Subject: Calculate Prevalence of Anemia in BDHS 2011
Posted by shopnobaz on Wed, 25 Mar 2015 09:50:10 GMT
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I am working on children health status and I am using BDHS 2011 data set. I want to reproduce Table 11.7 in BDHS 2011 report. The HW57 variable in BDKR51FL file gives the observation for anemia 2283, but in report total observation is 2353! Why this difference is happening? Could anybody help me to explain the reason behind this as well as SPSS/STATA code to reproduce this? Here I have attached the table.

File Attachments
1) Anemia_BDHS2011.png, downloaded 839 times

Subject: Re: Calculate Prevalence of Anemia in BDHS 2011
Posted by Liz-DHS on Thu, 02 Apr 2015 01:57:47 GMT
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Dear User,
Your post has been referred to one of our experts. We will post as soon as we have a response.
Thank you!

Subject: Re: Calculate Prevalence of Anemia in BDHS 2011
Posted by Trevor-DHS on Thu, 02 Apr 2015 15:11:41 GMT
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This table is calculated with all de facto children in the household, not just children of interviewed women, so it needs to be tabulated from the person's recode file as follows:

use "BDPR61FL.DTA"
recode hc56 (0/69=3 "Severe anemia")(70/99=2 "Moderate anemia")(100/109=1 "Mild anemia")(110/250=0 "Not anemic")(999=.), g(anemiac)
tab anemiac if hc1 >= 6 & hc1 <= 59 & hv103==1 [iw=hv005/1000000]

Subject: Re: Calculate Prevalence of Anemia in BDHS 2011
Posted by krritter on Fri, 23 Jun 2017 19:16:36 GMT
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Does DHS have a bottom score on hemoglobin? For example, if a child had a hemoglobin level of 1.2 g/dl, would DHS call this invalid? I'm seeing all sorts of low values across countries (even a few that are zero or negative - madagascar).
Thanks,
Karen

Subject: Re: Calculate Prevalence of Anemia in BDHS 2011
Posted by Liz-DHS on Thu, 29 Jun 2017 03:26:31 GMT
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Dear User,
Here is a portion from the Editing Manual for one of our DHS surveys. Corrections are only made if there is evidence a transcription error occurred and a paper questionnaire exists so one can check. This might help. If you still have questions, please feel free to post again.

Quote:

The HemoCue machine used to determine hemoglobin levels has a linear range of values that goes from 0 to 25.6 g/dL. Hemoglobin levels below 2.0 or above 25.6 are not possible for living human beings. If there is evidence of a transcription error (for example, a value of 6.0 was recorded as 60.0 or a value of 13.5 was recorded as 31.5), make the appropriate correction. If there is no evidence of a transcription error and the values were entered correctly, leave the data as it is. Hemoglobin levels outside of those ranges will not be taken into consideration to determine anemia levels at the time of data analysis.

Thank you!

Subject: Re: Calculate Prevalence of Anemia in BDHS 2011
Posted by umeshg on Thu, 26 Apr 2018 16:03:33 GMT
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Hi Trevor,
In table 11.7 (Prevalence of anemia in children), 2011 NDHS report, the denomerator is 2198 children. The number I got is 2207. I crosschecked it many times, its not matching at all. Can you help me out?