

## **THE FISHING MANAGEMENT FEE REGISTER AND THE POPULATION REGISTER AS SAMPLING FRAMES IN A FINNISH RECREATIONAL FISHING SURVEY**

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In 2012, there were about 1.5 million recreational fishermen (28 percent of the population) in about 850,000 household-dwellings in Finland. The total catch amounted to 24.5 million kg fish and 2.5 million pieces crayfish. About 3.5 million kg fish and one million crayfish were released alive.

Traditionally the statistics on recreational fishing has been compiled every second year using sampling surveys. The sample design has been stratified sampling. The sample has been drawn from the population register maintained by the Population Register Centre. The sample size has been 6,000 household-dwelling units.

With certain angling exceptions, fishing in Finland requires a payment of the fishing management fee. When studying recreational fishing in 2014, we were able to merge the fishing management fee register to the population register. In the sampling design household-dwellings, included into the fishing management fee register, formed one stratum.

From the survey data it is possible to study by strata the structure of the household-dwellings, using of different gear types, the catch estimates etc. This might give new opportunities to develop the sampling and the data collection methods to get more precise estimates.

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