



CBEEDAC CANADIAN ENERGY USE DATASET

Description of content

As part of its objective of improving accessibility and expanding knowledge of building energy end-use data, CBEEDAC has been collecting comprehensive data on energy consumption in Canada. The collection and archiving of the economic data series permit the study of energy consumption evolution and of the factors driving energy demand, and allow inter-provincial and international comparisons.

The database assembled by CBEEDAC researchers covers the period from **1958 to 2008** and provides information for **each province, the territories and for Canada** as a whole. The series contain yearly information on the consumption and prices of **electricity, natural gas, light fuel oil, heavy fuel oil, kerosene and wood**. Exclusive data on supplementary factors expected to influence the demand of energy, such as weather, population or the availability of particular energy sources, have also been included. Specifically, the dataset contains series for the following items:

- Quantities consumed
- Average prices (before and after-tax)
- Marginal prices (before and after-tax)
- Taxes
- Availability of natural gas (distribution pipelines)
- Population
- Weather conditions
- Economic variables (government expenditures, personal income, gross domestic product)

Quantities, prices and tax levels are detailed for each of the **residential, commercial and industrial sectors** and for each type of energy mentioned above. The other information is not sector specific.

Most of the data are obtained from Statistics Canada publications, the National Energy Board, Environment Canada or Canadian utility companies. Some of the series, such as the after-tax prices, have required extensive manipulation by CBEEDAC researchers to be assembled.

This dataset provides a base for current and future research projects initiated by CBEEDAC researchers and their partners. These series are not available for direct public use. However, CBEEDAC staff carries out specific requests from external organizations regarding information contained in, or using, this database.

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