Subject: Kenya Malaria Indicator Survey 2015
Posted by nmutai on Fri, 22 Feb 2019 02:13:50 GMT
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Dear sir/madam,

I am working on the Kenya Malaria Indicator Survey of 2015. First, how does one uniquely identify children in the data? And secondly, trying to replicate the results of Table 6.2, but getting a figure of 9058 by RDT and 9074 by microscopy. These are weighted. Please help.

Subject: Re: Kenya Malaria Indicator Survey 2015
Posted by Bridgette-DHS on Thu, 14 Mar 2019 19:00:05 GMT
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Following is a response from DHS Lead Malaria Research Analyst, Cameron Taylor:

Dear user,
Thanks for your question, since you are wanting to examine parasitemia you should be using the PR file since this file includes all household members (not just kids whose mothers were interviewed). You can learn more about DHS data files in the following YouTube video
https://www.youtube.com/watch?v=fzLNQkkvDeI&index=7&
list=PLagqLv-gqpTNBR0KcyrajAqKrFdsdIqqe

To match Kenya MIS malaria table 6.2 it is important to look at the table description. Unlike other countries, Kenya MIS sampled children 6 months to 14 years. In most DHS surveys we only sample children 6 months to 5 years old. Because of this difference country specific age variables were created for Kenya. Country specific variables always start with the letter "s"

use KEPR7AFL.dta, clear

```
gen micmalpos=0
replace micmalpos=(hml32==1)
lab var micmalpos "Parasitemia (via microscopy)"

gen rdtmalpos=0
replace rdtmalpos=(hml35==1)
lab var rdtmalpos "Parasitemia (via RDT) "
```

* Proportion of children 6 months to 14 years with malaria infection (RDT)
tab rdtmalpos if shml16a>=6 & shml16a<=179 & hv103==1 & hml33==0 & hml35!=6 [iweight=wgt]

* Proportion of children 6 months to 14 years with malaria infection (microscopy)
tab micmalpos if shml16a>=6 & shml16a<=179 & hv103==1 & (hml32==0|hml32==1)
[iweight=wgt]