Hello everyone!

We are experiencing serious issues in the calculation of standardized indicators using the Household Members (PR) datasets (Burkina Faso, 2003, 2010 and 2014). I believe that the problem lies in the ITN/untreated net variable to be used as a filter.

Calculating ownership from Household (HR) dataset works fine. We combine data from variables hml10_1 to hml10_7 (2010 and 2014) and hml10_01 to hml10_10 (2003) to determine which households own treated nets and exclude untreated nets.

However, calculating Access (for example) from Household Members dataset using hml10 as a filter for ITN/untreated nets returns unwanted results - much lower than expected. To my surprise, Yes/No values in hml10 are only reported for individuals who actually slept under a net the previous night. Those who don't are assigned "N/As", which prevents us from determining who had access to an ITN - even though they didn't use it.

Alternatively, we've used hml7 ("bednet brand") to exclude untreated nets, which returns quite similar values to those calculated with the DHS online calculator, but slightly higher (0.1% - 4.0%, typically).

Which variable should we use as an ITN/untreated bednet filter in the Household Members dataset?

Alternatively, we could extract ITN ownership status from Household (HR) dataset, an apply it to the Household Members (PR) dataset, but I doublt that this is the proper way of doing it...

Thanks for your assistance!