
Subject: Missing records in PR File

Posted by [Zanele](#) on Thu, 07 Nov 2019 13:06:06 GMT

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Hi

May you please assist

I am doing analysis on South Africa DHS 2016 whereby I want to derive a variable using the PR file and then merge this variable to the children's recode (KR file) but upon merging, 626 children records are lost/missing [i.e. 626 records are not matched].

Meaning, these kids are not in the PR file but present in the KR and yet I need the 626 to complete my sample size of 3,548. Am i missing something?

Here is the code:

```
use "C:\Users\ZaneleMt\Desktop\SADHS 2016 DATA\DATASETS\ZAKR71DT\ZAKR71FL.dta",  
clear  
gen line=b16  
sort v001 v002 line
```

```
*keep caseid midx v001 v002 v003 v005 bidx line v008 b3 b9 v001 v002 v003 bidx v409* v410*  
v411* v413* v412* v414* m4 m38 m34 m15 m3* m55* v208 b4
```

```
//count = 3,548 or 3,571.9917  
gen filetype = 1
```

```
save "C:\Users\ZaneleMt\Desktop\SADHS 2016 DATA\DATASETS\ZAKR71DT\KRtemp.dta",  
replace
```

```
** =====  
===== **
```

```
** PREPARE PR FILE FOR MERGE **
```

```
clear all  
cd "C:\Users\ZaneleMt\Desktop\SADHS 2016 DATA\DATASETS\ZAPR71DT"  
use "ZAPR71FL", clear  
*use hhid hvidx hv001 hv002 hv003 hvidx hv005 hv201 hv205 using "IAPR74FL.dta", clear
```

```
gen v001=hv001  
gen v002=hv002  
gen line=hvidx  
sort v001 v002 line
```

```
*keep hhid hvidx hv001 hv002 hv003 hv005 hv201 hv205 v001 v002 line
```

```
//count = 38,850 or 38,012.529  
gen filetype = 3
```

```
save "C:\Users\ZaneleMt\Desktop\SADHS 2016 DATA\DATASETS\ZAPR71DT\prtemp.dta",
replace
```

```
** =====
===== **
** =====
===== **
```

```
clear all
set matsize 800
set mem 1g
set maxvar 9000
use "C:\Users\ZaneleMt\Desktop\SADHS 2016 DATA\DATASETS\ZAKR71DT\KRtemp.dta", clear
```

```
** MERGE PR FILE AND KR FILE (focusing on the PR file) **
sort v001 v002 line
merge m:m v001 v002 line using "C:\Users\ZaneleMt\Desktop\SADHS 2016
DATA\DATASETS\ZAPR71DT\prtemp.dta"
rename _merge _merge_PR_KR
```

```
/*
```

```
. merge m:m v001 v002 line using "C:\Users\ZaneleMt\Desktop\SADHS 2016
DATA\DATASETS\ZAPR71DT\prtemp.dta"
(note: variable v001 was int, now float to accommodate using data's values)
(note: variable v002 was byte, now float to accommodate using data's values)
```

Result	# of obs.

not matched	36,554
from master	626 (_merge==1)
from using	35,928 (_merge==2)
matched	2,922 (_merge==3)

```
I need that 626 to complete my sample size of 3,548 (2,922+626)
*/
```

```
exit
```