Subject: Merging Male with Birth data?
Posted by Seets on Sun, 12 May 2013 18:10:31 GMT
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Hello,
I am using the Indian Birth data. I have merged the women's data successfully. Is there a way of doing this with the male data?
I am looking to have a merged dataset of births, with women's and male characteristics.

Please advice.

Subject: Re: Merging Male with Birth data?
Posted by Bridgette-DHS on Wed, 22 May 2013 16:11:36 GMT
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For merging DHS datasets, please reference:
http://www.measuredhs.com/data/Merging-Datasets.cfm

Subject: Re: Merging Male with Birth data?
Posted by Sandipa on Wed, 05 Oct 2022 17:30:42 GMT
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Hi,

Can someone help me with merging the child births with their parents information i.e. merging the IR, MR and BR file. I need information on the child and parental background information for my analysis. I checked the DHS forum for such a merge but I didn't find any great answer to this question. The merges are mainly concentrated within the household level i.e. PR file. I need my unit of observation as the child. And I need this information for both NFHS-4 and NFHS-5. I can append the two once I do the merging correctly. Below is the code I used. But I don't think that identifies correctly and uniquely the parents of the child.

IR file:

```
use "IAIR7BFL.dta", clear
gen in_IR=1
rename v001 hv001 /*Sample-specific cluster number*/
rename v002 hv002 /*Household number in cluster*/
rename v003 hvidx /*Household line number of woman respondent*/
gen mo_line=hvidx
sort hv001 hv002 mo_line
```

*kept all the variables I needed for the mother (ex: education, birth history etc)

MR file:

```
use "IAMR7BFL.dta", clear
gen in_MR=1
rename mv001 hv001
rename mv002 hv002
rename mv003 hvidx
gen fa_line=hvidx
sort hv001 hv002 fa_line
```

*kept all the variables I needed for the father (ex: education, birth history etc)

BR file:

```
use "IABR7BFL.dta", clear
keep if b5==1 /*Chlid is alive*/
gen in_BR=1
rename v001 hv001
rename v002 hv002
rename b16 hvidx
sort hv001 hv002 hvidx
```

*kept all the variables I needed for the child (ex: birth details etc)

Now how to uniquely match the child with their parents?

Subject: Re: Merging Male with Birth data?
Posted by Bridgette-DHS on Wed, 05 Oct 2022 20:11:00 GMT
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Following is a response from DHS staff member, Tom Pullum:

The child records in the BR files already include almost all of the mother's information that is in the IR file. If you think some variables are missing and you still want to merge with the IR file, you match cases in the IR and BR with the same v024 v001 v002 v003 in both files. You keep if _merge==3.

Merging the BR and MR files is not a good idea. The first problem is that there was only a 1/6 subsampling of males from the PR file. 1/2 of the households in 1/3 of the clusters were selected for the men's survey. that means you could only match at most 1/6 of the children with their father. Second, you can only match with the father if both the child and the father were present the same household. You can find the child in the household by matching v024 v001 v002 v003 b16 in the BR file with hv024 hv001 hv002 hvidx in the PR file. The father's line number, if in the household, is hv114. You then merge hv024 hv001 hv002 hv114 with mv024 mv001 mv002

mv003 in the MR file. The code to merge children with fathers has been given elsewhere in the forum.

If you want children under 5, use the KR file rather than the BR file. If you use the BR file, the older children are less likely to be in the household. Both the KR and BR files include children who have died, and you will not find them in the household survey.
