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Subject: Zambia: Mother and Father Education and source of water

Posted by [Tina Berti](#) on Mon, 13 Aug 2018 14:00:26 GMT

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Hello,

I am trying to determine how a parents education (mother in one instance and father in another) affects a child's nutrition(children 0- 59months). I am also using source of drinking water as a control variable. I am using the PR file - Household member record for the 2007 and 2013-14 dataset, but I am having trouble calculating these figures. Could you please help me with the commands to calculate mother, father education and source of drinking water in STATA. I have managed to calculate for child nutrition in 3 ways.

Thank you so much for your help

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Subject: Re: Zambia: Mother and Father Education and source of water

Posted by [Liz-DHS](#) on Mon, 27 Aug 2018 14:56:03 GMT

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Dear User,

Best thing is to share your code. Others in the user community may be able to help if they can see what you have done so far. Please state which data set(s) and survey year(s) are part of your analysis. Share your code and look at the following resources:

The Guide to DHS Statistics [https://](https://dhsprogram.com/publications/publication-dhsg1-dhs-questionnaires-and-manuals.cfm)

[dhsprogram.com/publications/publication-dhsg1-dhs-questionnaires-and-manuals.cfm](https://dhsprogram.com/publications/publication-dhsg1-dhs-questionnaires-and-manuals.cfm),

The Standard Recode Manual [https://](https://dhsprogram.com/publications/publication-DHSG4-DHS-Questionnaires-and-Manuals.cfm)

[dhsprogram.com/publications/publication-DHSG4-DHS-Questionnaires-and-Manuals.cfm](https://dhsprogram.com/publications/publication-DHSG4-DHS-Questionnaires-and-Manuals.cfm),

using Datasets for Analysis <https://dhsprogram.com/data/Using-Datasets-for-Analysis.cfm> and a series of videos to help

guide you with your analysis <https://blog.dhsprogram.com/dhsdataintro/>.

The IUPMS website is also a great resource: <https://www.idhsdata.org/idhs/> For specific assistance with Stata, please visit

You may also want to search the forum for [url=

[http://www.cpc.unc.edu/research/tools/data\\_analysis/statutorial/](http://www.cpc.unc.edu/research/tools/data_analysis/statutorial/)][url]

keywords which might help guide your analysis. After reviewing these resources, if you still have a question, please feel free to post again. Thank you!

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Subject: Re: Zambia: Mother and Father Education and source of water

Posted by [Bridgette-DHS](#) on Fri, 14 Sep 2018 20:32:38 GMT

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Following is a response from Senior DHS Specialist, Tom Pullum:

The following lines show how to merge the characteristics of the mother and father onto the



record for the child using hv112 and hv114, the line numbers of the parents (if they are living and in the same household as the child). You need to save working files in some location. I use "scratch" folders and "temp" files. The file called "tempchild.dta" is the file you want. Source of drinking water is hv201. Every record in the PR file has hv201 on it, so it's in tempchild.dta.

```
set more off
cd e:\DHS\DHS_data\scratch
```

```
use "C:\Users\26216\ICF\Analysis - Shared Resources\Data\DHSdata\ZMPR61FL.DTA" , clear
save tempall.dta, replace
```

\* construct a file of potential mothers

```
use tempall.dta, clear
keep if hv104==2
keep hv001 hv002 hvidx hv106
rename hv106 mother_ed
rename hvidx mo_line
sort hv001 hv002 mo_line
save tempmo.dta, replace
```

\* construct a file of potential fathers

```
use tempall.dta, clear
keep if hv104==1
keep hv001 hv002 hvidx hv106
rename hv106 father_ed
rename hvidx fa_line
sort hv001 hv002 fa_line
save tempfa.dta, replace
```

\* prepare children for merge with mothers

```
use tempall.dta, clear
keep if hc1<.
rename hv112 mo_line
sort hv001 hv002 mo_line
merge hv001 hv002 mo_line using tempmo.dta
rename _merge mo_merge
```

```
rename hv114 fa_line
sort hv001 hv002 fa_line
merge hv001 hv002 fa_line using tempfa.dta
rename _merge fa_merge
```

```
drop if mo_line==. | fa_line==.
tab *_merge
drop *_merge
save tempchild.dta, replace
```



tab1 \*\_line  
tab \*\_ed,m