



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

**Overview of the United Nations  
Energy Statistics**

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**The United Nations Statistics Division (UNSD)**  
is engaged in the following activities in the area  
of energy statistics:

- Collection and dissemination of monthly and yearly energy data,
- Production of energy balances and electricity profiles,
- Developing methodology on energy statistics,
- Playing role in coordination of methodological work on energy statistics.



## United Nations Statistics Division (UNSD)

collects energy statistics from more than 190 countries and updates and maintains the Energy Statistics Database which contains comprehensive energy statistics on more than 215 countries, regions and 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.



## The questionnaire...

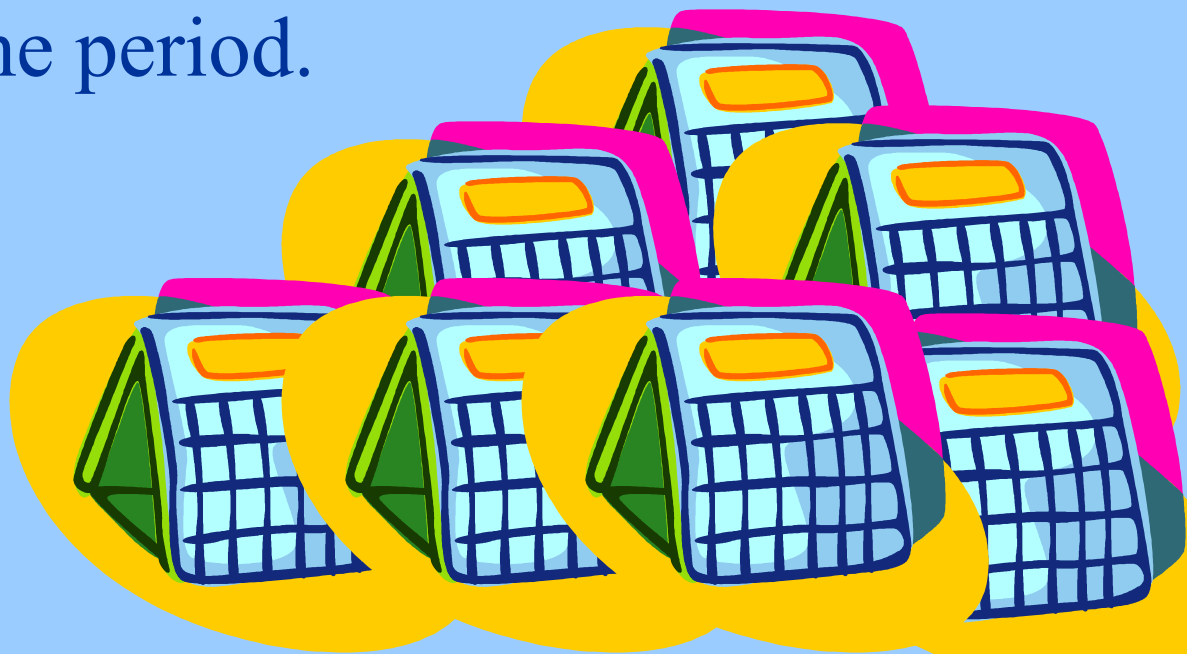
...is sent to national statistical offices, ministries of energy or other authorities responsible for energy statistics in a country for completion.

After receiving the completed **Energy Statistics Questionnaire** data are cross-checked, validated and then input to the Database. Countries, regions are monitored to gain data independent from the country submissions and also data sources are used to make estimates for the countries where data submission is not complete or missing at all.

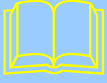


At the end of the data imputation the Energy Statistics Database is completed and ready for reproduction.


Currently the database covers the 1950 – 2001 time period.



## The main publications are published using data of the Energy Statistics Database:

 Energy Statistics Yearbook – annual publication (the dataset is available on CD platform and also by electronic format through e-mail)

 Energy Balances and Electricity Profiles – biennial publication

 Monthly Bulletin of Statistics – monthly publication of the Statistical Division but has data on selected energy products and flows



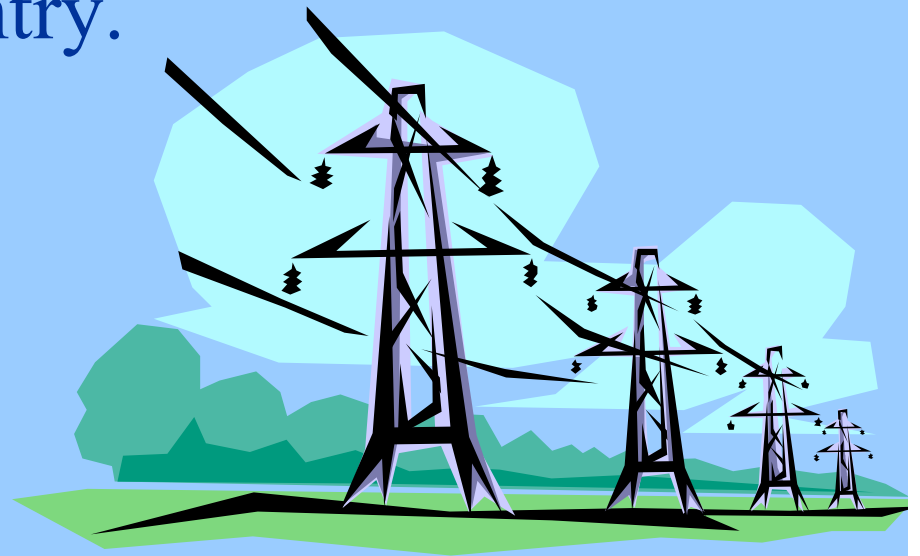
# The 'Energy Statistics Yearbook'

is a comprehensive collection of international energy statistics that provides a global framework of comparable data on long-term trends in the supply of mainly commercial primary and secondary forms of energy.



# The 'Energy Balances and Electricity Profiles'

Presents energy data for selected developing countries in a format showing an overall picture of energy production, conversion and consumption for fuels utilized in the country.



Coal, crude petroleum and electricity data are collected on a monthly basis and published in the 'Monthly Bulletin of Statistics'

The yearly production, trade and consumption of commercial energy data are published in the 'Statistical Yearbook'.



**UNSD** is one of the key players in the pilot project on “*Monthly Oil Statistics*” in close collaboration with five international agencies involved in oil statistics

- ✓ APEC, Asia Pacific Energy Research Center,
- ✓ EUROSTAT, Statistical Office of the European Commission,
- ✓ IEA/OECD, International Energy Agency,
- ✓ OLADE, Latin American Energy Organization,
- ✓ OPEC, Organization of Petroleum Exporting Countries

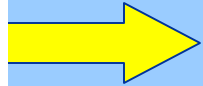
**UNSD** has an active role in the development of the project. The *project* aims to investigate the differences in definitions, unit of measurement used and methodologies.



**UNSD** is also involved in:

Organize regional seminars and workshops to help enhancing national statistical capacity building in energy statistics





**UNSD** is also involved in develop concepts and methods in the domain of energy statistics to ensure international comparability of energy data:

- Studies in Methods - Series F no. 29: Concepts and Methods in Energy Statistics, with Special Reference to Energy Accounts and Balances - A Technical Report (1982) (Sales no: E.82.XVII.13)
- Studies in Methods - Series F No. 44: Energy Statistics: Definitions, Units of Measure and Conversion Factors (1987) (Sales no. E.86.XVII.21)
- Studies in Methods - Series F No. 56: Energy Statistics: A Manual for Developing Countries (1991) (Sales No. E91.XVII.10)



- **UNSD** is playing an active role in international cooperation in the area of energy statistics with the following agencies:
  - IEA/OECD,
  - EUROSTAT,
  - OPEC,
  - World Energy Council,
  - APEC,
  - International Sugar Organization,

Other inter-governmental organizations (IGOs) and NGOs co-operates with the United Nations regional commissions:

- International Atomic Energy Agency (IAEA),
- Food and Agricultural Organization (FAO) and
- other specialized agencies



**Useful information on the web at:**

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

