Subject: 2014 Kenya Male Survey Representative at the County Level?
Posted by apnewman on Thu, 19 May 2016 12:18:14 GMT
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Dear DHS Users/Staff,

Is the 2014 Male Survey representative at the county level? I am aware that the short-female survey is representative at the county level and that the full female survey is representative only at the provincial and national levels. The final report includes tables detailing male statistics at the county level suggesting it is representative but I have found no documentation confirming this.

Thank you in advance for any assistance.
Regards,
AN

Subject: Re: 2014 Kenya Male Survey Representative at the County Level?
Posted by Bridgette-DHS on Mon, 23 May 2016 12:37:45 GMT
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Following is a response from Senior DHS Stata Specialist, Tom Pullum:

Unless specified otherwise in the main report, all DHS samples are representative at all levels, in the sense that the estimates (weighted appropriately) are unbiased. Some old documentation on this says the contrary, but in fact that statement applies to all DHS surveys. As you go down to smaller areas, the estimates remain unbiased, but the standard errors can become quite large because the number of clusters gets smaller and the clustering effect becomes more serious. Confidence intervals get wider. The intervals will be larger in some of the counties than in others.

I would just recommend that you pay attention to the confidence intervals of the county-level estimates, especially for the counties with fewer clusters. You may want to set a cutoff such that you refuse to provide an estimate if the confidence interval is so wide that the estimate is virtually useless. This would be analogous to how DHS just gives an asterisk if a proportion is based on fewer than 25 cases, and puts an estimate in parentheses if it is based on 25 to 49 cases.

Subject: Re: 2014 Kenya Male Survey Representative at the County Level?
Posted by apnewman on Mon, 23 May 2016 15:35:38 GMT
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Thank you!