

Monetary Poverty Measurement Training Workshop for ESS Staff (cont.)

Location: Addis Ababa, Ethiopia

Date: August 25 – 29, 2025

Introduction

This course's objective is to train colleagues from ESS, familiarize them with the process of constructing welfare aggregates, and prepare them for the upcoming NISH 2024 survey. Using data from Ethiopia's 2021 Household Survey (ETH2021), participants will gain hands-on experience in building a complete consumption aggregate and conducting poverty analysis in Stata.

The main reference for the course will be Giulia Mancini and Giovanni Vecchi's paper "*On the Construction of a Consumption Aggregate for Inequality and Poverty Analysis*." Most of the material will be drawn from this paper, complemented by additional topics such as robust approaches to aggregate construction and the derivation of a national poverty line. At times, the course will introduce methods that differ slightly from Mancini and Vecchi's framework—sometimes because alternative approaches are more practical in the Ethiopian context, and sometimes to encourage critical reflection and discussion.

Syllabus

Day 1 – August 25: Recap from Last Training

Time	Topic
Session 1	Recap from last training and refresher on key poverty measurement concepts, part 1
Session 2	Recap from last training and refresher on key poverty measurement concepts, part 2
Session 3	Data cleaning principles and restructuring survey microdata, part 1
Session 4	Exercise Day 1

Day 2 – August 26: Data Cleaning and Restructuring

Time	Topic
Session 1	1Recap from last training and refresher on key poverty measurement concepts, part 3
Session 2	Data cleaning principles and restructuring survey microdata, part 2
Session 3	Exercise Day 2
Session 4	ETH2021 survey review and comparison

Day 3 – August 27: Food Consumption Aggregate

Time	Topic
Session 1	Constructing food consumption aggregates Part 1
Session 2	Unit values, consistency checks, treatment of missing values, and outliers
Session 3	ETH2021 code review
Session 4	ETH2021 revision

Day 4 – August 28: Nonfood Consumption Aggregate

Time	Topic
Session 1	Nonfood – nondurable goods consumption aggregates
Session 2	Housing: rental value estimation and imputation approaches
Session 3	Durable goods: consumption flow estimation
Session 4	Exercise Day 4

Day 5 – August 29: Poverty Line and Deflators

Time	Topic
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Session 1	Welfare aggregation and poverty line construction
Session 2	Price indices and deflators (spatial and temporal)
Session 3	Deriving poverty and inequality statistics from welfare aggregates
Session 4	Wrap-up, Q&A, and discussion of next steps