User notes for PMA2018/Burkina Faso Nutrition Round 2 Household, Female, and Child survey, version 3

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).

Unprompted and prompted questions: Several select multiple questions were first asked unprompted and then prompted with each response option. These unprompted and prompted variables have the same name, except the prompted variable includes a "2" at the end of the name.

Sampling

The PMA2020/Burkina Faso Nutrition Round 2 survey used a two-stage cluster design with urban-rural 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, 43 households were randomly selected. Occupants in selected households were enumerated using the household roster section of the household questionnaire. In selected households, a female-child questionnaire was administered for each child under five years of age. A female-child questionnaire was also administered for each woman 10 to 49 years of age in a random 45% of households. Data collection was conducted between June and July 2018.

Dataset structure

As explained above, two questionnaires were administered during this survey. The household questionnaire collected information about household occupants and household characteristics including assets, water, sanitation, and hygiene, and food security. Each row in the dataset represents a household member from the household roster. The female-child questionnaire provides additional variables for all household members who are children under five years of age and for household members who are females 10 to 49 years of age

for 45% of households. Variable names for questions from the female-child questionnaire are as follows:
- Variables about a female respondent's most recent pregnancy completed in the last 24 months begin with "**ar_".**
- Variables about a female respondent's nutritional status and diet begin with "**nh_**".
- Variables relevant only for children under the age of 2 begin with "**t_**"
- Variables relevant for children under the age of 5 begin with "**f_**"
- Variables relevant for children between 2 and 5 with "**tf_**"

Sample size

The final sample included 3,467 complete household surveys (97.1% response rate) and 5,264 complete female-child surveys (98.9% response rate) including:
- 2,411 females 10 to 49 years of age
- 2,853 children below 5 years of age

Dataset version updates

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

In April 2019, version 2 of this dataset was released. Updates from the previous version are as follows:
- Binary numeric yes/no variables generated from select multiple variables were corrected. In the previous version of the dataset, some observations with a "not applicable," "don't know," or "know response" value for a select multiple variable had a missing value for the generated binary yes/no variables. In this version, the value for the generated binary yes/no variables have been changed to "0. no" if the corresponding select multiple variable for the observation had any non-missing value.

In May 2019, version 3 of this dataset was released after addressing corrupt file issues.

To report errors or inconsistencies:

Please email datamanagement@pma2020.org