
Subject: Computing the number of U5 children by age classes in Burundi

Posted by [Kwizera136](#) on Sun, 06 Mar 2016 13:24:20 GMT

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Dear DHS users,

I'm using 2010 Burundi DHS data and I'm interested in malaria.

In the DHS database (children recode), there are missing values for the child's age (HW1, in the households) in months. After weighting cases, I found 4282 children with missing values for age in months. The DHS report (page 153) shows, however, that all the 7418 children have their age in months.

I used also the variable HC1 (for interviewed women) and I found that only 3873 children have their age in months.

How can I get the correct numbers of children in age classes as found in the DHS report? What is the variable age used?

Thank you.

Subject: Re: Computing the number of U5 children by age classes in Burundi

Posted by [Liz-DHS](#) on Fri, 25 Mar 2016 00:32:38 GMT

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A response from one of our technical experts, Cameron Taylor:

Quote:

Dear user,

Great question! The age variables are always tricky with DHS data. The variable Hw1 in the kids recode (KR file) is the variable that responds to the ages of the kids that were measured for height and weight as part of the household questionnaire. The abbreviation hw is short hand for height and weight. So that variable is corresponding to the ages of children who were weighed and measured, which is not every child in the survey.

If you are in the KR file and wanting to produce the indicator "Pourcentage ayant eu de la fièvre au cours des deux semaines ayant précédé l'enquête" you don't have to specify the age of the children since data in the children's recode is only children under five years of age of interviewed mothers. However, it is always good to include an age restricting variable just in case. In this example the variable agemonth is calculated by subtracting the child's age from the date of the interview.

You can use the code below to replicate the indicator on page 153

*Open Dataset

use "BUKR61FL.DTA", clear

*Generate the weight variable

gen wt= v005/1000000

*Mother reported fever in child during 2 weeks preceding the survey
g fever=(h22==1)

*Create age in months variable
g agemonth=.
replace agemonth=v008-b3

*Percentage who had fever in the two weeks preceding the survey
tab fever if b5==1 & agemonth<60 [iweight=wt]

*Percentage who had fever in the two weeks preceding the survey
tab fever if b5==1 [iweight=wt]