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Subject: Re: Griding spatial data

Posted by [ClaraB-DHS](#) on Fri, 01 Nov 2013 14:25:37 GMT

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Hi-

I would suggest performing literature search to see how other groups have created gridded surfaces with the GPS DHS data.

You can start by looking at the list of articles that the DHS maintains, here is a link to those articles: [http://measuredhs.com/publications/article-results.cfm?T\\_id=153&tnm=GPS](http://measuredhs.com/publications/article-results.cfm?T_id=153&tnm=GPS)

That list is not exhaustive and a further literature search may identify other articles using various methods to create gridded surfaces.

Additionally, I would suggest reading more about the displacement procedure and methods in a recently published report from the DHS.

Geographic Displacement Procedure and Georeferenced Data Release Policy for the Demographic and Health Surveys

<http://measuredhs.com/publications/publication-SAR7-Spatial-Analysis-Reports.cfm>

In general, I would say that 100KM is too large of a grid square to reflect the actual information of children health conditions and to be of any research or programmatic use.

Best wishes,  
Clara