Subject: Shapefiles (polygons) and district codes for Ghana DHS
Posted by ekansong on Sun, 23 Feb 2014 20:52:11 GMT
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I would like to run spatial models at the district level with the DHS data for Ghana(GDHS 2008). However, the district variable in the data does not specify the district names/codes so it is not possible to run the models at the district level. Would you be able to send us the district names and their corresponding codes for all 10 regions in Ghana?

Subject: Re: Shapefiles (polygons) and district codes for Ghana DHS
Posted by user-rhs on Mon, 24 Feb 2014 17:59:10 GMT
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Ekansong--Could you not spatially join the HH cluster centroids to the basemap in your mapping software using the xy coords in the DHS GIS file? The caveat is that usually some clusters are missing the coordinates (9999,9999), in which case you will need to manually enter the names for those clusters.

Subject: Re: Shapefiles (polygons) and district codes for Ghana DHS
Posted by Josh-DHS on Mon, 24 Feb 2014 20:48:45 GMT
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Thanks for your post. For information on why labels are not included with district codes in the recode files, please view the following topic: http://userforum.dhsprogram.com.com/index.php?t=msg&th=7 0&am p;start=0&S=fb886831fc5ee39741100a1b01251be8. For the Ghana 2008 survey, one way to assign district names to the clusters would be to use the coordinates from the GPS dataset within a Geographic Information System (GIS) to join the displaced cluster locations to a district boundary polygon shapefile.

Information on our policy of GPS displacement and how to account for it in your analysis can be found here http://userforum.dhsprogram.com/index.php?t=msg&th=19&am p;am p;am p;start=0&S=fb886831fc5ee39741100a1b01251be8. The displacement of the GPS data for the 2008 Ghana DHS was restricted at the level of the DHS region (v024 in the recode file). This means that during the cluster displacement process, it was ensured that no clusters crossed any region boundary, but it was possible for a cluster to cross a lower level (e.g. district) boundary during the displacement process. You can view and download the DHS region boundaries for each of our surveys, including for Ghana at the boundaries page of our Spatial Data Repository website: http://spatialdata.dhsprogram.com/boundaries.html?country=GH .

For more information about clusters with missing coordinates, see this forum topic http://userforum.dhsprogram.com/index.php?t=msg&th=71&am p;am p;am p;start=0&S=fb886831fc5ee39741100a1b01251be8.

If this has not answered your question adequately, please reply.