
The editing and imputation process of the 2021 household and nuclei types reconstruction in Italy

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Abstract

Every ten years, according to European regulations, EU Member States must send to Eurostat information on the main characteristics of their resident population and their social and economic conditions. A multisource approach, based on a combination of administrative data, registers and surveys data, has been used to provide information on population and housing in Italy at 31st of December 2021, amounting to about 58 mln people residing in about 26 mln private households, as required by the EU regulation 2017/712.

One of the mandatory information to produce, at macro-micro level, is official statistics on households and their characteristics. The main problem to solve is the correct identification of household, which is a very complex aggregate to detect, validate and disseminate. The reconstruction of the household in its internal composition is possible through the correction of individual variables taking into account those of the other household members. Our goal is to provide an overview of the whole process to produce statistics on households and their characteristics, focusing on the revision of the overall Editing and Imputation system, involving innovative generalized solution and specific adaptations of the “Families Procedure” for the reconstruction of the household and nuclei types, usually used for social surveys.