## Subject: Re: Creating a household level variable Posted by Trevor-DHS on Thu, 20 Nov 2014 05:02:45 GMT

View Forum Message <> Reply to Message

It looks to me that you have < and > reversed in a couple of cases:

- 1) In your keep condition, if hv105>=97 & hv102==1 probably should be if hv105<=97 & hv102==1
- 2) replace adolescents =1 if hv105 <=15 & hv105>=17

should be

replace adolescents =1 if hv105>=15 & hv105<=17

I'm not quite following your code, but if I understand it correctly then here is how I would create the household variable:
use "LSPR60FL.DTA"

- \* Recode age into the relevant age groups recode hv105 (20/59=1)(60/97=2)(0/19=3) if hv105<=97 & hv102==1, gen(household\_composition)
- \* Collapse and use the minimum value for each household collapse (min) household\_composition, by(hhid) lab def hh\_comp 1 "adult presence (ages 20-59)" 2 "older adult (ages 60 and over)" 3 "children-adolescents only (0-19 years)" lab val household\_composition hh\_comp
- \* Save this variable for merging keep hhid household\_composition sort hhid save "hh comp.dta"
- \* Open women's data file use "LSIR60FL.DTA", clear
- \* generate hhid from caseid by dropping the last three characters for the line number gen hhid = substr(caseid,1,length(caseid)-3) sort hhid
- \* merge the data many women to one household merge m:1 hhid using "hh\_comp.dta" \* drop households without interviewed women
- \* drop households without interviewed women drop if merge==2
- \* tabulate to check. Note some cases are missing due to households with no de jure members or ages all don't know or missing tab household\_composition,m