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Subject: Re: Geographical jittering over time  
Posted by [Rose-DHS](#) on Mon, 04 Dec 2023 18:04:28 GMT  
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Georeferenced surveys from 2003 onwards are displaced using the standard displacement procedure described in SAR7 (<https://dhsprogram.com/pubs/pdf/SAR7/SAR7.pdf>). Urban clusters are displaced up to 2km, while rural clusters are displaced up to 5km with a further 1% of rural clusters displaced up to 10km.

Surveys conducted prior to 2003 were not displaced using the standard displacement procedure. Coordinates for the earliest surveys were obtained from paper maps, gazetteers of settlement names, or preexisting census data files, while GPS collection began in 1996. The method used to determine the lat/long coordinates for each cluster is listed under the SOURCE attribute in the GE datasets.

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