

User notes for PMA2017/Burkina Faso Nutrition Round 1 Household and Female survey, version 4

Disclaimer: PMA2020 cannot provide in-depth support for data analysis or data related questions, however, to assist the end-user, some explanation of the data is provided below.

Variables

Select multiple variables: Some questions allow for the selection of multiple answers. These variables are in string format and the values are the concatenation of answer choices (e.g. if a household respondent said that they use two sources of water, such as a protected well and rainwater, the value of the observation would read “protected_well rainwater”). For every string select multiple variable, binary numeric yes/no variables for each response option were generated (e.g. the aforementioned respondent would have “yes” values for the generated variables protected_dug_well and rainwater and “no” values for generated variables for other water sources).

Dropped variables: Some variables were dropped from the dataset due to incorrect skip patterns or choice options in the questionnaire. In Burkina Faso Round 1 the following variables were dropped: ner_extra_food and ne_extra_food.

Sampling

The PMA2020/Burkina Faso Nutrition Round 1 survey used a two-stage stratified cluster design with urban-rural as strata. A sample of 83 enumeration areas (EAs) was drawn from the l’Institut National de la Statistique et de la Démographie (INSD) master sampling frame. In each EA, 89 households were randomly selected. Occupants in selected households were enumerated using the household roster section of the household questionnaire. In eligible households, defined as a household with both a child under two and a female age 10-49, the rest of the household questionnaire was administered. In these eligible households, all women age 10-49 were contacted and consented for the female questionnaire interview.

Data collection was conducted between June and September 2017.

Dataset structure

As explained above, two questionnaires were administered during this survey. The household questionnaire collected information about household occupants, and for eligible households (i.e. a household with both a child under two and a female age 10-49), about household characteristics including assets, water, sanitation, and hygiene, and food security. The female questionnaire included questions about the female respondent and all children under 5 years she cares for. The female questionnaire included questions pertaining to:

- The woman age 10-49 in the household who responded to this questionnaire, including:
 - The respondent’s current pregnancy. These variable names begin with “ac_”.

- The respondent's most recent pregnancy completed in the last 24 months. These variable names begin with "ar_".
- The respondent's nutritional status and diet. These variable names begin with "nh_".
- The youngest child under 2 years old the respondent cares for (biological or non-biological). These variable names begin with "ny_".
- The youngest child between 2 and 5 years old the respondent cares for (biological or non-biological). These variable names begin with "ner_".
- All other children between 2 and 5 years old the respondent cares for who were not previously discussed in the survey (biological or non-biological). These variable names begin with "ne_".

For example, if a woman cares for a newborn, a 2 year old, a 3 year old, and a 4 year old, the survey would ask her about her birth history, her most recent pregnancy (variables beginning in ar_), the newborn (variables beginning in ny_), the 2 year old (variables beginning in ner_), and the 3 year old and the 4 year old (variables beginning in ne_). Each child is a separate row in the dataset (i.e. children from the same household are not found in the same row of data).

The folder of materials for this study includes three datasets:

- The Household dataset: each observation is a member of the household. The dataset includes variables from the household questionnaire about household characteristics and members of the household from the household roster section of the questionnaire.
- The Female dataset: each observation is a member of a household who is female and age 10-49 years. The dataset includes variables from the female questionnaire that are about the woman: her birth history, her current pregnancy if she is pregnant, her most recent pregnancy if the pregnancy was within the last two years, and her nutritional status and diet.
- The Child dataset: each observation is one child and includes variables on the nutritional status of that child. Each child is a separate row in the dataset (i.e. children from the same household are not found in the same row of data).

Datasets from this study can be merged using FQmetainstanceID. Merge the Female dataset to the Household dataset using FQmetainstanceID. Merge the Child dataset to the Female dataset using FQmetainstanceID. Note that if the Female dataset and Child dataset are merged together, the female respondent will be repeated in the merged dataset.

Sample size

The final sample included 7,146 households that completed a household roster (98.2% response rate), of which 2,311 were eligible to participate in the study and completed the rest of the household survey (32.3% eligible rate). The final sample also included 4,470 complete female surveys (97.7% response rate) including:

- 120 currently pregnant women

- 2,404 recently pregnant women (pregnant within the past 24 months; note: some women may have been currently pregnant and pregnant in the past 24 months)
- 838 females 10-14 years old
- 718 females 15-19 years old
- 2,914 females 20-49 years old

Female respondents who completed the female survey provided information on the following number of children:

- 2,423 children 0-23 months old
- 1,368 children 24-59 months old.

Dataset version updates

Any updates made to datasets after their initial release will be documented here.

In December 2018, version 2 of the dataset was released. Version updates are as follows:

- The variable **FQmetainstanceID** was added to the Household dataset.
- Duplicate female observations were removed from the Household dataset.

In April 2019, version 3 of the dataset was released. Version updates are as follows:

- The variables **ner_extra_food** and **ne_extra_food** were added to the dataset. These variables were mistakenly dropped from previous versions of the dataset. Binary yes/no variables for each response option for these two select multiple variables were also added to the dataset: **ner_extra_food_peanut, ner_extra_food_cornsoy, ner_extra_food_basket, ner_extra_food_other, ne_extra_food_peanut, ne_extra_food_cornsoy, ne_extra_food_basket, ne_extra_food_other**.

In May 2019, version 4 of the dataset was released including the English versions of the questionnaires.

To report errors or inconsistencies:

Please email datamanagement@pma2020.org