

**Expert meeting on measuring poverty and inequality**

**29-30 November 2018, Vienna, Austria**

**Topic B. Improving response rate and sampling precision in surveys**

**Developments in weighting of EU-SILC data to improve the precision**

Mārtiņš Liberts, Central Statistical Bureau of Latvia

**Abstract**

The survey “European Union Statistics on Income and Living Conditions (EU-SILC)” has been conducted by the Central Statistical Bureau of Latvia since 2005. The survey is done as an annual dwelling probability sample survey where households and persons living in the sampled dwellings are observed. The weight calibration technique has been used for the calculation of survey weights since the beginning. The only source for the auxiliary information used for calibration is population statistics. However, there are other information sources available which could be used additionally for the calibration process. For example, information on annual income at individual level is available from the State Revenue Service. There is an ongoing project cared out at the Central Statistical Bureau of Latvia with an aim to study how registered income data could be used for the weighting. We hope to improve the precision of the EU-SILC results by using the register income data for the EU-SILC weighting. Some project results will be presented at the meeting.

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