Subject: Discrepancy in population totals for postnatal checkup-India (NFHS 4)
Posted by dgodha on Sat, 09 Jan 2021 03:16:51 GMT
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Hello DHS Experts,

While replicating tables 8.21 and 8.22, my population total estimate is 184,640.62 as opposed to 184,627 in the India DHS 2015-16 report. I have used the following commands.

```
*Use BR file
/*Generating weights and survey setting*/
gen wt=v005/1000000
svyset [pw=wt], psu(v021) strata(v025)

*PNC for those who delivered in a health facility
 recode s460 (100/202 =1 "pnc within 2 days") (203/305= 2 "pnc 3-41 days") (306/400 = 3 "42 days or more") (900/1000 =9 "dk") (else=0 "no pnc") , gen(pnctime_hf)

*PNC for those who delivered at home or who had a check after they left the facility
 recode m51  (100/202 =1 "pnc within 2 days") (203/305= 2 "pnc 3-41 days") (306/400 = 3 "42 days or more") (900/1000 =9 "dk") (else=0 "no pnc") , gen(pnctime_home)

*PNC for all women
 gen pnc=pnctime_hf
 replace pnc=pnctime_home if pnc==0
 replace pnc=3 if pnc==0
 lab de pnc 1"PNC within 2 days" 2"PNC 3-41 days" 3"No postnatal check" 9"Don't know"
 lab val pnc pnc

*PNC by health provider
 gen pncpr=s461
 replace pncpr=m52 if pncpr==.
 replace pncpr=0 if pnc==3
 replace pncpr=99 if pnc==9
 label de pr 0"No postnatal check" 11"Doctor" 12"ANM/Nurse/Mid-wife/LHV" 13"Other health personnel" 21"Dai(TBA)" 22"ASHA" 96"Other" 99"Don't know"
 label val pncpr pr
 tab pncpr

****
*Check with Table 8.21
svy:tab pnc if v208>0 & v208~=. & bidx==1,percent
*Check with Table 8.22
svy:tab pncpr if v208>0 & v208~=. & bidx==1,percent
```

I will request your advice on how to get the exact population total.

Thank you

Deepali

Subject: Re: Discrepancy in population totals for postnatal checkup-India (NFHS 4)
Posted by Shireen-DHS on Wed, 13 Jan 2021 18:31:28 GMT
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Hello,

The 2015-16 India final report does in fact report a denominator of 184,641 in tables 8.21 and 8.22. I do not see 184,627. This is the link to the final report:
https://www.dhsprogram.com/pubs/pdf/FR339/FR339.pdf

I do get a match using your code but you need to use s460_1 and m51_1 since you should use the IR file (the table is among women not children).

I also want to take this opportunity to inform you about the DHS GitHub site:
https://github.com/DHSProgram
Please read the readme file for this site.

This contains code for all the DHS indicators listed in the Guide to DHS Statistics (usually all the indicators in the Final reports). For the maternal health chapter for instance you can go to Chapter 9 to copy code for the indicators (https://github.com/DHSProgram/DHS-Indicators-Stata/tree/master/Chap09_RH). Please note that the code for PNC uses the standard of the last 2 years but for the 2015-16 NFHS they use the last five year so you would need to adjust the code as I have using the age>=60 instead of age>=24 as we have in the standard code. Please also read the notes in the do files before trying to use the code. The PNC code especially can be country specific and may need adjustment from the standard code.

Thank you.
Best,
Shireen Assaf
The DHS Program

Subject: Re: Discrepancy in population totals for postnatal checkup-India (NFHS 4)
Posted by dgodha on Fri, 15 Jan 2021 11:28:35 GMT
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Hello Shireen,

Thank you for your response. It seems I was checking with an earlier DHS report. And yes, I did use the DHS GitHub website for the codes.

Best
Deepali