
Subject: Re: IPUMS-DHS Tip #3: Use POPWT to estimate the number of people with a characteristic

Posted by [gonzalo_barreix](#) on Tue, 22 Aug 2023 08:42:53 GMT

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Dear Miriam,

Very useful post about expansion factor.

I want to expand the Mozambique Malaria Indicators Survey 2018 for children (under 5 children) sample. I checked the link that you left that explains how the POPWT was generated for some DHS surveys but I still have doubts about how would the KIDWT would be constructed. May be you can clarify on this.

For expanding under5 children should I:

1) Use the KR file of the MIS 2018, and only with the alive kids compute:

$KTWT = (v005 / (\text{sum of 2018 under5 } v005)) * (\text{2018 Under5 Mozambique Population}) ?$

2) Use the PR file of the MIS 2018 and compute:

$KTWT = (hv005 / (\text{sum of 2018 total population } hv005)) * (\text{2018 Total Mozambique Population}) ?$

How is the proper way to do this?

Or maybe if it is easier to explain, it could be useful if you could clarify me how to exactly the KDWT is computed using an example as the one for POPWT shown in the link you left.

Thanks in advance

Gonzalo Barreix
