

The microdata files (data matrices) for CIS surveys, together with the study documentation are downloaded in a compressed file (MDxxxx.zip), which will have to be decompressed.

This file contains the following documents, which are necessary to use the study:

- **Anonymised microdata file** (DAxxxx) In ASCII format. (*Read the 'Data file format' section*)
- **Questionnaire** (cuesxxxx). In .pdf format.
- **Technical log** (Ftxxxx). In .pdf format.
- **Code book** (codigoxxxx). In .pdf format.
- **Cards** (tarjetasxxxx). In .pdf format. (Only for surveys carried out by personal interview)
- **Syntax programme** for reading the microdata file in **SPSS** (ESxxxx). In ASCII format. (*Read the 'SPSS-syntax file format' section*)
- **Syntax programme** for reading the microdata file in **SAS** (Sasxxxx). In ASCII format. (*Read the 'SAS-syntax file format' section*)

When the study has several files of a kind (for example more than 1 questionnaire) all of them are included in the same compressed file. In turn, the microdata, depending on their size in bytes, may also be compressed.

In the event of any difficulties with the files or their content, please contact:

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## DATA FILE FORMAT

CIS data files are recorded in ASCII format (text format) and may be processed with any SPSS, SAS, etc. statistics program.

The aspect of a microdata file is that of a numbers matrix in which the rows or records correspond to the interviewed subjects and the columns to the variables. The columns occupied by each variable are specified in the questionnaire by a number between brackets to the right of the answer categories and in the code book.

Formerly, the number of columns in the matrix was restricted to 80 and, therefore, as many rows were used as were necessary to complete the information for each interviewed subject. Each line of 80 columns corresponds to a CARD (RECORD). Changeover from one card to another is indicated in the questionnaire. As from Study No. 2,083 (February 1994), CIS questionnaires ceased to be structured around cards and the information for each interviewed subject is recorded on a single line.

The microdata are anonymised to ensure the impossibility of identifying the interviewed subject. The variables that are affected in this process depend on the specific study, but in general they are: municipality, region, section, district and interviewer.

## **SPSS - SYNTAX FILE FORMAT**

The syntax file is presented in ASCII format but it has been designed to work with the SPSS statistics processing program. It contains the minimum instructions required to read the microdata correctly: the DATA LIST and WEIGHT when this is a required element of the survey. The weight coefficients are indicated in the technical log.

There are other SPSS instructions that are not included by default, such as the VARIABLE LABELS and VALUE LABELS, which are not always available or complete, and commands such as RECODE, MISSING VALUES, FREQUENCIES, etc.

For surveys carried out between 1992-1997, the syntax program was written in accordance with old versions of SPSS, specifically for UNIX, with processing that is a little different from that of the more modern versions. In these cases the instructions that appear above the DATA LIST should be eliminated or, at least, not executed, and the different instructions should be separated with a command end, which can be a full stop (.) or a blank line.

## **SAS - SYNTAX FILE FORMAT**

The syntax file is presented in ASCII format but it has been designed to work with the SAS statistics processing program.

It contains at least the strings necessary to read the microdata correctly. Others that appear in the program are the variable labels and the value labels.