

## HC003: RENOVATION (THERMAL INSULATION, WINDOWS OR HEATING SYSTEM)

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

**Variable type:** Ad hoc module

**Unit:** Household

**Reference period:** Last 5 years

**Mode of collection:** Household respondent

**In use (period):** New, 2023

**Series' differences:** --

### VALUES AND FORMAT

- 1 Yes – three or more measures
- 2 Yes – two measures
- 3 Yes – one measure
- 4 No
- 99 Don't know

### FLAGS

- 1 Filled
- 1 Missing
- 7 Not applicable (not collected according to the implementation of the “multiannual rolling planning”)

### DESCRIPTION

This variable identifies whether the dwelling<sup>70</sup> was renovated in the last 5 years to improve its energy efficiency (e.g. thermal insulation, windows or heating system replaced, etc.).

All renovations that have had an effect on the dwelling's thermal conditions should be considered and counted. For instance, even if only one window in the dwelling was replaced in the last 5 years, as opposed to all the windows, the information should still be accounted for this variable.

The following renovation measures should be included:

- improvement in thermal insulation of external walls, roof or floor;
- replacement of single glazed windows with double or triple glazed windows;
- replacement of the heating system with a more efficient one.

Relevant measures include renovations done either in the whole building or only in the dwelling; and renovations done or arranged by the household or by somebody else, e.g. the owner of the property.

Measures to be taken into account should not include minor renovation work that did not change the dwelling's condition or energy efficiency level.

**For buildings which are less than 5 years as well as all other buildings which for whatever reason have not gone through energy renovation, the answer modality '4-No' should be used.**

<sup>70</sup> A dwelling is a room or suite of rooms – including its accessories, lobbies and corridors – in a permanent building or a structurally separated part of a building which, by the way it has been built, rebuilt or converted, is designed for habitation by one private household all year round. A dwelling can be either a one-family dwelling in a stand-alone building or detached edifice, or an apartment in a block of flats. Dwellings include garages for residential use, even when apart from the habitation or belonging to different owners (Retrieved from <https://ec.europa.eu/eurostat/statistics-explained/index.php?title=Glossary:Dwelling>).