# Child Wellbeing Survey in Ethiopia 2014

## *Brief Status Report*

**Istanbul**
**24-25  April 2014**

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**ACPF**

**Activities Prior to Survey Implementation**

**Activities During and After the Data Collection**

# Activities Prior to the Survey Implementation

## Preparation

### Translation and piloting

- ✓ The three sets of questionnaires were initially developed in English and **translated** into Amharic for data collection

- ✓ Amharic questionnaires were piloted and revisions were made especially on the wording of the questions

### Back translation

- ✓ Questionnaires again **translated back** into English to check consistency

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- Survey Methodology

  - ✓ Probability sampling method was adopted for the survey

  - ✓ involved a three-stage sampling

    - ➢ 1st stage, 50 districts randomly selected across the country using probability proportional to size (PPS)

    - ➢ 2nd stage, two schools randomly selected from each District (totalled 100 schools from the 50 Districts)

    - ➢ The 3rd stage of sampling involved systematic random selection of children from each of the three categories of grades.
      - School rosters used for the selection
      - A sample of 10 students from each grade
      - Gender balance has been considered & equal number of boys and girls included

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# Activities Prior to the Survey Implementation

## Number of districts, primary schools and enrolled students by region

| Region/Stratum | Number of districts | Total number of primary schools | Enrolled students | | | Number of Sample districts distributed based on student size | Number of sample schools covered |
|---|---|---|---|---|---|---|---|
| | | | Male | Female | Total | | |
| Addis Ababa | 20 | 515 | 166,598 | 193,633 | 360,231 | 1 | 2 |
| Afar | 31 | 218 | 38,584 | 31,062 | 69,646 | 1 | 2 |
| Amhara | 152 | 4,005 | 1,584,400 | 1,599,258 | 3,183,658 | 12 | 24 |
| Benshangul-Gumuz | 21 | 248 | 74,908 | 58,039 | 132,947 | 1 | 2 |
| Dire Dawa | 1 | 80 | 30,163 | 26,525 | 56,688 | 1 | 2 |
| Gambella | 14 | 129 | 36,980 | 29,698 | 66,678 | 1 | 2 |
| Harari | 9 | 40 | 15,093 | 12,890 | 27,983 | 1 | 2 |
| Oromiya | 300 | 6,362 | 2,509,488 | 2,257,180 | 4,766,668 | 17 | 34 |
| SNNP | 158 | 2,313 | 1,366,881 | 1,237,802 | 2,604,683 | 10 | 20 |
| Somali | 59 | 372 | 156,832 | 113,778 | 270,610 | 1 | 2 |
| Tigray | 49 | 1,260 | 419,805 | 427,028 | 846,833 | 4 | 8 |
| All | 814 | 15,542 | 6,399,732 | 5,986,893 | 12,386,625 | 50 | 100* |

**Based on data from the Ministry of Education**

\* **32 schools are from urban areas**
**68 schools are from rural areas**

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## Geographic distribution of sample schools across regions
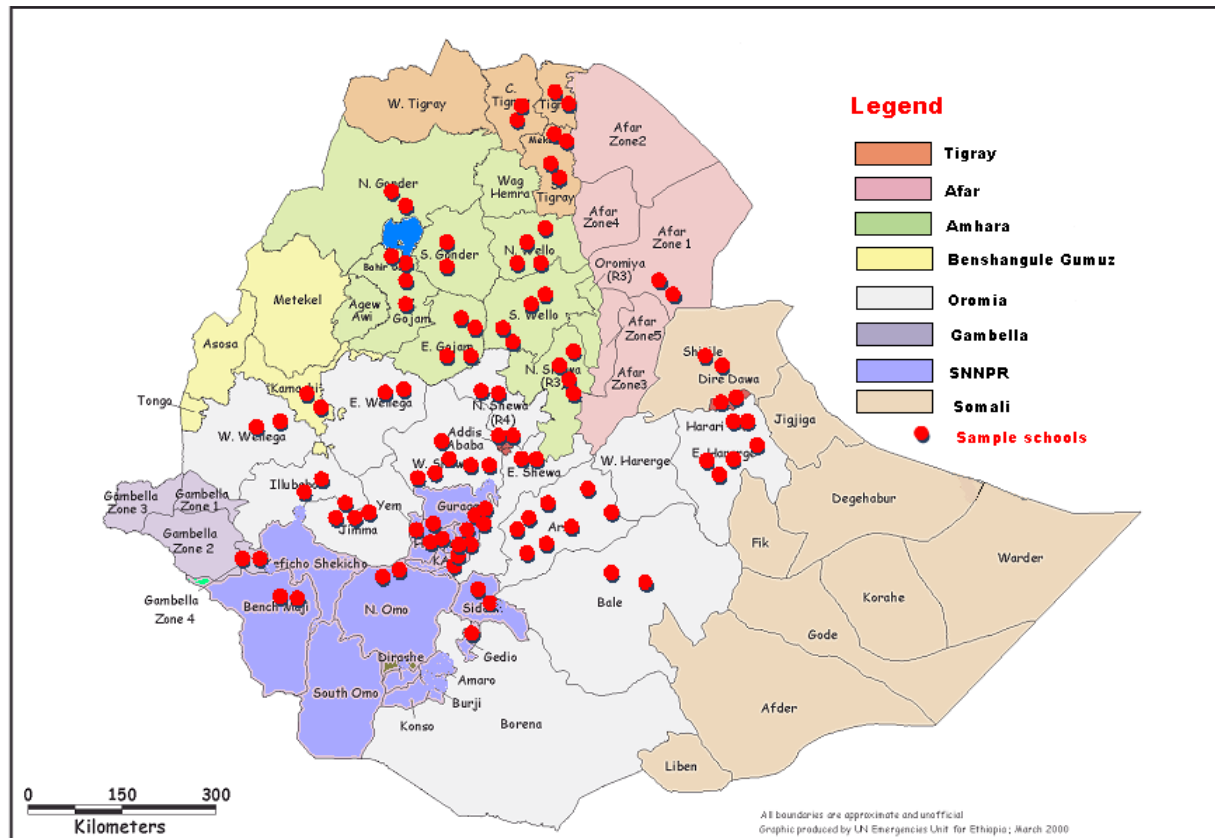
# Activities Prior to the Survey Implementation



## Training and Deployment

✓ Recruitment of the field staff was made by ACPF

✓ The survey coordinator and all the interviewers were professionals with extensive experience in data collection such as DHS and other household surveys

✓ A two and half days training was organised

✓ A total of 34 field staff (including one coordinator and three reserves) participated in the training

✓ The training was facilitated by a team of researchers from ACPF

✓ The classroom training was also supported by practical sessions (trainees interview each other) to gain familiarity with the questions



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# Activities Prior to the Survey Implementation

- ✓ After the conduct of the training, 17 teams were formed (composed of one to three data collectors)
- ✓ Four vehicles were made available for the deployment
- ✓ Public transport was also used for deployment





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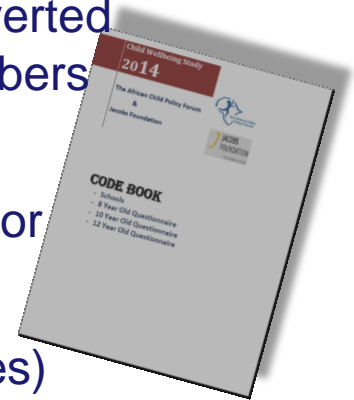
# Activities During and After Data Collection

## Fieldwork

✓ Information about the survey districts and schools gathered before the field work

✓ The information obtained helped a lot to facilitate the data collection

✓ The fieldwork commenced on the 10th of February 2014 and completed on the 2nd of March 2014

✓ Field spot checking was done by the researchers from ACPF and survey coordinator to ensure the quality of the data



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## Data Coding

✓ Coding is the process by which verbal data are converted into variables and categories of variables using numbers

✓ A **Codebook** that includes the **list of schools** with respective codes, **answer options** and their codes for each of the questions

✓ Six of the data collectors (two females and four males) were identified and conducted the coding

✓ The average performing rate was 45-50 questionnaires per person per day

✓ The research team at ACPF randomly checked some of the coded questionnaires to ensure the quality of the work

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# Activities During and After Data Collection

## Data Entry

✓ Data entry template was prepared using CSPro (Census and Survey Processing System)

✓ The software was developed jointly by the U.S. Census Bureau and Macro International, with main funding from the US AID

✓ CSPro provides a useful **Export** feature that transfers the data a variety of statistical packages such as STATA, SPSS and SAS

✓ The data entry was carried out by three experienced data entry operators

✓ Using the feature we generated the syntax that contain the instructions for reading the data and for labelling the variables and run to convert the data to SPSS format
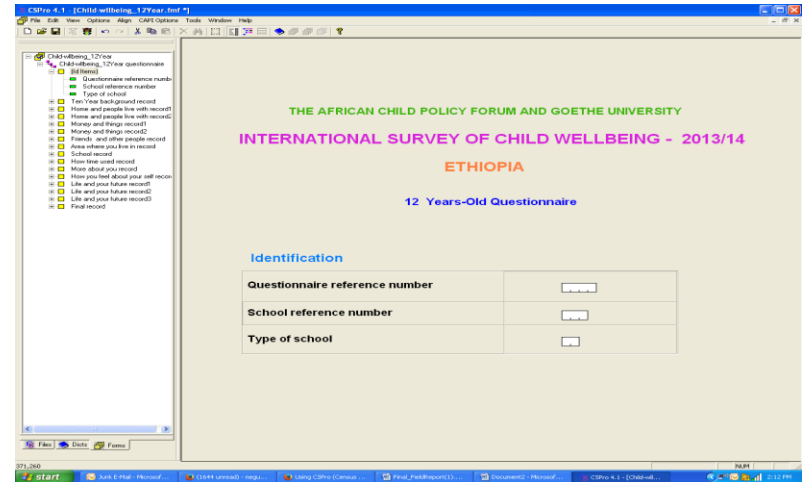
# Challenges

- It was challenging to obtain a cooperation letter and ethical clearance from the relevant government offices which delayed the commencement of the survey to some extent

- Identifying experienced data collectors who were willing to stay about a month in the field was difficult and it took longer time than expected

- The questionnaires were prepared in Amharic language and in some regions (where other local languages are spoken) students were not able to comprehend and facilitators/interviewers needed to translate into local languages ( and in some cases hired translators)

# Challenges

- Some of sample schools in rural areas were not easily accessible and  data collectors were obliged to travel long distances

- Cell phone reception was poor and/or non-existent in some areas that made the communication between teams and survey coordinator difficult

- The questionnaires were a bit long and students have shown a sign of exhaustion/fatigue

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# Conclusion

- 100 schools and a total of 3000 questionnaires were completed successfully (That is, the response rate was 100%)

- All the data entered into computer, converted to SPSS format, and shared with the coordinator of the international survey and other relevant persons

- We have received some queries from Gwyther and we are organizing the responses to these queries

# Conclusion

## Distribution of school children as covered by the survey

| Region/Stratum | 12 years Quest. | | | 10 years Quest. | | | 8 years Quest. | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | Boys | Girls | Total | Boys | Girls | Total | Boys | Girls | Not stated | Total |
| Addis Ababa | 11 | 9 | 20 | 10 | 10 | 20 | 11 | 9 | | 20 |
| Afar | 10 | 10 | 20 | 10 | 10 | 20 | 10 | 10 | | 20 |
| Amhara | 122 | 118 | 240 | 119 | 121 | 240 | 119 | 121 | | 240 |
| Benshangule-Gumuz | 10 | 10 | 20 | 10 | 10 | 20 | 10 | 9 | 1 | 20 |
| Harari | 10 | 10 | 20 | 10 | 10 | 20 | 10 | 10 | | 20 |
| Gambella | 10 | 10 | 20 | 10 | 10 | 20 | 9 | 11 | | 20 |
| Dire Dawa | 10 | 10 | 20 | 10 | 10 | 20 | 10 | 10 | | 20 |
| Oromiya | 172 | 168 | 340 | 171 | 169 | 340 | 171 | 168 | 1 | 340 |
| Southern Nations and Nationalities Peoples (SNNP) | 101 | 99 | 200 | 101 | 99 | 200 | 100 | 99 | 1 | 200 |
| Somali | 10 | 10 | 20 | 10 | 10 | 20 | 10 | 10 | | 20 |
| Tigray | 40 | 40 | 80 | 40 | 40 | 80 | 40 | 40 | | 80 |
| Total | 506 | 494 | 1000 | 501 | 499 | 1000 | 500 | 497 | 3 | 1000 |

Source: Survey data

# Conclusion

- The field staff have made their utmost efforts for the success of the survey

- The cooperation government offices local leaders, teachers and students was enormous





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# The way forward

- Decision on the content of country report including tabulations

- Timeline for the country report

- Dissemination strategies

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Thank you!

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