I am trying to calculate the prevalence of anemia among children aged 659 months using the NFHS-5 dataset, but my results are not aligning with the NFHS-5 report. Below are the steps and issues encountered:

Current Approach
Dataset and Variables Used:
PR file of NFHS-5.

Code Used:

stata code
drop any_anem
gen any_anem = 0 if hc55 == 0 & hv103 == 1 & (hc1 > 5 & hc1 < 60) & hv042 == 1
replace any_anem = 1 if hc57 < 4 & any_anem != .
mean any_anem [iw=wt] if hv024 == 9, over(shdist)

Indicator Definition:
Children aged 659 months who are anemic (<11.0 g/dl).

Issue:
The calculated prevalence is not matching the reported figures in the NFHS-5 report.

alternatively if we could use the hc56 variable, which contains hemoglobin level in g/dl with 1 implied decimal place, codes for coverting the same to anemia