Subject: Re: Food security measurement from Nepal DHS2016
Posted by Bridgette-DHS on Tue, 23 Jan 2018 17:30:29 GMT
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Please see the following response from DHS Technical Specialist, Rukundo Benedict:

Your subject line refers to the Nepal 2011 survey but the question is about the Nepal 2016 survey. We have looked at the archived CSPro code that was used to produce the tables in the main report on the 2016 survey. It appears that there was an error in the coding of the "Household Food Insecurity Access Scale Indicator Guide". The problem is that the code used in the report does not specify how to use sh145b=1. This is "unable to eat preferred foods because of lack of resources", response "rarely". Apparently this response should indicate "mild food insecurity".

I will paste below the Stata code that should be correct, but will not match the report. I have highlighted in yellow the piece that was missing (missing from the CSPro version). Please check. If you drop the yellow piece I believe you will get a match with the report. If you include it you will not get a match but will get the correct values.

We will discuss whether to issue an erratum. We will also check whether this error occurred in any other survey reports. Thanks for identifying the problem.

gen foodsec=.

replace foodsec=1 if (sh145a==0 |sh145a==1) & sh145b==0 & sh145c==0 & sh145d==0 & sh145e==0 & sh145f==0 & sh145g==0 & sh145h==0 & sh145i==0

replace foodsec=2 if sh145a==2 |sh145a==3 | sh145b==1 | sh145b==2 | sh145b==3 | sh145c==1 | sh145d==1 & (sh145e==0 & sh145f==0 & sh145g==0 & sh145h==0 & sh145i==0)

replace foodsec=3 if sh145c==2 | sh145c==3 | sh145d==2 | sh145d==3 | sh145e==1 | sh145e==2 | sh145f==1 | sh145f==2 & (sh145g==0 & sh145h==0 & sh145i==0)

replace foodsec=4 if sh145e==3 | sh145f==3 | sh145g==1 | sh145g==2 | sh145g==3 |sh145h==1 | sh145h==2 | sh145h==3 | sh145i==1 | sh145i==2 | sh145i==3

label define foodsec 1"Food secure" 2 "Mildy food insecure" 3 "Moderately food insecure" 4 "Severely food insecure"
label val foodsec foodsec
label variable foodsec "Household Food Insecurity Access Category"