
Subject: M55 variable missing

Posted by [dnameispaone](#) on Mon, 25 Mar 2019 23:32:00 GMT

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Hi all,

I trying to calculate the prevalence of pre-lacteal feed and its determinants. However, there is no m55 variable in NFHS-4 India data sets. There are other m55 variables like m55a and so on.

I am using the child data sets.

How can I calculate the prevalence of pre-lacteal feed?

Subject: Re: M55 variable missing

Posted by [Mlue](#) on Wed, 27 Mar 2019 11:50:53 GMT

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Hello dnameispaone,

You can try teh following code.

For prelacteal feeding

```
*** EVER BREASTFED (ONLY LAST-BORN CHILDREN)
/*FOR ALL CHILDREN BLOCK THE STATEMENT WHICH STATES (drop if bidx>minbidx)*/
cap drop ever_breastfed
recode m4 (94=0 "No") (else=1 "Yes"), gen(ever_breastfed)
label var ever_breastfed "Ever breastfed"
label var ever_breastfed "Child ever breastfed?"
label val ever_breastfed ever_breastfed
```

```
*** PRELACTEAL FEEDING
cap drop prelacteal
gen prelacteal=0 if ever_breastfed==1
label define prelacteal 0"No" 1"Yes"
label var prelacteal "Percentage who received a prelacteal feed"
label val prelacteal prelacteal
```

```
foreach xvar of varlist m55a-m55j m55k m55x {
  replace prelacteal=1 if `xvar'==1
}
*
```

To match some figures in the report

[illegible]

```
capture confirm variable b19
if _rc {
  gen b19 = v008 - b3
  label variable b19 "current age of child in months (months since birth for dead children)"
}
*
```

```
recode child_age (0/1=1 "0-1") (2/3=2 "2-3") (4/5=3 "4-5") (6/8=4 "6-8") ///
(9/11=5 "9-11") (12/17=6 "12-17") (18/23=7 "18-23") (else=.), gen(child_age_grp)
```

* finding the youngest child living with the mother for each mother
bysort v001 v002 v003: egen minbidx=min(bidx)

[illegible]

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*** PRELACTEAL FEEDING

```
cap drop prelacteal
gen prelacteal=0 if ever_breastfed==1
label define prelacteal 0"No" 1"Yes"
label var prelacteal "Percentage who received a prelacteal feed"
label val prelacteal prelacteal
```

```
foreach xvar of varlist m55a-m55j m55k m55x {
  replace prelacteal=1 if `xvar'==1
}
*
```

*** CHILD BREASTFED WITHIN ONE HOUR **/

```
recode m34 (0/100=1 "Yes") (else=0 "No"), gen(within_hour)
label var within_hour "Child put to breast within an hour?"
label val within_hour within_hour
```

*** CHILD BREASTFED WITHIN ONE DAY **/

```
recode m34 (0/200=1 "Yes") (else=0 "No"), gen(within_one_day)
*label var within_one_day "Child put to breast within one day?"
*label val within_one_day within_one_day
```

*** DELIVERY

```
cap drop place_delivery
recode m15 (21/36=1 "Health facility") (11/13=2 "At home") ///
(else=3 "Other/Missing"), gen(place_delivery)
label var place_delivery "Place of delivery"
label val place_delivery place_delivery
```

*** SKILLED BIRTH ATTENDANT

```
cap drop skilled_birth
gen skilled_birth = 3
replace skilled_birth = 1 if m3a==1 | m3b==1 | m3c==1
replace skilled_birth = 2 if m3g==1 & (skilled_birth!=1)
label define skilled_birth 1"Health personnel" 2"Dai (TBA)" 3"Other" 4"Other/no one"
label var skilled_birth "Birth delivered by skilled birth attendant"
label val skilled_birth skilled_birth
```

*** YEARS OF EDUCATION

```
cap drop education_years
recode v133 (0=0 "No schooling") (1/4=1 "<5 years") (5/7=2 "5-7 years") ///
(8/9=3 "8-9 years") (10/11=4 "10-11 years") ///
(12/max=5 "12+ years"), gen(education_years)
label var education_years "Years of education - grouped"
label val education_years education_years
```

*** RELIGION

```
cap drop religion
```

```
recode v130 (1=1 "Hindu") (2=2 "Muslim") (3=3 "Christian") ///
(4=4 "Sikh") (5=5 "Buddhist/Neo-Buddhist") (6=6 "Jain") ///
(7/96=7 "Other"), gen(religion)
label var religion "Religious affiliation"
label val religion religion
```

*** CASTE OR TRIBE

cap drop caste_tribe

```
recode s116 (1=1 "Scheduled caste") (2=2 "Scheduled tribe") ///
```

```
(3=3 "Other backward class") (4.=4 "Other") (8=5 "Don't know"), gen(caste_tribe)
```

```
label var caste_tribe "Caste or tribe"
```

```
label val caste_tribe caste_tribe
```

**** DROP IF NOT WITHIN SAMPLE**

keep if prelacteal !=.

```
*qui regr prelacteal if v208 !=0 [pw=weight]
```

*drop if e(sample)!=1

[illegible]

**** CHECK:**

**** Table 10.4 Percentage who received a prelacteal feed ****

```
svy: tab residence prelacteal, percent format(%4.1f) row
```

```
svy: tab b4 prelacteal, percent format(%4.1f) row
```

```
svy: tab education_years prelacteal, percent format(%4.1f) row
```

```
svy: tab religion prelacteal, percent format(%4.1f) row
```

```
svy: tab caste_tribe prelacteal, percent format(%4.1f) row
```

```
svy: tab skilled_birth prelacteal, percent format(%4.1f) row
```

```
svy: tab place_delivery prelacteal, percent format(%4.1f) row
```

```
svy: tab wealth prelacteal, percent format(%4.1f) row
```

```
svy: tab region prelacteal, percent format(%4.1f) row
```

File Attachments

1) [PRELACTEAL FEEDING ON Stata _ INDIA DHS 2015-16.txt](#),
downloaded 616 times

Subject: Re: M55 variable missing
Posted by [dnameispaone](#) on Mon, 01 Apr 2019 22:31:27 GMT
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Thank you very much.

Subject: Re: M55 variable missing
Posted by [Mlue](#) on Mon, 01 Apr 2019 22:50:05 GMT
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I'm glad I could help,

To estimate the standard errors or confidence intervals for some of your analysis, please try to change the svyset command statement to:

```
svyset psu [pw = weight], strata(strata) singleunit(centered)
```

Subject: Re: M55 variable missing
Posted by [dnameispaone](#) on Wed, 17 Apr 2019 14:37:40 GMT
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Hi Mlue,

I am trying to replicate the findings from the table 10.1-10.3 from NFHS4. Which data file and which denominator should I use?

Subject: Re: M55 variable missing
Posted by [Mlue](#) on Thu, 18 Apr 2019 10:48:08 GMT
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Hello,

Please try this solution [https:// userforum.dhsprogram.com/index.php?t=tree&th=7079&go to=15086&#msg_15086](https://userforum.dhsprogram.com/index.php?t=tree&th=7079&goto=15086&#msg_15086).

It is not complete, but will point you in the right direction. I cannot get the exact figures, hopefully someone from the DHS experts will be able to assist you.

For the total, I'm getting 219 796, but the report has 219 760.

Subject: Re: M55 variable missing

Posted by [dnameispaone](#) on Fri, 26 Apr 2019 12:49:58 GMT

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Dear Mlue,

I hope you are fine. I am trying to identify the determinants of exclusive breastfeeding.

Could you please explain how to create a variable for exclusive breastfeeding in the KR file for the NFHS-4 using commands in Stata?

Subject: Re: M55 variable missing

Posted by [Mlue](#) on Fri, 26 Apr 2019 14:31:40 GMT

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Hello,

This will point you in the right direction. The code is supposed to work, but I think I'm missing something.

I'm not getting the exact percentages (maybe one of the DHS experts with assist you).

/*

EXCLUSIVE BREASTFEEDING

National Family Health Survey (NFHS-4)

India 2015-16

*/

```
clear all
set matsize 800
set maxvar 10000
set mem 1g
cd "C:\Users\MlulekiT\Documents\INDIA DHS"
use "IAKR72FL", clear
set more off
```

**

=====

**

** WEIGHT VARIABLE

gen weight = v005/1000000

**

=====

```

**

** SURVEY SET
gen psu = v021
//gen strata = v022
gen strata = v023
svyset psu [pw = weight], strata(strata) singleunit(scaled)

**

=====
**

sort caseid

** HHID
gen hhid=substr(caseid,1,12)
sort hhid

** PID
bys hhid: gen pid=_n

** HHSIZE
bys hhid: gen hhsize=_N

** HHTAG
egen hhtag=tag(hhid)

**

=====
**

// RENAME

rename v013 age
rename v106 education
rename v190 wealth
rename v025 residence
rename v024 region

**

=====
**

// GENERATING DEPENDENT VARIABLES

** Child age
// if b19 does not exist use: gen b19 = v008-b3
*lookfor b19

```



```
capture confirm variable b19
if _rc {
  gen b19 = v008 - b3
  label variable b19 "current age of child in months (months since birth for dead children)"
}
*
```

```
gen child_age=b19
```

```
recode child_age (0/1=1 "0-1") (2/3=2 "2-3") (4/5=3 "4-5") (6/8=4 "6-8") ///
(9/11=5 "9-11") (12/17=6 "12-17") (18/23=7 "18-23") (else=.), gen(child_age_grp)
```

```
keep if child_age_grp !=.
```

```
**
=====
**
```

```
** Child lives with respondent
```

```
keep if b9==0
```

```
**
=====
**
```

```
* finding the youngest child living with the mother for each mother
bysort v001 v002 v003: egen minbidx=min(bidx)
```

```
* keep only children less than 2 years
keep if child_age<24
```

```
* need to drop those that are bidx==2 and minbidx==1
drop if bidx>minbidx
```

```
**
=====
**
```

```
gen water=0
gen liquids=0
gen milk=0
gen solids=0
gen breast=0
gen bottle=0
```

```
*TO DETERMINE IF CHILD IS GIVEN WATER, SUGAR WATER, JUICE, TEA OR OTHER.
```

replace water=1 if (v409>=1 & v409<=7)

* IF GIVEN OTHER LIQUIDS

```
foreach xvar of varlist v409a v410 v410* v413* {  
  replace liquids=1 if `xvar'>=1 & `xvar'<=7  
}
```

*

cap replace liquids=1 if v412c>=1 & v412c<=7

* IF GIVEN POWDER/TINNED milk, FORMULA OR FRESH milk

```
foreach xvar of varlist v411 v411a v412 v414p {  
  replace milk=1 if `xvar'>=1 & `xvar'<=7  
}
```

*

* IF STILL BREASTFEEDING

replace breast=1 if m4==95

* IF WAS EVER BOTTLE FED

replace bottle=1 if m38==1

*IF GIVEN ANY SOLID FOOD

```
foreach xvar of varlist v414* {  
  replace solids=1 if `xvar'>=1 & `xvar'<=7  
}
```

replace solids=1 if v412a==1 | v412b==1

gen diet=7

replace diet=0 if water==0 & liquids==0 & milk==0 & solids==0

replace diet=1 if water==1 & liquids==0 & milk==0 & solids==0

replace diet=2 if liquids==1 & milk==0 & solids==0

replace diet=3 if milk==1 & solids==0

replace diet=4 if milk==0 & solids==1

replace diet=5 if milk==1 & solids==1

replace diet=6 if breast==0

label define diet 0"given only water" 1"given only liquids" 2"given only milks" ///

3"given only solids" 4"given only milk and solids" 5"not still breastfeeding" ///

6"not now being breastfed" 7"What"

label var diet "Breastfeeding status1"

label val diet diet

gen ebf=0

replace ebf=1 if diet==0

**

=====

**

```

** FEEDING
gen feeding=1
replace feeding=2 if water==1
replace feeding=3 if liquids==1
replace feeding=4 if milk==1
replace feeding=5 if solids==1
replace feeding=0 if breast==0
label define feeding 0 "Not breastfeeding" 1 "Exclusive breastfeeding" 2 "+Water" 3 "+Liquids" 4
"+Other Milk" 5 "+Solids"
label val feeding feeding

*creating the predominant breastfeeding variable.
recode feeding (0 4 5=0) (1/3=1), gen(predom)

*=====
=====*

** DROP IF NOT WITHIN SAMPLE
qui regr feeding if v208 !=0 [pw=weight]
drop if e(sample)!=1

**
=====
**

** CHECK
svy: tab child_age_grp feeding, count format(%4.0f)
svy: tab child_age_grp feeding, percent format(%4.1f) row

**
=====
**

** Exclusive breastfeeding
recode feeding (1=1 "Exclusive") (else=0 "Not exclusive"), gen(exclusive_feed)
label var exclusive_feed "Breastfeeding and consuming complementary foods"
label val exclusive_feed exclusive_feed

svy: tab exclusive_feed, count format(%4.0f) miss
svy: tab child_age_grp exclusive_feed, percent format(%4.1f) row

exit

```

Subject: Re: M55 variable missing

Posted by [dnameispaone](#) on Sat, 04 May 2019 11:34:05 GMT

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Hi Mlue,

I have a quick question for you. Which variable in the IR file represents the data for last birth? Is it bidx_01?

Regards,
