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Subject: Merging Children and household Colombia 2010

Posted by [Nathalie](#) on Wed, 08 Mar 2017 21:36:09 GMT

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I am using Colombia 2010 DHS to analyse the association between the child health and the mother security system (variable SH38), household assets, maternal characteristics.

An important variable for me is Sh38 (health security system) in PR file

In want to know the health security system for the mother (and the children if possible)

I am merging BRfile and PRfile in STATA like this:

1) PRfile: rename hv001 v001, hv002 v002, rename hvidx v003; sort v001 v002 v003; save PR\_using

2) BRfile: merge m:m v001 v002 v003 using PR\_using

Is this correct?

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Subject: Re: Merging Children and household Colombia 2010

Posted by [Liz-DHS](#) on Thu, 09 Mar 2017 00:59:48 GMT

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A response from data processing expert, Guillermo Rojas:

Quote:

This has to be done in several steps:

- Merge persons file (PR) to women file (IR) to get SH38 into woman's file
    - o PR: HV001, HV002, HIDX
    - o IR: V001, V002, V003
    - o Output to TEMP1
  - Merge persons file (PR) to children file (BR) to get SH38 into child's file. Not all children are household members
    - o PR: HV001, HV002, HIDX
    - o BR: V001, V002, B16
    - o Output to TEMP2
  - Merge mother's file to children file. One woman can have several children, but all children should have a mother
    - o TEMP1: V001, V002, V003
    - o TEMP2: V001, V002, V003
    - o Output to final file
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Subject: Re: Merging Children and household Colombia 2010

Posted by [Nathalie](#) on Mon, 13 Mar 2017 03:38:53 GMT

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Thanks for your answer.

Following your suggestion, I did this:

Step 1

PR file : rename hv001 V001; rename hv002 V002; rename hivdx V003 ; sort V001 V002 V003;  
save PR\_using2

IR file : rename v001 V001; Rename v002 V002 ; Rename v003 V003 ; Sort V001 V002 V003 ;  
Merge m :1 V001 V002 V003 using PR\_using2 ;(not matched from master 0; not matched from  
using 150938) Rename \_merge merge1; Save TEMP\_1

Step 2

BR file: rename v001 V001; rename v002 V002; rename b16 V003; sort V001 V002 V003  
merge m :1 V001 V002 V003 using PR\_using2 ; (not matched from master 23616; not matched  
from using 136676) ; Rename \_merge merge2 ; save TEMP\_2

Step 3

TEMP\_2; Merge m:1 V001 V002 V003 using TEMP\_1 (not matched from master 23616 ; not  
matched from using 0); Save Finalfile\_2010

I have some questions:

1. Have I used the merge command correctly? Is it merge m:1 in the 3 steps?
2. In step 3: What does it mean 'not matched from master 23616'? It is the number of children without mother?
3. In the final file (2010\_Finalfile) the variable sh38 (member of a health security system) is the children security system or the mother security system?
4. At the end of the merge in step 3 I have this output:

. merge m:1 V001 V002 V003 using TEMP\_1

(label v013 already defined)

(label v014 already defined)

...

(label hv015 already defined)

(label \_merge already defined)

Is this a problem? Or it is just that I had the same variables in the two files.

Thanks

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Subject: Re: Merging Children and household Colombia 2010

Posted by [Nathalie](#) on Thu, 16 Mar 2017 19:24:16 GMT

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As I did for Colombian files 2010, I want to merge BR, PR, and IR files from Colombia 1995.  
I am following the instructions that you gave me to 2010data.

My questions is: which variable should I use to merge BR and PR files 1995?

One of the variables that I used for 2010 data doesn't exist in 1995 (b16 Child's line number in household)

Thanks

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Subject: Re: Merging Children and household Colombia 2010

Posted by [Liz-DHS](#) on Mon, 20 Mar 2017 13:51:45 GMT

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Dear User, The response from data processing expert, Guillermo Rojas:

Quote:

I don't know what software the user is using, but the merge she did for 2010 seems correct.

For 1995, as the user mentioned variable B16 doesn't exist in that phase, so there is no way to link children to household members. She can link women to persons, though following the same instructions.

Thanks,