
Subject: caseid in KR file for Nigeria 2018
Posted by [fabpra](#) on Mon, 05 Oct 2020 14:11:30 GMT
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Dear DHS Program team,

I am struggling with the 2018 Nigeria KR file. I thought I had understood from the guide to DHS statistics that in the KR file, the child is the unit of observation and therefore a caseid is assigned to each single child. Now I realized that the caseid seems to be on the children's mothers.

I checked by sorting the Stata file by v001 v002 v003 - children of the same mother have the same caseid in this dataset.

Where is the error in my reasoning? Thank you in advance for your help.

Best,
Fabienne

Subject: Re: caseid in KR file for Nigeria 2018
Posted by [Bridgette-DHS](#) on Thu, 08 Oct 2020 11:00:50 GMT
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Following is a response from DHS Research & Data Analysis Director, Tom Pullum:

The full id for a child depends on what you want to do with it. If you want to merge with the PR file, the id is v001 v002 v003 b16 (b16 is the line number in the household file, but not all children are in the household survey). Otherwise, the id is v001 v002 v003 bidx (bidx is the sequence number in the birth history, with bidx=1 for the most recent birth; every child has a unique value of bidx for the mother whose id is v001 v002 v003).

Subject: Re: caseid in KR file for Nigeria 2018
Posted by [Alanood](#) on Tue, 28 Feb 2023 08:02:42 GMT
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Hi

I am wondering if the KR file include only one child of each household, why when i checked the caseid and bidx i found there are two children from the same mother.

should i exclude the other child from the same household. ?

the reason for my concern because this women who is unemployed if she is entered the survey twice the number of unemployed mothers will increase, and this will not shows the real situation of

the rate of unemployed women in the country.

I'm studying the impact of maternal employment on child health , Egypt.

Subject: Re: caseid in KR file for Nigeria 2018

Posted by [Bridgette-DHS](#) on Wed, 01 Mar 2023 16:05:03 GMT

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Following is a response from Senior DHS staff member, Tom Pullum:

A household will often contain more than one child under 5. They could be children of the same mother, in which case v001 v002 and v003 will be the same, or they could be children of different mothers, in which case v001 v002 will be the same but they will have different values of v003 (the mother's line number in the household). It would be possible for two children in the same household to have the same values of v001 v002 and bidx (for example, bidx=1), but if that happens they will have different values of v003. The full unique identifier for children in the KR file is v001 v002 v003 bidx.

You have to decide whether mothers, or children are the units of analysis. I think you may be unsure about that. That's up to you to decide.
