
Subject: how to get the right case numbers in child recode, & then restrict further
Posted by [French Smith](#) on Sat, 26 Oct 2013 17:13:54 GMT

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Dear DHS STATA crowd,

I wish to analyze the Demographic and Health Surveys (DHS) data on children under five.

I have set up my analysis as follows, using at Tanzania DHS 2010 as a starting point.

But I have two questions:

1. Why do I have 8,023 cases not the 8,081 that the report (the report and dataset are available at <http://www.measuredhs.com/what-we-do/survey/survey-display-345.cfm>) says exit?
2. How do I restrict the analysis to V465, which was a question asked only of respondents with a youngest child under five living with them?

Probably simple questions, sorry, but my STATA mind needs jogging!

Thanks!

French

```
set mem 450m
```

```
set matsize 800
```

```
use TZKR62DT/TZKR62FL.DTA
```

```
*v022 is sample stratum number  
gen stratid = v022
```

```
*v021 is PSU  
gen psu = v021
```

```
*v005 is sample weight  
gen weight = v005/1000000
```

```
svyset psu [pw=weight], strata(stratid)
```

```
*Just to compare totals. Should get 8,081 for Tanzania DHS 2010 not 8,023!  
tab stratid
```

```
*keep if complete response  
keep if v015==1
```

```
*keep if child lives with respondent. But this command isn't recognized!  
keep if B9==0
```

Subject: Re: how to get the right case numbers in child recode, & then restrict further

Posted by [French Smith](#) on Mon, 28 Oct 2013 13:15:16 GMT

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P.S. I expected 8,081 cases because page 14 of the report says there were 8,081 children aged 0-4.

Subject: Re: how to get the right case numbers in child recode, & then restrict further

Posted by [Sarah B](#) on Tue, 03 Dec 2013 20:25:46 GMT

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Can you tell us which table you are looking at to get your denominator? Are you looking at children of interviewed mothers (that's who is in the KR file), or children living in households (which would be in the PR file)?

I just went back and realized you do specify the table in your earlier message. Table 2.3 is de jure children living in the household -- i.e., it is not restricted to children of interviewed mothers. To match the sample sizes here, you need to use the PR file and restrict to children under 5 who are usual residents. Given that you want children of interviewed mothers, though, you do want the KR file. For matching denominators (which is a great starting point), I suggest you use tables in chapters 10 and 11. Note that sample sizes are weighted.

By the way, the reason your command

```
keep if B9==0
```

doesn't work is that Stata is case-sensitive. It reads b9 and B9 as two different variables -- you need to use b9. This is different than SPSS, which considers b9 and B9 to be the same.

Happy Stata-ing!
