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Subject: STATA recode for assistance during delivery SLDHS

Posted by [Mlue](#) on Fri, 10 Feb 2017 17:36:20 GMT

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Hi there, I'm using the Sierra Leone DHS 2013 data. I have been trying to recode a variable that will give me the same results as in Table 9.6 and Figure 9.1 of SLDHS 2013.

Could someone please let me know how this variable (Assistance during delivery / Skilled birth attendant) is derived from DHS data using stata.

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Subject: Re: STATA recode for assistance during delivery SLDHS

Posted by [Liz-DHS](#) on Fri, 10 Feb 2017 18:01:04 GMT

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Dear User,

The delivery care recode variables are included in M3A-N. Please refer to The Standard Recode Manual on our website <http://dhsprogram.com/publications/publication-DHSG4-DHS-Questionnaires-and-Manuals.cfm>. There is also a portion on Delivery Care in The Guide to DHS Statistics <http://www.dhsprogram.com/publications/publication-dhsg1-dhs-questionnaires-and-manuals.cfm>. For assistance with Stata code please refer to [http://www.cpc.unc.edu/research/tools/data\\_analysis/statatutorial](http://www.cpc.unc.edu/research/tools/data_analysis/statatutorial)

Thank you!

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Subject: Re: STATA recode for assistance during delivery SLDHS

Posted by [Mlue](#) on Sat, 11 Feb 2017 07:27:46 GMT

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Does anyone have an example of a STATA dofile for this?

The variables come in the form:

1. Assistance: doctor = m3a\_1, m2a\_2, etc... and nurses, mch aide, come in the same manner

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Subject: Re: STATA recode for assistance during delivery SLDHS

Posted by [Mlue](#) on Fri, 17 Feb 2017 07:56:45 GMT

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Hi Liz,

I figured it out... I was using the wrong dataset and wrong Stata commands/syntaxes.

\*=====\*

\*\* DEMOGRAPHIC AND HEALTH SURVEY DATA

/\*

A stata code (do file) to compute skilled birth attendant from DHS data

\*/

\*\*\*\*\*

\*\*\* YEAR = 2013

\*\* SKILLED BIRTH ATTENDANTS (SBA)

\*\*\*\*\*

\*\* WEIGHT VARIABLE

gen weight = v005/1000000

\*\*\*\*\*

\*\* SURVEY SET

gen psu = v021

gen strata = v022

svyset psu [pw = weight], strata(strata) vce(linearized)

keep if v208 !=0 & v208 !=.

\*=====

\*\* DROP IF NOT WITHIN SAMPLE

qui regr m3a m3b m3c if v208 >0 & v208 !=. [pw=weight]

drop if e(sample)!=1

\*\*\*\*\*

// RENAME

rename v190 wealth

rename v025 residence

rename v024 region

\*\*\*\*\*

// GENERATING SKILLED BIRTH ATTENDANT - VARIABLE

gen skilled\_birth = 0

label define skilled\_birth 0"No" 1"Yes"

label var skilled\_birth "Birth delivered by skilled birth attendant"

label val skilled\_birth skilled\_birth

\*\* SKILLED BIRTH ATTENDANTS

```
foreach xvar of varlist m3a m3b m3c {  
  replace skilled_birth=1 if `xvar'==1  
}
```

// CHECK - [Yes = Percentage delivered by a skilled provider]

svy: tab region skilled\_birth, percent format(%4.1f) row

svy: tab region skilled\_birth, count format(%4.0f) miss

```
*=====
```

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```
=====*
```