Subject: Problem with gender variable merging household recode with women's recode

Posted by tiampalermo@gmail.com on Fri, 19 Jun 2015 07:23:15 GMT View Forum Message <> Reply to Message

I am using the Tanzania AIS 2011-2012 data and trying to merge the household recode (PR) with the women's recode (IR). I created a gender variable based on hv104 in the PR dataset, created cluster, household and indiv (hvidx) variables with consistent names to merge across datasets, and then merged 1:1 on cluster hh id with the women's recode (IR). However, when I tab the merge variable based on gender, there are n=8352 matches (merge==3) among those who are supposedly male according to the PR dataset. Why is the gender information in the PR dataset inconsistent with who is interviewed in the women's recode (IR)? I would appreciate any insight on where I'm going wrong.

Thank you. Code is below:

- . use "\$z\TZPR6AFL.DTA", clear
- . *gender
- . tab hv104, missing

Sex of household member	•	Percent	Cum.
Male Female	•	48.37 51.63	48.37 100.00
Total	54,020	100.00	

. tab hv104, nol

Sex of			
househol	d		
membe	r Freq	. Percent	t Cum.
+			
1	26,132	48.37	48.37
2	27,888	51.63	100.00
+			
Total	54,020	100.00	

- . gen female=hv104==2
- . gen male=hv104==1
- . tab female

female	Freq.	Percent	Cum.
•	26,132 27,888	48.37 51.63	48.37 100.00
Total	54,020	100.00	

.

- . ***generate variables for merging with same names across datasets
- . gen cluster=hv001
- . gen hh=hv002
- . gen id=hvidx

. /****MERGES******/

- . *women's questionnaire
- . preserve
- . use "\$z\TZIR6AFL.DTA", clear
- . count 19319
- . gen cluster=v001
- . gen hh=v002
- . gen id=v003
- . gen female2=1
- . sort cluster hh id
- . save "\$z\women_temp.DTA", replace
- . restore
- . tab female

female | Freq. Percent Cum.

0 26,132	
Total 54,020 100.00	
. sort cluster hh id	
. merge 1:1 cluster hh id using "\$z\women_	temp.DTA"
Result # of obs.	
not matched 34,701 from master 34,701 (_me from using 0 (_merge	rge==1) ==2)
matched 19,319 (_mer	ge==3)
. tab _m	
_ _merge Freq. Percent	Cum.
master only (1) 34,701 64.24 matched (3) 19,319 35.76	64.24 100.00
 Total 54,020 100.00	
. bys female: tab _m	
-> female = 0	
_merge Freq. Percent	
master only (1) 17,780 68.04 matched (3) 8,352 31.96	68.04
Total 26,132 100.00	
_merge Freq. Percent	Cum.

master only (1) | 16,921

60.67

60.67

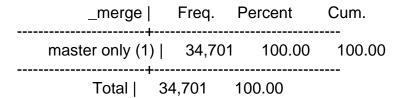
 matched (3)	•	•		
Total	•			

. bys female2: tab _m

-> female2 = 1

_merge	Freq.		
matched (3)	19,319	100.00	100.00
•	19,319		

 \rightarrow female2 = .



. tab female female2, missing

	female	2	
female	1	. T	otal
+-		+	
0	8,352	17,780	26,132
1	10,967	16,921	27,888
+-		+	
Total	19,319	34,701	54,020

. drop _m

.* n=8352 matched among supposed males---investigate