
Subject: Re: Merging KR with PR for Ethiopia 2011
Posted by [kingx025](#) on Mon, 09 Jul 2018 03:04:08 GMT
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If I am understanding correctly, you want to merge the KR and PR files for Ethiopia 2011 to replicate the categories in Table 10.7 of the final report, with information on diarrhea from the KR files and household characteristics taken from the PR files. A simpler approach, in my opinion, is simply to merge the household record for the child's mother to the KR file. IPUMS-DHS has already done this for you; for the KR (child) and BR (birth) files, we have merged the mother's record from the IR file and the mother's household record. Thus, you can get all the variables you need if you choose "children" as your unit of analysis and select the following variables in IPUMS-DHS:

Child's age in months: HW1 (KIDAGEMO)

https://www.idhsdata.org/idhs-action/variables/KIDAGEMO#code_s_section

Child's sex: B4 (KIDSEX) https://www.idhsdata.org/idhs-action/variables/KIDSEX#codes_section

HH source of drinking water: HV201 (DRINKWTR):

https://www.idhsdata.org/idhs-action/variables/DRINKWTR#code_s_section

Type of HH toilet facility: HV205 (TOILETTYPE):

https://www.idhsdata.org/idhs-action/variables/TOILETTYPE#codes_section

Toilet facility shared: HV225 (TOILETSHAREYN);

https://www.idhsdata.org/idhs-action/variables/TOILETSHAREYN#codes_section

Urban-rural residence: V025 (Urban)

https://www.idhsdata.org/idhs-action/variables/URBAN#codes_section

Region of residence: V101_ET2011 (GEO_ET2011):

https://www.idhsdata.org/idhs-action/variables/GEO_ET2011#codes_section

Mother's education: V106 (EDUCLVL):

https://www.idhsdata.org/idhs-action/variables/EDUCLVL#codes_section

Household wealth quintile: V190 (WEALTHQ):

https://www.idhsdata.org/idhs-action/variables/WEALTHQ#codes_section

Child had recent diarrhea: H11 (DIARRECENT):

https://www.idhsdata.org/idhs-action/variables/DIARRECENT#codes_section

Blood in child's stools: H11B (DIABLOODST)

https://www.idhsdata.org/idhs-action/variables/DIABLOODST#codes_section

Weight: V005 (PERWEIGHT) https://www.idhsdata.org/idhs-action/variables/PERWEIGHT#codes_section

When you merge the PR and KR data, you have to drop the cases of children not included in the KR file, anyway. The only possible problem that I see is that some of the background variables (on urban residence, region of residence, and wealth quintiles) use the variable from the IR file, rather than the variable from the linked household file, so you may get some results with "non-resident" as a code in your results, which are not in the table. We're planning on adding the household-based version of those variables to the IPUMS-DHS data for women, children, and births by Fall.

You can make a customized data file from IPUMS-DHS (www.idhsdata.org) by logging in with your DHS user name and password, selecting the above variables and ET2011 as a sample for a customized dataset, selecting your preferred data format, and downloading the customized (free)

data file to your computer for analysis. You will have to do some recoding of the variable on type of toilet facility, but that would be the case with the original DHS files as well.

I hope this helps.

Miriam King
