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Subject: Postnatal Care

Posted by [Samia Aziz](#) on Thu, 13 Aug 2020 00:30:50 GMT

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I am using data for postnatal care and looking for a variable "how many days or weeks after delivery did the first check up take place? the variable is coded as m51\_1 in 2014 dataset. the variable contain value like 102, 103, 120 and so on. I am confused about what these values are referring in terms of time?

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#### File Attachments

1) [Capture.JPG](#), downloaded 614 times

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Subject: Re: Postnatal Care

Posted by [Bridgette-DHS](#) on Fri, 14 Aug 2020 13:13:04 GMT

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The first digit is the unit the information was reported (1=hours, 2=days, 3=weeks, 9=special answers). The last two digits is the time after delivery that the first checkup took place in those units.

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Subject: Re: Postnatal Care

Posted by [Samia Aziz](#) on Wed, 19 Aug 2020 03:47:38 GMT

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Thanks for the reply. I am working on BDHS 2004, and looking at the variable m52\_1 (who checked on your health after delivery). I am trying to recode the variable as 'medically trained providers' and 'others'. But the variable has no code for the outcome though the type is numeric (byte), i tried to generate the new variable considering as a string variable but it did not work out. can you please help.

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#### File Attachments

1) [m52\\_1.JPG](#), downloaded 560 times

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Subject: Re: Postnatal Care

Posted by [Bridgette-DHS](#) on Wed, 19 Aug 2020 14:52:43 GMT

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Following is a response from DHS Research & Data Analysis Director, Tom Pullum:

What you see in the tabulation of the variables is the labels (Doctor, etc.) the variable itself is numeric. One way to see the codes (there are other ways) is with "tab m52\_1" and then "tab m52\_1, nolabel". You will then see the numerical codes that go with the labels. You should then be able to do the recode you want to do. Let us know if you still have trouble.

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Subject: Re: Postnatal Care

Posted by [Samia Aziz](#) on Tue, 08 Sep 2020 13:11:55 GMT

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I am using the BDHS 2014 dataset, I am interested to look into the women who received postnatal care. so I decided to select the sample of women who had given birth within three preceding years of the survey using variable if v417>0. Total number of women stands at 4494. However, when I am trying to look into the proportion of women who received PNC using the variable m66\_1, the total number of respondents shows as 2806. I wonder was the question for all women who had a birth in the last three years of the survey? then why does the N vary? Please guide.

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Subject: Re: Postnatal Care

Posted by [Shireen-DHS](#) on Fri, 11 Sep 2020 14:09:43 GMT

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Hello Samia,

If you are trying to match Table 9.10 of the BDHS 2014 Final report you need to perform several checks to match the Table. For instance, you would need to see the type of provider giving the postnatal check.

Please study the code below that will give you a match with the table.

Thank you.

Best,

Shireen Assaf

The DHS Program

\*child's age, this is used to select for births in the last 3 years  
gen age = v008 - b3\_01

//PNC timing for mother

\*did the mother have any check

gen momcheck = 0 if age<36

replace momcheck = 1 if (m62\_1==1 | m66\_1==1) & age<36

\*PNC timing for mother

recode m51\_1 (100/103 = 1 "<4hr") (104/123 200 = 2 "4-23hrs") (124/171 201/202 = 3 "1-2 days")  
///

(172/197 203/206 = 4 "3-6 days") (207/241 301/305=5 "7-41 days") ///

(198/199 298/299 398/399 998/999 = 9 "dont know/missing") (242/297 306/397 = 0 "no pnc  
check") (else=0) if (age<36 & momcheck==1) , g(rh\_pnc\_wm\_timing)

replace rh\_pnc\_wm\_timing = 0 if m50\_1==0 | m50\_1==9

\*recode as no PNC if not performed by a trained provider

replace rh\_pnc\_wm\_timing = 0 if (m52\_1>15 & m52\_1<97) | m52\_1==.

replace rh\_pnc\_wm\_timing=. if age>=36 | bidx\_01!=1

label var rh\_pnc\_wm\_timing "Timing after delivery for mother's PNC check"

gen wt=v005/1000000

tab rh\_pnc\_wm\_timing [iw=v005/1000000]

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Subject: Re: Postnatal Care

Posted by [Samia Aziz](#) on Mon, 21 Sep 2020 23:34:14 GMT

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I am using BDHS 2007 data and looking at variables of Postnatal care for mothers and trying to match the table 9.8.2 of 2007 report. However 'who checked on your health is not coded as m52\_1 like other rounds(2011, 2014). I have found s434a\_1 instead that gives information only for health checked by a qualified doctor. I want to create a variable of care provider as 'medically trained provider' and 'other providers'. but 2007 data contain a variable for each provider (s434a\_1 to s434x\_1) that made me confused on how to recode these variables as one variable.

I am also struggling in getting the value of 16% PNC coverage by a medically trained provider within 2 days of birth for the 2004 dataset (as mentioned in the 2014 report)

Can you please help me? I would highly appreciate your help or suggestion in this regard. hope to hear from you soon.

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Subject: Re: Postnatal Care

Posted by [Shireen-DHS](#) on Fri, 25 Sep 2020 13:45:41 GMT

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Hello Samia,

You are correct in that the PNC variables have changed over the years. Please check the Guide to DHS Statistics to read about these changes:

[https://www.dhsprogram.com/Data/Guide-to-DHS-Statistics/index.htm#t=Postnatal\\_Care.htm](https://www.dhsprogram.com/Data/Guide-to-DHS-Statistics/index.htm#t=Postnatal_Care.htm)

Check the section on "Changes over time".

Please also check our code that is posted on the GitHub site for this and other indicators. The code is mostly created to match recent surveys. We try to make corrections for older surveys when possible. The PNC chapter is Chapter 9. Please read the readme file and main files before trying to run any of this code. <https://github.com/DHSProgram/DHS-Indicators-Stata>

For the 2007 BDHS Postnatal checkup for women, the variable m51\_1 is replaced by m51a\_1. To get the provider breakdown you use the "s" variables as shown below. I followed the footnote of the table to know where to place the categories. Label 1 is for the qualified doctor in the table. I was a little off for the qualified doctor by 0.5 percentage points and I could not resolve this. The other provider categories match and the denominator matches. For age, if b19 variable is available in the dataset (this was added in recent surveys), please use that for age instead of how

age is generated below.

Hope this helps. Please refer to the links I provided as well, these can be very useful resources.

Thank you.

Best,  
Shireen  
The DHS Program

\*Stata code for table 9.8.1 of Bangladesh 2007 Final report

```
gen age = v008 - b3_01
gen m51_1=m51a_1
gen provider=0 if m51_1!=.
replace provider = 0 if m66_1==0 | m66_1==9
replace provider=4 if s434f_1==1 | s434g_1==1 | s434h_1==1 | s434i_1==1 | s434j_1==1 |
s434x_1==1
replace provider=3 if s434d_1==1 | s434e_1==1
replace provider=2 if s434b_1==1 | s434c_1==1
replace provider=1 if s434a_1==1
```

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Subject: Re: Postnatal Care  
Posted by [Samia Aziz](#) on Thu, 03 Jun 2021 14:25:32 GMT  
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I am trying to conduct a trend analysis of PNC in BD and was analysing 2004 data. BDHS 2014 report stated that 16% of women who have given birth 3 years preceding the survey received care from a medically trained provider within 2 days of birth. I tried to get this value using following code but the result showing only 6% instead. Can you please help?

```
gen momcheck = 0 if age<36
replace momcheck = 1 if m50_1 & age<36
```

```
label list
recode m52_1 (11/14=1 "medically trained provider") (16/96=0 "other provider"),
gen(careprovider)
label list
recode m51_1 (100/202=0 "within 48 hrs") (203/224=1 ">48 hrs") (998=3 "don't know"),
gen(PNC_timing)
///women recieved PNC by a medically trained provider within 2 days
gen mom=0 if age<36
replace mom=1 if momcheck==1 & careprovider==1 & PNC_timing==0
```

I am looking at Table 10.8: postnatal care for mothers and children. BDHS 2004 report

The paragraph above the table also mentioned only 8% of the mother received care from a trained provider, which I would like to estimate. I want to calculate the percentage of mothers who received care from a trained provider within 2 days of birth.

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Subject: Re: Postnatal Care

Posted by [Bridgette-DHS](#) on Mon, 07 Jun 2021 13:43:21 GMT

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Following is a response from DHS Research & Data Analysis Director, Tom Pullum:

Here's how I would match table 10.8, which says that 14.5% of women received care from a trained provider within two days after the most recent live birth in the past 5 years.

use ...BDIR4JFL.DTA, clear

label list m15\_1

label list m51\_1

label list m52\_1

gen within\_2days=0 if midx\_1==1

replace within\_2days=1 if (m15\_1>=20 & m15\_1<96)

replace within\_2days=1 if (m52\_1<20 & m51\_1<=101)

tab within\_2days [iweight=v005/1000000]

If you restrict to most recent births in the past 3 years (v008-b3\_01<36), you will get 16%. That is, the code for 3 years would be this:

use ...BDIR4JFL.DTA, clear

gen within\_2days=0 if midx\_1==1

replace within\_2days=1 if (m15\_1>=20 & m15\_1<96)

replace within\_2days=1 if (m52\_1<20 & m51\_1<=101)

replace within\_2days=. if (v008-b3\_01>=36)

tab within\_2days [iweight=v005/1000000]

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Subject: Re: Postnatal Care

Posted by [Samia Aziz](#) on Mon, 07 Jun 2021 14:23:15 GMT

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Thanks for your response. What surprised me is, as stated in the report, In BDHS 2004, data were collected only for women who gave birth at home, assuming that women given birth in any health facility will receive postpartum care. But in the state code you are excluding home birth with the command

"replace within\_2days=1 if (m15\_1>=20 & m15\_1<96)" and including only institutional birth. Can you please clarify and help me in understanding this?

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Subject: Re: Postnatal Care

Posted by [Bridgette-DHS](#) on Mon, 07 Jun 2021 20:08:33 GMT

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Following is another response from DHS Research & Data Analysis Director, Tom Pullum:

The footnote to table 10.8 (in the BD 2004 report) says that if the birth was in a facility, then it is assumed that a postnatal checkup occurred within two days. That means all women with m15>=20 and <96 should get code 1. Women who did not give a birth in a facility are asked whether they went to a provider for a PNC and about the timing. So women with m52\_1<20 & m51\_1<=101 will also get code 1.

I agree that the structure of the questions is tricky. I looked at the questionnaire and at who is asked Q428, which is the source of m52.

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