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Subject: Re: Measuring postnatal care for baby (M70)  
Posted by [Bridgette-DHS](#) on Fri, 08 Jun 2018 18:17:16 GMT  
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Following is a response from DHS Senior Research Associate, Lindsay Mallick:

Please see program (attached and below) for calculating PNC. PNC is calculated for mothers and babies for the most recent births in the two years preceding the survey. Be sure to exclude women who could not identify the provider of the check. Also, note the way we collect information and calculate PNC has become more precise in DHS-7 surveys. See program attached and below.

\*Generate weight

iw=v005/1000000

\*DHS-7 and later surveys will have the b19 variable, age in months

\*To create age in months in older surveys, run the following lines

```
capture confirm variable b19
if _rc { // b19 does not exist, so create equivalent for old calculation method
    gen b19 = v008 - b3
    label variable b19 "Age of child in months or months since birth"
}
```

\*\*\*\*\*

\*PNC - 2008- DHS surveys

```
*pnc timing
recode m71 ( 100/202 =2 "PNC within 2 days") (203/305= 1 "PNC 3-41 days") (900/1000
=9 "Don't know, missing") (else=0 "No PNC or after 41 days") if bidx==1, gen(pnc2dbaby)
recode pnc2dbaby (1 0 9= 0 "No PNC, pnc 2+days or dk/miss") (2=1 "PNC within 2
days") if bidx==1, gen(pnc2dbaby)
lab var pnc2dbaby "Timing of PNC for child"
lab var pnc2dbaby "Postnatal care within 2 days"
gen pnc2dbaby = 0
ta pnc2dbaby if bidx==1 & b19<24 [iw=wt], m
```

```
*provider of pnc
recode m72 (11/29 = 1 "Skilled provider") (96 =0 "Non-skilled provider") ( else = 9 "Don't
know, missing") if bidx==1, gen (pncprovbaby)
gen pncprovbaby = 0
```

```
*pnc within 2 days
```

```
*PNC calculated if it was given by provider
```

```
gen skillpnc2dbaby = 0
```

```
replace skillpnc2dbaby = 1 if pnc2dbaby==1 & pncprovbaby==1
```

```
lab var skillpnc2dbaby "Postnatal care within 2 days by skilled provider"  
lab val skillpnc yesno  
ta skillpnc2dbaby if bidx==1 & b19<24 [iw=wt],m
```

\*\*\*\*\*

\*For DHS7 surveys:

\*!RUN ABOVE CODE AND THE FOLLOWING

```
*generate general variable for if they had a check at all or not  
gen check =0  
replace check =1 if (m70==1 |m74==1)
```

```
*for those newer surveys  
replace skillpnc2dbaby = 0 if check ==0
```

```
*Now look at babies born in a facility, if checked before discharge  
*provider of pnc check - health facility-born babies  
recode m76 (11/29 = 1 "Skilled provider") (96 =0 "Non-skilled provider") ( else = 9 "Don't  
know, missing") if check==1 , gen (pncprovbaby_hf)
```

```
*code timing of check if health facility delivery  
recode m75 ( 100/202 =2 "PNC within 2 days") (203/305= 1 "PNC 3-41 days") (900/1000  
=9 "Don't know") (else=0 "No PNC or after 41 days") if check==1, gen(pnctimebaby_hf)  
ta pnctimebaby_hf [iw=wt]
```

```
recode pnctimebaby_hf (1 0 9= 0 "No PNC, pnc 2+days or dk/miss") (2=1 "PNC within 2  
days") if check==1 , gen(pnc2dbaby_hf)  
lab var pnc2dbaby_hf "Postnatal care within 2 days"  
ta pnc2dbaby_hf bidx if b19<24 [iw=wt], m
```

```
*PNC calculated if it was given by medically trained provider  
gen skillpnc2dbaby_hf = 0 if bidx==1  
replace skillpnc2dbaby_hf = 1 if pnc2dbaby_hf==1 & pncprovbaby_hf==1 &check==1  
lab var skillpnc2dbaby_hf "Postnatal care within 2 days by skilled provider"  
ta skillpnc2dbaby_hf bidx if b19<24 [iw=wt], m
```

\*\*\*\*\*

```
*combine two timing variables  
gen newpnctimebaby = skillpnc2dbaby_hf  
*if they delivered at home or only got checked after discharge  
replace newpnctimebaby = 1 if skillpnc2dbaby==1 & (facdel==0 | facdel == 9 | (facdel  
==1 & m74==0 ))  
label var newpnctimebaby "Postnatal care within 2 days by skilled provider"  
tab newpnctimebaby bidx if b19<24 [iw=wt], col
```

## File Attachments

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1) [PNC old and new.do](#), downloaded 638 times

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