Subject: Re: Wealth Index or CWI
Posted by Liz-DHS on Thu, 12 Nov 2015 02:41:58 GMT

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Dear User,

Here is a response for #1 in your query from Dr. Sarah Staveteig:

Quote:Re #1. Wealth quintiles are computed for the de jure household population, not just the population of women 15-49. The proportion of women in each quintile will depend on their concentration in poorer households. The wealth index weight is created by multiplying the household weight by the number of de jure residents. If there are no de jure residents then we multiply the household weight by the number of de facto residents.

In Stata, you can verify the household population quintile weighting is evenly split by checking the Bangladesh household file:

use BDHR61FL.DTA, clear
gen usualhh=hv012
replace usualhh=hv013 if usualhh==0
gen popwt=hv005*usualhh/1000000
ta hv270 [iw=popwt]

The result produced from this is:

wealth index	Freq.	Percent	Cum.
poorest	15,786.124	20.00	20.00
poorer	15,777.318	19.99	40.00
middle	15,781.823	20.00	60.00
richer	15,783.583	20.00	80.00
richest	15,782.26	20.00	100.00
Total	78,911.1086	100.00	

(Note: everyone in the household has to be assigned the same wealth, so it is normal that some quintiles will be 20.01 or 19.99 percent).