

RESIDENCE TESTING USING REGISTERS – CONCEPTUAL AND METHODOLOGICAL PROBLEMS

Ene-Margit Tiit
Statistics Estonia and University of Tartu

Different registers are nowadays used more and more often in official statistics and research. Also register-based censuses that have since been a luxury for a few highly advanced countries will be organized in more countries.

That means some new conceptual problems, for instance – what is the population size of a country?

In general, since the population size has been calculated by census. If the census is over- or undercovered, must the population size of census be corrected?

What is the population size in the case of register-based population? If the population register is over- or undercovered, should the number be corrected?

In Estonia a set of administrative registers has been used for estimating the undercoverage of census 2011. Also it has been checked if the same methodology works for estimating the census population for register-based census in 2020.

The following task is to elaborate the registers-based algorithm for regular estimating the current population size for population statistics.