
Subject: ARI data and commands in STATA

Posted by [acseng](#) on Mon, 18 Nov 2024 12:35:38 GMT

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Hi!

I want to estimate the frequency (proportion or per 1,000) of children with symptoms of acute respiratory infection (ARI), for several years for the same country (Ghana), and compare the frequency in different regions of the country. I use Stata.

I ran the do file DHS-Indicators-Stata-master\Chap10_CH\CH_ARI_FV.do in each year's KR database, and then save the files with the new variables. Then, I merged all the KR databases in one single file (with the selected variables).

I am unsure how to use the weights to have the frequency (for example, per 1,000) for the whole country and each region. It is described in the section 1.33 Analysing DHS data: "The PSU forms the survey cluster", "DHS samples are stratified by geographic region", sampling weight is v005, so the command to obtain the frequency per 1,000 ("children under age 5 with symptoms of ARI at any time in the 2 weeks preceding the survey") is: `svyset v001 [pweight= v005], strata(v024)`.

Could you please confirm I am using the correct procedures and commands? Also, please let me know if I am missing any steps for the calculation. Many thanks!
