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.
•	26,132 27,888	48.37 51.63	48.37 100.00
Total	54,020	100.00	

. tab hv104, nol

Sex of			
househol	•		
membe	er Freq.	Percer	nt 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

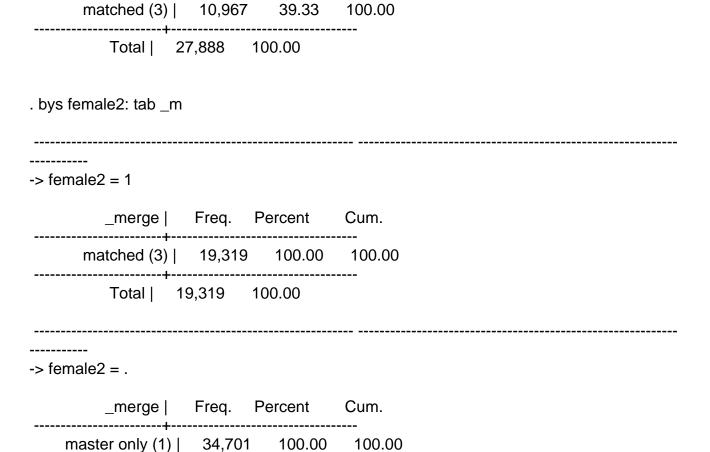
female | Freq. Percent Cum.

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	erge==1) ===2)
matched 19,319 (_mei	rge==3)
. tab _m	
_merge Freq. Percent	
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
	
_merge Freq. Percent	Cum.

master only (1) | 16,921

60.67

60.67



. tab female female2, missing

female2				
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	

Total | 34,701 100.00

. drop _m

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

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

Posted by tiampalermo@gmail.com on Fri, 19 Jun 2015 07:44:15 GMT View Forum Message <> Reply to Message

I think I realized the issue: In AIS, the IR file can include both men and women (identified through the aidsex variable), which is not the case for DHS files, where IR indicates women's recode. That would be why there's no male recode (MR) in the AIS file. So the merge is working as it should.