
Subject: Merging Senegal KR files to PR files
Posted by [tundexZ](#) on Thu, 03 Mar 2022 20:29:48 GMT
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Hi All,

I am trying to merge some mother characteristics from the KR file to the PR file for all DHS data available for Senegal. using PR as the base file. I have encountered a problem that many seem to have faced in this forum. I started with merging the 2019 dataset and I keep getting error messages "variables hv001 hv002 and hvidx do not uniquely identify the observations in the using data".

Sincerely have i tried to find and used the answers in the forum thread but I am stil getting the same error message

(https://userforum.dhsprogram.com/index.php?t=msg&goto=21769&&srch=merging+KR+to+PR+file#msg_21769)

(https://userforum.dhsprogram.com/index.php?t=msg&goto=13952&&srch=merging+KR+to+PR+file#msg_13952)

Here are my statacodes I used

****preparing kr file**

```
use "C:\Users\owolba\Desktop\foodways project\Senegal DHS DATA\STATA DATASET  
SENEGAL\SNKR8BFL.DTA", clear
```

```
keep caseid v001 v002 b16 v131 v130 v704 v705 v716 v717 v732 v745b
```

```
rename v001 hv001
```

```
rename v002 hv002
```

```
rename b16 hvidx
```

```
drop if hvidx==0 | hvidx==.
```

```
sort hv001 hv002 hvidx`
```

```
save temp.dta, replace
```

****preparing pr file for merge**

```
use "C:\Users\owolba\Desktop\foodways project\Senegal DHS DATA\STATA DATASET  
SENEGAL\SNPR8BFL.DTA",clear
```

```
sort hv001 hv002 hvidx
```

```
merge 1:1 hv001 hv002 hvidx using temp.dta
```

I have tried this codes and all other suggestions but i still get get the error code: "variables hv001 hv002 hvidx do not uniquely identify observations in the using data"

Thank you in anticipation for your response

Regards,
Babs

Subject: Re: Merging Senegal KR files to PR files
Posted by [Bridgette-DHS](#) on Fri, 04 Mar 2022 12:18:08 GMT
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Following is a response from DHS Research & Data Analysis Director, Tom Pullum:

You have made an interesting discovery. It happens that there are two duplicated children in the KR file, specifically those with b16=6 and 7 in the household with v001=43 and v002=14.

Your Stata code was correct. When you get the kind of message you got, with "merge 1:1", you can change to an older and more flexible version of the command, just "merge". I won't go into all the steps I used, but I found that the duplicates were in the KR file, not the PR file, and then ran these lines in the KR file:

```
sort v001 v002 b16
egen dup=seq() if b16~=0 & b16~=. , by(v001 v002 b16)
tab dup,m
```

You can then list v001 v002 b16 for the cases with dup=2.

If you add two more lines:
drop if dup==2
drop dup

Then you have a file with no duplicates and the 1:1 merge will work ok. I will report this and I hope eventually a corrected file will be issued. Thanks for discovering this issue! The problem was not with your code, but with the data file.

Subject: Re: Merging Senegal KR files to PR files
Posted by [tundexZ](#) on Fri, 04 Mar 2022 19:39:37 GMT
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Thank you very much for this information and update about the dataset. The added lines shared worked, I was able to merge the the KR file to the PR file.

Thank you.

Regards,
Babs
