

FAO's technical report: Using small area estimation for data disaggregation of SDG indicators

FAO has released the technical report "Using small area estimation for data disaggregation of SDG indicators".

This technical report presents a case study based on the use of a small area estimation (SAE) approach to produce disaggregated estimates of SDG Indicator 5.a.1 by sex and at granular sub-national level. In particular, after introducing the framework for using SAE techniques, the report discusses a possible model-based technique to integrate a household or agricultural survey measuring the indicator of interest with census microdata, in order to borrow strength from a more comprehensive data source and produce estimates of higher quality. The discussed estimation approach could also be extended or customized for the integration of survey data with alternative data sources, such as administrative records, and/or geospatial information, and for the disaggregation of other (SDG) indicators based on survey microdata.

Download the report at: <https://www.fao.org/documents/card/en/c/cb8998en>

The graphic features a red background. At the top left, a yellow button reads "DOWNLOAD NOW". Below it is a white rectangular area containing the report's cover image. The cover includes the FAO logo, the text "Using small area estimation for data disaggregation of SDG indicators", "Case study based on SDG Indicator 5.a.1", and a grid of 17 SDG icons. To the right of the cover is a large, colorful circular graphic composed of 17 segments, each representing an SDG. Below this circle, the text "New tool on small area estimation for SDG Indicator 5.a.1" is written in white. At the bottom left is the FAO logo and the text "Food and Agriculture Organization of the United Nations".

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Using small area estimation for data disaggregation of SDG indicators
Case study based on SDG Indicator 5.a.1

New tool on
**small area
estimation for
SDG Indicator
5.a.1**

Food and Agriculture Organization of the United Nations