Subject: Selection process of children for bio-maker testing in BDHS 2011
Posted by shopnobaz on Mon, 21 Sep 2015 14:12:11 GMT
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In BDHS 2011, a first selection of 18,000 households (600 clusters with a mean of 30 households per cluster), corresponding to an unknown number of children, they arrive at a final number of 2,353 children studied in Table 11.7 Prevalence of anemia in children. What is the actual process of selecting those 2,353 children aged 6-59 months from 18,000 households? Selection process is not clear in the BDHS 2011 report. Could anybody explain procedure?

Thanks for your time.

Subject: Re: Selection process of children for bio-maker testing in BDHS 2011
Posted by Liz-DHS on Mon, 21 Sep 2015 18:30:05 GMT
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Dear User,
Here is a response from one of our data processing experts, Mr. Noureddine Abderrahim,
Quote:The final report of the BDHS 2011 explains the selection of the biomarkers subsample in page 5:

               In addition, in a subsample of one-third of the households, all ever-married men age 15-54 were selected and interviewed for the male survey. In this subsample, a group of eligible members were selected to participate in testing of the biomarker component, including blood
pressure measurements, anemia, blood glucose testing, and height and weight measurements. Table 1.2
shows which household members were eligible for which biomarker testing.

The subsamples selected for the biomarkers are detailed in the following table of page 6 of the same final report:

Table 1.2 Eligibility for anthropometric measurements and biomarker testing, 2011 Bangladesh DHS

If this does not answer your query, please post again.
Thank you!

Subject: Re: Selection process of children for bio-maker testing in BDHS 2011
Posted by shopnobaz on Tue, 22 Sep 2015 00:03:11 GMT
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I have read this in report but still now I have some confusion.

Firstly, in page 5 "With this design, the survey selected 18,000 residential households, which were expected to result in completed interviews with about 18,000 ever-married women (see Appendix A for the details of the sample design). In addition, in a subsample of one-third of the households, all ever married men age 15-54 were selected and interviewed for the male survey."

That means total number of household for men survey was 18000/3=6000 approximately. Is it correct?

Moreover, in page number 178 "Hemoglobin testing was carried out among children age 6-59 months in every third household in the BDHS sample, i.e., those households that were selected for interviews with ever-married men. Hemoglobin levels were successfully measured for 92 percent of the children eligible for the testing."

That means total number of household for hemoglobin test of children was 6000/3=2000 approximately. Is it correct?

In this household 2000 household they completed 2353 (page number 179, table 11.7) hemoglobin testing of 6-59 months aged children?

Thanks for your time.

Subject: Re: Selection process of children for bio-maker testing in BDHS 2011
Posted by Liz-DHS on Tue, 22 Sep 2015 16:36:56 GMT
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Dear User,
Here is additional information from data processing expert, Mr. Noureddine Abderrahim,
Quote:Third of 18000 households is about 6000 households. The number of women in these 18,000 households will depend on the average women per household. The same goes for the number of men per household. The number of children 6-59 is not 6000/3 it is the number of children 6-59 in the third of the households in the survey. You probably need to check the table 2.7 in the final report to get an idea of the number of children in the households surveyed. Thank you. If still not clear, please post again.