

---

Subject: Malaria (by microscopy) in Lagos State  
Posted by [cleonard](#) on Sun, 09 Jul 2023 00:31:37 GMT  
[View Forum Message](#) <> [Reply to Message](#)

---

Hello,

I am calculating the weighted number of children 6- 59 months tested for malaria by microscopy and the number of children positive for malaria by microscopy. The dataset I am using is NGPR81FL. I am using the exact guidelines as shown in the DHS Guide to Statistics:

Number of de facto children tested using microscopy ( $hv042 = 1$  &  $hv103 = 1$  &  $hc1$  in 6:59 &  $hml32$  in 0,1,6)

Number of de facto children tested using microscopy who are positive for malaria ( $hml32 = 1$ )

I am also taking into account the complex sample design which include strata, cluster and weights. I am coding in R and have attached my code sample to this post.

I am comparing my results with the 2021 Nigeria MIS Report, specifically pg. 147 (Table B.46), which does not match up. I am getting 205 for weighted number of children tested by microscopy, and 2 children who tested positive.

Has anyone else had the issue? I wonder if something is wrong with my code. Thank you very much.

---

#### File Attachments

1) [R Code\\_cl.docx](#), downloaded 202 times

---