



**Agenda for training course
"Poverty mapping: Concepts and application to Malawi"**

**IFPRI Office, Lilongwe, Malawi
24-28 February 2020**

Topic

Monday 24 February

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|-------|---|-------|---|
| 10:30 | - | 11:00 | Introduction and explanation of the training course |
| 11:00 | - | 13:00 | Overview of poverty mapping methods |
| 13:00 | - | 14:00 | Lunch |
| 14:00 | - | 15:15 | Stage 0: 2018 Population and Housing Census |
| 15:15 | - | 15:45 | Tea break |
| 15:45 | - | 17:00 | Stage 0: Integrated Household Survey (IHS4) |

Tuesday 25 February

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|-------|---|-------|---|
| 8:00 | - | 8:30 | Review of Day 1 |
| 8:30 | - | 10:30 | Exercise: Matching and validating indicator variables |
| 10:30 | - | 11:00 | Coffee break |
| 11:00 | - | 13:00 | Stage 1: Regression analysis |
| 13:00 | - | 14:00 | Lunch |
| 14:00 | - | 15:15 | Selecting indicator variables and domains |
| 15:15 | - | 15:45 | Tea break |
| 15:45 | - | 17:00 | Exercise: Running and selecting among Stage 1 models |
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Topic

Wednesday 26 February

Review of Day 2

- 8:30 - 10:00 Introduction to SAE: Importing data and estimating Stage 1 model
- 10:00 - 10:30 Coffee
- 10:30 - 12:30 Introduction to SAE: Continued
- 12:30 - 14:00 Lunch and IFPRI Research Seminar
- 14:00 - 15:15 Stage 2: Applying regression coefficients to Census data
- 15:15 - 15:45 Tea break
- 15:45 - 17:00 Stage 2: Converting from expenditure estimate to poverty estimates

Thursday 27 February

- 8:00 - 8:30 Review of Day 3
- 8:30 - 10:30 Using SAE to estimate poverty rates
- 10:30 - 11:00 Coffee break
- 11:00 - 13:00 Using SAE to estimate confidence intervals
- 13:00 - 14:00 Lunch
- 14:00 - 15:15 Exercises: Generating poverty estimates with SAE
- 15:15 - 15:45 Tea break
- 15:45 - 17:00 Exercises: Generating poverty estimates with SAE
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Topic

Friday 28 February 2020

- 8:00 - 8:30 Review of Day 4
- 8:30 - 10:00 Additional output from SAE: Other measures of poverty and inequality
- 10:00 - 10:30 Coffee break
- 10:30 - 12:00 Other applications of small-area estimation
- 12:00 - 13:00 Final review and discussion
- 13:00 - 14:00 Lunch

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