Hello Ugonna,

We found the issue with our code. Thank you for bringing this to our attention.

Instead of coding the vaccination is this way:
recode h2 (0 8=0) (else=1), gen(ch_bcg_either)
we should have used:
recode h2 (1 2 3=1) (else=0), gen(ch_bcg_either)

The difference is minimal since it's just the missing (value 9) that would have been incorrectly coded. This change should apply to all the vaccinations. I've corrected the code on GitHub so you will see the updated version.

I checked this new code with the 2008 Nigeria survey and matched the table exactly, 22.7%.

Also your work around to not drop children is correct. Another way to to replace your indicator as missing for children outside the age group.

Thank you.

Best,

Shireen Assaf
The DHS Program