
Subject: Re: Any Anaemia Ghana DHS 2022
Posted by [Janet-DHS](#) on Tue, 21 Jan 2025 20:59:18 GMT
[View Forum Message](#) <> [Reply to Message](#)

Following is a response from DHS staff member, Tom Pullum:

Biomarkers such as anemia, which is based on blood tests conducted on children during the household survey, can be found in both the PR and KR files. It is not always which file was used to construct a table.

You are apparently trying to match table 11.7 in the final report on the Ghana 2008 survey. It appears that this table was constructed with the KR file, because it contains the total of 2313 children age 6-59 months, but I see that there is indeed a problem with this table. Using the KR file (GHKR5AFL.dta), the following command should give the bottom row of the table, except for "any", which is obtained by adding up "severe", "moderate", and "mild":

```
tab hw57 if hw1>=6 [iweight=v005/1000000]
```

In the KR file there is no need to specify an upper age of 59 months or de facto residence. Here is what that command gives:

```
. tab hw57 if hw1>=6 [iweight=v005/1000000]
```

anemia level	Freq.	Percent	Cum.
severe	164.444313	7.11	7.11
moderate	1,016.7676	43.95	51.06
mild	478.457266	20.68	71.74
not anemic	456.775979	19.74	91.49
9	196.975826	8.51	100.00
Total	2,313.421	100.00	

Comparing with the bottom row of Table 11.9, this matches the total frequency, 2313. However, the percentages in the "mild", "moderate", and "severe" categories are a little too low and there are 197 (weighted) cases with the illegal code "9".

The other panels of the table should be obtained by inserting covariates after "tab". For example, the urban/rural panel should be obtained with

```
tab v025 hw57 if hw1>=6 [iweight=v005/1000000], row
```

Unfortunately, all the panels are a little off, in terms of both frequencies and percentages.

I believe that something was done behind the scenes, or outside of the KR file, to re-assign those 197 cases (the unweighted number is 193) in terms of values on the covariates as well as anemia category. I could pursue that hypothesis, but I just don't think it's worth the time.

Next, I believe that your more immediate interest is in the 2022 survey, and I think you want to match Table 11.12 in the final report on that survey.

I tried to match it with the KR file, but it turns out that the 2022 version of the anemia table comes from the PR file (GHPR8CFL.dta). You can match the bottom row of this table, except for the "any" column, with this command:

```
tab hc57 if hc1>=6 & hc1<=59 & hv103==1 [iweight=hv005/1000000]
```

The command for the urban/rural panel, for example, would be this:

```
tab hv025 hc57 if hc1>=6 & hc1<=59 & hv103==1 [iweight=hv005/1000000], row
```

Let us know if you have other questions.
