

Directorate General Strategy, People and Data

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CNMC Household Panel Microdata (CNMC- PH)

BELab user guide

Available data: 2019 – 2024

DOI: 10.48719/Belab.CNMC.PH1924_01

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1 Introduction

The CNMC Household Panel collects information from a representative sample of households and individuals residing in Spain (households and their members aged 10 or older). It is a rotating panel in which participating households and their members respond to questionnaires with questions about the sectors supervised by the CNMC.

Every six months, households answer a questionnaire on services and consumption of a collective nature (household questionnaire), and their members complete a questionnaire on services and consumption of an individual nature (individual questionnaire). The questionnaires combine regular questions with occasional questions.

For example, the different waves of the Household Panel include information on:

Energy markets:

- Household equipment (types and characteristics) and contracted services
- User satisfaction with services
- Knowledge of the sector
- Switching operators and offers, incidents, causes, and ease

Electronic communications markets:

- Household equipment (types and characteristics) and services
- User satisfaction with services
- Operator switching, incidents, causes, and ease

Audiovisual sector:

- Audiovisual consumption habits
- Questions related to child protection
- Number of hours spent using different platforms
- Online content
- RTVE

Digital services (Internet and e-commerce):

- Internet use
- Use of digital services
- Online shopping

Postal and parcel sector:

- Use and choice of postal services
- Satisfaction with postal services
- Parcel services

Transport:

- Frequency of use of different means of transport
- Passenger satisfaction with rail services

The CNMC publishes the indicators resulting from the Household Panel in open format on the CNMCDData portal (<http://data.cnmc.es/datagraph/index.jsp>).

2 Survey technical sheet

- **Survey method:** postal and online.
- **Population scope:** population residing in main family dwellings. Survey aimed at people aged 10 or older.
- **Geographical scope:** entire national territory, except Ceuta and Melilla.
- **Fieldwork periods:** second and fourth quarter of each year.
- **Sampling:** multi-stage, proportional to the size of the Autonomous Community, and stratified proportionally by population size, social class, and number of household members.
- **Sample size:** around 4,500 households and 8,500 individuals.

3 Description of the files for each wave

Each wave is composed of 6 files:

- Household questionnaire (PDF)
- Individual questionnaire (PDF)
- Household survey dataset (SPSS)
- Individual survey dataset (SPSS)
- Variable description file for the household survey (Excel)
- Variable description file for the individual survey (Excel)

4 Description of the dataset

Below are the characteristics of the available dataset

Identification codes	IDHOGAR (household ID) and IDIND (individual ID)
Time horizon	From the first half of 2019 to the first half of 2024
Data delivery frequency to BELab	Twice a year (March and September)
Update procedure	Each semester a new wave will be incorporated
Geographic coverage	Entire national territory except Ceuta and Melilla
Information format	SPSS format

5 Information citations

For any study or other document made available to the public containing information derived from the data provided, the researcher is required to adequately cite the data source as:

“Panel de Hogares CNMC. DOI: 10.48719/Belab.CNMC.PH1924_01”

6 Description of the variables

Below are the identification and sociodemographic variables included in the files. The description of the values each variable takes is included in the Excel files for each wave, along with the description of all variables. This information is also available in the datasets as metadata..

Variable name	Description
PONDHOG	Household universe weight
IDHOG	Household identifier
PONDIND	Individual universe weight
IDIND	Individual identifier
HABITAT	Size of the municipality of residence
CCAA	Autonomous Community
EDADHOG	Age of the household member who answers the household questionnaire
NINOS	Presence of children in the household
THOG	Number of household members
CLASE	Household social class
SEXO	Individual's sex
EDAD	Individual's age
ACTIVIDAD	Type of activity of the individual
ESTUDIOS	Individual's education level