Subject: Stunting, Female Literacy and Skilled Birth
Posted by sokiya on Fri, 16 Jun 2023 17:35:12 GMT

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I am trying to estimate the following indicators at county level using Kenya Demographic and Health Survey 2014

Skilled birth (%)
Stunted (%)
Female literacy (%)

I would appreciate guidance on how to achieve accurate results.
Thanks in advance.

Subject: Re: Stunting, Female Literacy and Skilled Birth
Posted by Bridgette-DHS on Fri, 16 Jun 2023 20:18:30 GMT

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Following is a response from Senior DHS staff member, Tom Pullum:

The Stata code given below will do what you want. For literacy and skilled birth attendants I am following the definitions in the tables in the report. The latter refers to all births in the past 5 years and is easier to get from the KR file. We recommend the BMI for adult women but I have used stunting, as requested.

```
* How to get the % of women who are literate or stunted, and the % of deliveries with
*  skilled birth attendants, by county, in the Kenya 2014 DHS survey
* In the list of proportions, you want those that include "1" in the county label

use "...KEIR72FL.DTA", clear

gen     literate=0
replace literate=1 if v106==2 | v106==3 | v155==1 | v155==2
tab literate [iweight=v005/1000000]

gen     stunted=0 if v440>-600 & v440<600
replace stunted=1 if v440>-600 & v440<-200
tab stunted  [iweight=v005/1000000]

svyset v001 [pweight=v005], strata(v023) singleunit(centered)
svy: proportion literate stunted , percent over(scounty)

use "...KEKR72FL.DTA", clear
keep v001 v002 v003 v005 v023 scounty m3a* m3b*

gen     skilled=0 if m3a<.
replace skilled=1 if m3a==1 | m3b==1
```

svyset v001 [pweight=v005], strata(v023) singleunit(centered)
svy: proportion skilled , percent over(scounty)