Subject: Re: Calculating a Representative Wealth Index for Clusters Using DHS Sample Weights
Posted by Janet-DHS on Wed, 08 Jan 2025 19:11:22 GMT
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Following is a response from DHS staff member, Tom Pullum:

Yes, the sample weight is the same for all households in the same cluster. If you want a single number to describe the cluster, it would be the unweighted mean. The best number to describe dispersion is probably just the standard deviation. The following analytical study could be helpful: https://www.dhsprogram.com/pubs/pdf/AS76/AS76.pdf.

Note that the wealth index is calculated with households as units. I would recommend calculating the cluster-level means and standard deviations within the HR file, and then copying those numbers into the other files you are using.