
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
```