

**International Workshop in Energy Statistics  
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**Data quality assurance and dissemination**

**Egypt**

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## *I. Control of Data Quality*

❖ Data quality of statistics in general is very important in order to be fit to meet the diverse demands and uses.

❖ It comprises several dimensions:

1- Relevance & coverage

2- Accuracy,

3- Credibility,

4- Timeliness,

5- Accessibility

6- Completeness,

## *1- Relevance & coverage of data*

Statistical data must be relevant to the context, time and coverage. Energy statistics in Egypt is considered relevant because:

- ❖ It covers all energy stockholder organizations worked in Egypt. About 95 % of the market oil in Egypt is covered by reported data from Ministry of Petroleum.
- ❖ Regularity of data: CAPMAS collects energy data annually.
- ❖ CAPMAS updates its framework list annually (excludes the deaths of units and adds the births)

## 2- *Data Accuracy*

- ❖ Accuracy of energy statistics means the closeness between the estimated values and the actual values provided by the energy stockholder organizations.
- ❖ Central Agency for Public Mobilization and Statistics (CAPMAS) practices data quality control through analyzing actual data versus target's data, comparing data with the same period in the last year and comparing data with historical data.

## 3- Credibility of data

- ❖ **Credibility** refers to the confidence that users place on the data released.
- ❖ **Central Agency for Public Mobilization and Statistics (CAPMAS)** have great credibility in Egypt as official statistical organization. It offers consultations, advising, and conducts most of the national surveys and censuses.
- ❖ It depends on reports adopted from the responsible persons.

## 4- Timeliness of data

- ❖ Timeliness of energy statistics in Egypt is reasonably satisfactory, although it is prone to long time lags sometimes.
- ❖ The data have to be released with the least possible time lag and with perfect regularity

## 5- Data accessibility

Data released must be easy to understand and to derive meaningful analysis and conclusion

CAPMAS delivers accessibility through:

- the existence network data, it becomes easy accessible for users.
- Adequately documents in user friendly form

## **6- Data completeness**

- ❖ Data completeness needs improvements specially in the field of the final consumption of energy statistics. It needs to be in more detail for the different economic activities.**
- ❖ CAPMAS is in charge now to achieve this goal**



## II. Dissemination

**CAPMAS releases statistics, including energy statistics,  
Through:**

- **The annual statistical year book**
- **The annual energy and electricity bulletin**
- **the web site : <http://www.capmas.gov.eg>**

# Policy on informing users of data quality

In the front of each issue, CAPMAS informs users with the following information:

- Survey objectives
- Methods of collection
- Coverage
- Sampling error
- Response rate

# For more information

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THANK YOU

