
Subject: Re: Nigeria Malaria Indicator Survey 2015
Posted by [tfish-DHS](#) on Tue, 30 Oct 2018 17:45:17 GMT
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I used the following STATA code to join between the GC (points) and the IR file

```
/******  
* Title: NigeriaMerge.do  
* Created by: Tom Fish  
* Created on: 30 October 2018  
* Purpose: Explain how to merge an IR file with the GC (points) file in STATA  
*****/  
clear all  
set more off  
  
* Set folders that I am working on  
local ptsDir "C:\Data\08_GPS\04_Completed_Surveys\Nigeria\Nigeria_2015_MIS\Upload_file\  
local dataDir "C:\Data\DHSdata\  
local working "C:\working\  
  
* Make sure we are working in our working directory  
cd "`working"  
  
* Convert the shapefile into a dta file to merge in STATA  
shp2dta using "`ptsDir'NGGE71FL.shp", database(ngpts) coordinates(ngcoord) genid(id)  
  
* Open up the table portion of the shapefile  
use ngpts  
  
* Rename and sort to allow for the merge to be successful  
rename DHSCLUST v001  
sort v001  
  
* Resave the table  
save ngpts, replace  
  
* Open the IR file  
use "`dataDir'NGIR71FL.DTA", clear  
  
* Do a 1 to Many merge/join between the points and the IR file  
sort v001  
merge v001 using ngpts.dta  
  
* Show that the merge was 100% successful and then drop the unneed column  
tab _merge  
drop _merge id  
  
* Save the merged file
```

save NG_Merged, replace

The merge was 100% successful

_merge	Freq.	Percent	Cum.
3	8,034	100.00	100.00
Total	8,034	100.00	

4 of the 326 clusters are classified as missing and are found at (0, 0)

SOURCE	Freq.	Percent	Cum.
GPS	322	98.77	98.77
MIS	4	1.23	100.00
Total	326	100.00	

I know that this is in STATA instead of SPSS, but this should be should be helpful.
