

HC002: MAIN ENERGY SOURCE

Topic and detailed topic: New policy needs module / Household energy efficiency

Variable type: Ad hoc module

Unit: Household

Reference period: Current

Mode of collection: Household respondent or registers

In use (period): New, 2023

Series' differences: --

VALUES AND FORMAT

- 1 Electricity
- 2 Gas (natural or propane)
- 3 Oil
- 4 Biomass
- 5 Wood logs
- 6 Coal
- 7 Renewable energy
- 8 Other
- 99 Don't know

FLAGS

- 1 Collected via survey/interview
- 2 Collected from administrative data
- 3 Imputed
- 4 Not possible to establish a source
- 1 Missing
- 2 Not applicable (HC001 = 5)
- 7 Not applicable (not collected according to the implementation of the “multiannual rolling planning”)

DESCRIPTION

This variable identifies the main energy source used for heating the main dwelling. In multi-dwelling buildings, the heating system can be the same for all dwellings or differ between them. If more than one source of energy is used for heating, the main one should be selected. The main energy source should be the one that is mostly used and/or serves the biggest part of the dwelling in terms of floor area/surface.

Electricity includes air conditioners, fixed electric radiators or floor heating.

Gas includes heating using natural gas, propane, liquefied gas or butane. The heating could be distributed to the whole dwelling (e.g. a pipeline for gas) or not (e.g. stove with gas).

Oil as a source of heating includes oil heaters, oil-filled heaters, oil-filled radiators or column heaters.

Biomass includes pellet fuels (or pellets) that are compressed organic matter or biomass using wood or small woodchips, nutshells, corn kernels, etc.

Wood logs are large pieces of wood that could be used for heating. In this category, wood sawed into boards, planks, etc. can also be considered.

Coal includes heating using coal, lignite and the products of coal and lignite.

Renewable energy used for heating includes solar energy, wind energy, geothermal energy, heat pumps, etc.

The heating system used for dwellings other than the main one should not be considered.