Subject: Re: Malaria (by microscopy) in Lagos State
Posted by Janet-DHS on Mon, 17 Jul 2023 16:15:20 GMT
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Following is a response from DHS staff member, Tom Pullum:

I use Stata and am not referring to your R code. To get the tabulation it is only necessary to use the weights, not the full svyset command. I opened NGPR81FL.dta and entered the following Stata line:

tab hml32 if hv103==1 & hv024==36 & hc1>=6 & hc1<=59 [iweight=hv005/1000000]

You do not need to specify the value of hv042; it is 1 for all cases. The Stata line produces the following output:

final result of malaria from |

blood smear test | Freq. Percent Cum.

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negative | 338.41388 97.42 97.42

positive | 8.95048 2.58 100.00

Total | 347.36436 100.00

This matches the weighted denominator of 347 and the proportion .026 in Table B.46 on page 147. That is, I match the report and do not get the numbers you got. Can you see where the difference is? Hope so. Good luck and thanks for using DHS data!