

---

Subject: underweight status according to child's living arrangements

Posted by [Manoj1992](#) on Fri, 30 Jun 2023 07:04:36 GMT

[View Forum Message](#) <> [Reply to Message](#)

---

I got different results form NFHS-5 national report after run the following syntax for calculating Underweight among the children's as per their living arrangements, I used the PR filr here  
gen Child\_liv\_arr=.

replace Child\_liv\_arr=1 if hv111==1 & hv113==1 & (hv102 == 1 & hv105 < 18)

replace Child\_liv\_arr=2 if hv111==1 & hv113==0 & (hv102 == 1 & hv105 < 18)

replace Child\_liv\_arr=3 if hv111==0 & hv113==1 & (hv102 == 1 & hv105 < 18)

replace Child\_liv\_arr=4 if hv111==0 & hv113==0 & (hv102 == 1 & hv105 < 18)

label define Child\_liv\_arr 1"Living both Parents" 2"Living with Mother (not father)" 3"Living with Father (not mother)" 4"Living with neither parent", replace

label values Child\_liv\_arr Child\_liv\_arr

tab Child\_liv\_arr underweight [iw=wt], r nof

what is wrong with my syntex?

---

---

Subject: Re: underweight status according to child's living arrangements

Posted by [Janet-DHS](#) on Mon, 03 Jul 2023 15:20:23 GMT

[View Forum Message](#) <> [Reply to Message](#)

---

Following is a response from DHS staff member, Tom Pullum:

I will paste below the codes that I have used for coresidence status of children. I have not tested them on the NFHS's and note that it is often difficult to match the NFHS's.

You are using hv111 and hv113, which are survival status; I prefer to use hv112 and hv114, which are line numbers of the mother and father, respectively.

You can have problems if a parent is listed in the household but is not de jure. As a general rule, household structure is based on de jure residence. In the lines below, I have already done a recode so that hv114r, for example, is the same as hv114 but is recoded to 99 if the father is in the household but is not de jure. This can be a difficult step.

You are checking for the child's de jure status but not the parents' de jure status. As I recall I use the code below after restricting to children who are de jure and age<18, which you do within the recode.

Our GitHub programs include Stata code to construct the table on parental survival and children's living arrangements. You can check it. We can't go into more detail on the forum.

gen cores\_type=.

replace cores\_type=1 if (hv112r>0 & hv112r<99) & (hv114r>0 & hv114r<99)

replace cores\_type=2 if (hv112r>0 & hv112r<99) & (hv114r==0 | hv114r==99)

replace cores\_type=3 if (hv112r==0 | hv112r==99) & (hv114r>0 & hv114r<99)

replace cores\_type=4 if (hv112r==0 | hv112r==99) & (hv114r==0 | hv114r==99)

label define cores\_type 1 "Living with both parents" 2 "With mother, not father" 3 "With father, not mother" 4 "Living with neither parent"

---

---

Subject: Re: underweight status according to child's living arrangements

Posted by [Manoj1992](#) on Tue, 04 Jul 2023 09:24:18 GMT

[View Forum Message](#) <> [Reply to Message](#)

---

Thanks for the reply.

Now we can match the frequencies and total sample with NFHS national report of India.

We used your following syntax for the computation of "Child's living arrangement"-

gen cores\_type=.

replace cores\_type=1 if (hv112>0 & hv112<99) & (hv114>0 & hv114<99)

replace cores\_type=2 if (hv112>0 & hv112<99) & (hv114==0 | hv114==99)

replace cores\_type=3 if (hv112==0 | hv112==99) & (hv114>0 & hv114<99)

replace cores\_type=4 if (hv112==0 | hv112==99) & (hv114==0 | hv114==99)

label define cores\_type 1 "Living with both parents" 2 "With mother, not father" 3 "With father, not mother" 4 "Living with neither parent"

---