

# Labour Force Survey

## Sample Design and Evaluation of Data Quality

Technical Report

Madrid, Abril 2021  
Sample Design Unit





































- Dwelling by size according to number of members (1, 2, 3, 4 and 5 or more) (\*)

In this way, the current estimates used in the LFS present a correct estimations of household totals by size, population totals by age and sex and the total of Spaniards and foreigners over 15 years by autonomous community as well as provincial totals by more aggregated age-sex groups.

In the autonomous cities of Ceuta and Melilla, given the sample size, auxiliary variables are grouped to allow the calibration process:

- Population by age group(0-14, 15-24, 25-34, 35-44, 45-54, 55-64, 65 and over) and sex considering Ceuta and Melilla jointly.
- Dwelling by size considering Ceuta and Melilla jointly: (1, 2, 3, 4 and 5 or more).
- Population aged 15 and over in Ceuta and Melilla, for each of them.
- Population aged 15 and over, by Spanish or foreign nationality considering Ceuta and Melilla jointly.

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## 5 Frame updates

Continuous population variations, either in their characteristics either in its spatial distribution, require updates in the sampling frame, that necessarily have repercussion in the sample structure.

The LFS considers four types of updates in the framework:

**Updates in the sample sections frame**, as a consequence of modifications (see section 5.1) caused by different incidents in the sections such as partitions, merges or variations of the limits of the selected sections. In each of these cases, it is necessary to determine the selection probability of the new sections, as well as the number of interviews to be performed on them.

**Updates in the dwelling frame**, updated Georeferenced Addresses Framework is available on an annual basis, which aims to incorporate all the changes produced in the dwellings of the national territory (changes in the postal address, registrations).

**Update the selection probabilities of the sections.** This update aims to ensure that the sample of sections is equal to a sample selected in the year of the update, removing the minimum number of section from the sample. It is performed every three years.

(\*) **Note:** *Until 2020, the term household is equivalent to dwelling, as all residents in the dwelling are considered members of the household. From 2021, with the entry into force of the new European regulations associated with the Framework Regulation on Social Statistics 2019/1700, in order to be part of the household, a common budget must be shared and it is possible that more than one household can be found in the same dwelling.*

















