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Subject: Re: Sampling weight calculation

Posted by [Janet-DHS](#) on Tue, 23 Jul 2024 12:34:45 GMT

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Following is a response from DHS staff member, Tom Pullum and Senior DHS Sampling Specialist, Ruilin Ren:

Your formulas and calculations for the level weights appear to be correct. However, are you trying to replicate the standard weight calculation that is described in an appendix to each final report? There is no need to do that.

The purpose of your figure or map (the .png attachment) is not clear. Geographically, the strata, which are usually the combinations of region (v024) and urban/rural residence (v025), do not cleanly divide a region into two contiguous parts. Within a region, urban parts are typically scattered geographically and the rural part is like a background. (Occasionally a region is all urban or all rural.) The clusters are always entirely urban or entirely rural. The clusters are always spatially located within the strata.

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