Subject: Mismatched Child Counts in Stunting Analysis vs. DHS Rwanda Report
Posted by gusstrw on Fri, 25 Oct 2024 13:58:11 GMT
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Hi,

I'm currently analyzing factors associated with stunting in the 2019-2020 Rwanda DHS report (using the KR file in SPSS). However, when I run my calculations, the valid number of children shows as 3,928 (with 4,396 missing), whereas in Table 11.1 on the nutritional status of children, the DHS report lists 4,158 children. I've included the WGT variable in my calculations, but even without it, the numbers still don't match. I'm not sure where I might be going wrong.

Thanks!

Subject: Re: Mismatched Child Counts in Stunting Analysis vs. DHS Rwanda Report
Posted by Janet-DHS on Fri, 08 Nov 2024 02:03:57 GMT
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Following is a response from DHS staff member, Tom Pullum:

We apologize for the delay in this response. Table 11.1 is not calculated from the KR file. It is calculated from the PR file, using children under 5 (cases in the PR file with hc1<60) and hc70, hc71, and hc72 for the HAZ, WAZ, and WHZ, respectively and weighted by hw005. The table is limited to de facto residents (children with hv103=1, who slept in the household the night before).

The following lines reproduce n=4158 (rounded from 4157.661) in the final report:

gen wt=hv005/1000000

total wt if hc70<9994 & hv103==1

Total estimation   Number of obs =   4,049

    -- --

          | Total   Std. Err.   [95% Conf. Interval]

    -------------+-- --

```
   wt |   4157.661   24.87947      4108.884   4206.439
```

   -- --

If you want to relate stunting, etc, to covariates that are in the KR file but not the PR file, then you would use the KR file.