
Subject: Re: Cesarean section trends and associated factors
Posted by [Mlue](#) on Mon, 09 Dec 2019 19:43:51 GMT
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Hello,

The following may point you in the right direction. Please try this:

```
/* ANTENATAL CARE: ETHIOPIA DHS 2016 */
```

```
clear all
set matsize 800
set mem 1g
set maxvar 9000
cd "C:\Users\User1\Documents\ETHIOPIA DHS 2016\ETBR70DT"
use "ETBR70FL", clear
set more off
```

```
*****
```

```
*** WEIGHT VARIABLE
gen weight = v005/1000000
```

```
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```

```
** SURVEY SET
gen psu = v021
gen strata = v023
svyset psu [pw = weight], strata(strata) vce(linearized)
*svydes
```

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```
// RENAME
```

```
rename v013 age
rename v149 education
rename v190 wealth
rename v025 residence
rename v024 region
```

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```
/* FOR TABLE 9.1 */
```

```
/*
m2a      byte  %8.0g  M2A    prenatal: doctor
m2b      byte  %8.0g  M2B    prenatal: nurse
m2c      byte  %8.0g  M2C    prenatal: midwife
m2d      byte  %8.0g  M2D    prenatal: health officer
m2e      byte  %8.0g  M2E    prenatal: health extension worker
m2f      byte  %8.0g  M2F    prenatal: cs health professional
m2g      byte  %8.0g  M2G    prenatal: traditional birth attendant
m2h      byte  %8.0g  M2H    prenatal: cs other person
m2i      byte  %8.0g  M2I    prenatal: cs other person
m2j      byte  %8.0g  M2J    prenatal: cs other person
m2k      byte  %8.0g  M2K    prenatal: other
m2l      byte  %8.0g  M2L    prenatal: cs other
m2m      byte  %8.0g  M2M    prenatal: cs other
m2n      byte  %8.0g  M2N    prenatal: no one
*/
```

```
*****
```

** ANTENATAL CARE PROVIDER

```
cap drop ANC_provider
gen ANC_provider = 7 if m2a !=.
replace ANC_provider = 6 if m2f==1 | m2g==1 | m2h==1 | m2i==1 | m2j==1 | m2k==1 | m2l==1 |
m2m==1
replace ANC_provider = 5 if m2g==1
replace ANC_provider = 4 if m2e==1
replace ANC_provider = 3 if m2d==1
replace ANC_provider = 2 if m2b==1 | m2c==1
replace ANC_provider = 1 if m2a==1
replace ANC_provider = 9 if m2a==9
label var ANC_provider "Antenatal care provider"
label define ANC_provider 1"Doctor" 2"Nurse/midwife" 3"Health officer" ///
4"Health extension worker" 5"Traditional birth attendant" 6"Other" 7"No ANC"
label val ANC_provider ANC_provider
```

```
*****
```

** SKILLED ANTENATAL CARE PROVIDER

```

cap drop skilled_ANC
gen skilled_ANC=0
replace skilled_ANC=1 if inrange(ANC_provider,1,4)
tab skilled_ANC, m
label define skilled_ANC 0"Unskilled" 1"Skilled provider"
label var skilled_ANC "Antenatal care from a skilled provider"
label val skilled_ANC skilled_ANC

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**** ANTENATAL CARE VISITS**

```

cap drop antenatal_dhs
recode m14 (0=0 "None") (1=1 "1") (2/3=2 "2-3") (4/20=4 "4+") ///
(else=88 "DNK/Missing"), gen(antenatal_dhs)
label var antenatal_dhs "Antenatal visits - as in DHS report"
label val antenatal_dhs antenatal_dhs

```

*** Any antenatal care**

```

cap drop any_ANC
recode m14 (0 99=0 "None") (1/60 98=1 "1+ ANC visit"), gen(any_ANC)
label var any_ANC "Any antenatal care visit"
label val any_ANC any_ANC

```

*** Four or more (4+) antenatal care**

```

/*
cap drop four_plus_ANC
recode m14 (4/20=1 "4+") ///
(else=0 "None/<4/DNK/Missing"), gen(four_plus_ANC)
label var four_plus_ANC "Four or more antenatal care visits (recommended by WHO)"
label val four_plus_ANC four_plus_ANC
*/

```

```

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**

```

**** TIMING OF FIRST VISIT**

```

cap drop firs ANC_visit
gen firs ANC_visit =98
replace firs ANC_visit = 0 if m14 == 0

```

```

replace firs ANC_visit = 1 if m13 >= 0 & m13 <=3
replace firs ANC_visit = 2 if m13 >= 4 & m13 <=5
replace firs ANC_visit = 3 if m13 >= 6 & m13 <=7
replace firs ANC_visit = 4 if m13 >= 8 & m13 <=10
label define firs ANC_visit 0"No antenatal care" 1"<4" 2"4-5" 3"6-7" 4"8+" 98"Dont know"
label var firs ANC_visit "Number of months pregnant at time of first ANC visit"
label val firs ANC_visit firs ANC_visit

```

```

/*
cap drop rh_anc_moprg
recode m13 (.=0 "None") (0/3=1 "<4") (4 5=2 "4-5") (6 7=3 "6-7") ///
(8/90=4 "8+") (else=9 "DNK"), gen(rh_anc_moprg)
*/

```

```

*=====
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```

```

** DROP IF NOT WITHIN SAMPLE
keep if ANC_provider !=.

```

```

*****

```

```

*** CHECKS ***

```

```

** PART OF TABLE 9.2 - EDHS 2016: Number of ANC visits **
svy: tab antenatal_dhs residence, count format(%9.0f) miss
svy: tab antenatal_dhs residence, percent format(%9.1f) miss col

```

```

*****

```

```

exit

```

File Attachments

1) [ANTENATAL CARE _ EDHS 2016 _ Stata do file.txt](#), downloaded 346 times