final consumption of energy and electricity in each economic activity according to the international classification (IRIS, ver. 4), through the following currently surveys:

- ❖ The Annual Survey of Industrial & Transformation activities conducted by (CAPMAS).
- ❖ The Annual Survey of commercial activities conducted by (CAPMAS).
- ❖ The Annual Survey of society services activities conducted by (CAPMAS).
- ❖ The quarterly labor force survey conducted by (CAPMAS).

Surveys need to be conducted in Egypt

- ❖ CAPMAS is planning to conduct a survey for the final consumption of energy and electricity in transportation sector in Egypt by the collaborating with the **European Union (through the MEDSTAT II project)**. However, it hasn't executed yet. The main problem is the financial.
- ❖ Also we are planning to coordinate with the agricultural activities stockholders in order to obtain the final consumption of energy and electricity in agricultural activities.

Units of measurements

CAPMAS uses the physical units for energy statistics.

- ❖ **Tones for petroleum products and coal**
- ❖ **Millions kilowatt / hour for electricity).**

Data processing

CAPMAS uses various techniques for processing data (e.g. Oracle, Sybase, Power builder, and visual Basic). Local data base for each sector of the economic activities was established.

For more information

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THANK YOU

