



Seminar on Classification of Energy Reserves and
Energy Statistics,
Beirut, Lebanon, 30 May – 2 June 2004.

**The United Nations Statistics
Division
Energy Statistics Database**

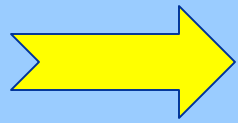
**Károly Kovács, Chief, Energy and
Industry Statistics Section, United Nations
Statistics Division**

Database description

The Energy Statistics database contains comprehensive energy statistics on more than **215 countries** or areas for:

- ✓ production,
- ✓ trade and
- ✓ intermediate and final consumption (end-use) for primary and secondary conventional, non-conventional and new and renewable sources of energy.





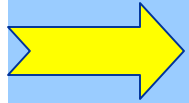
Data on heating (calorific) values are also provided to enable conversion to a common unit (*terajoules*) for inter-fuel comparison and analyses.



The Production Process

- Annual energy questionnaires sent to national statistical offices serve as the primary source of information approximately 20 months after the year EISS collects the data.
- Supplementary data are also compiled from national, regional and international Statistical publications.





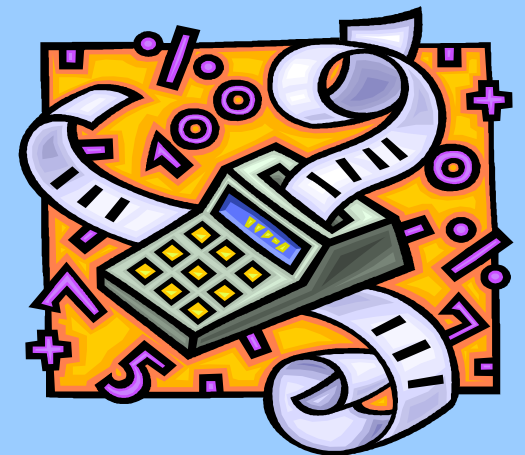
...as part of the production process, the Statistics Division prepares estimates where official data are incomplete or inconsistent.

The following guidelines are used to compute estimates:

(a) The use of mathematical ratios/proportions
(if production of coal in 8 months is equal to 50 units, then production of coal in 12 months is equal to x)

(b) The use of algebraic formulas solving one unknown
($1+2+3-x=15$)

(c) The use of percentages to break down aggregated data



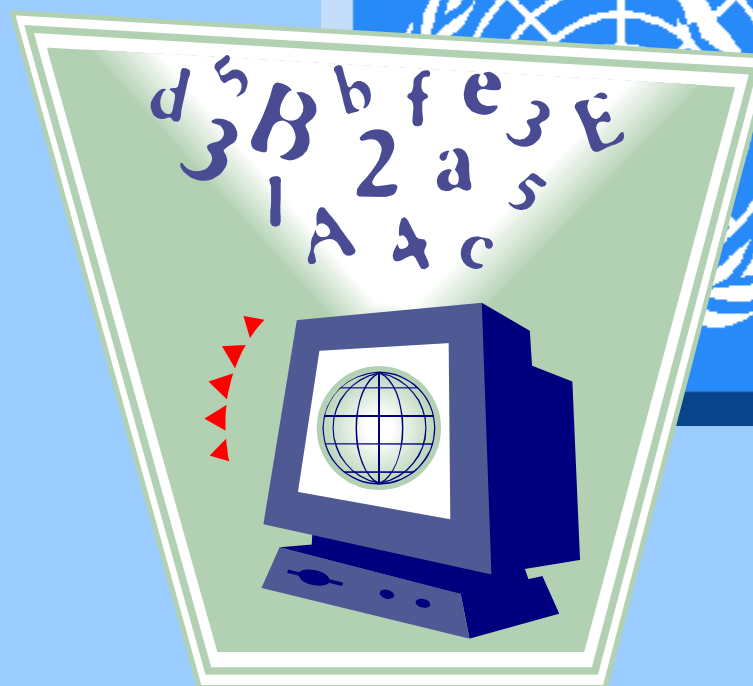
- (d) The use of historical trends
(mainly used when data does not fluctuate drastically)
- (e) The use of inverted trade data
(imports treated as partner exports and vice-versa)
- (f) Like-country comparison
- (g) Experience on the job, common sense, intuition and awareness of current energy events.



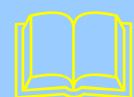
The database is updated on a continuous basis as new information and revisions are received.

ESCWA countries
replied to the 2002
Energy questionnaire:

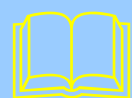
Egypt
Jordan
Kuwait
Qatar
UAE
Yemen



The database is used as the source for the following publications:



The Energy Statistics Yearbook (annual, latest edition: 1999) – the database is available on a CD platform after completing the database.



The Energy Balances and Electricity Profiles (biennial, latest edition: 1998).



The database also contributes information to the **UN Statistical Yearbook** and the **UN Monthly Bulletin of Statistics**.



**Energy and Industry
Statistics Section
United Nations Statistics Division**



<http://unstats.un.org/unsd/energy>