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Subject: Nutritional status of women in Burundi in 2010

Posted by [baremma2002](#) on Mon, 17 Apr 2017 11:21:12 GMT

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Dear DHS users,

I want to check the results of nutritional status among women using Burundi DHS 2010 data before my analysis. First of all, I want to compute the numbers of women with usable body mass index values according to sociodemographic characteristics. I exclude women who were pregnant at the date of the survey and women who have given birth in the two months preceding the survey. I don't find the same numbers as those found in the DHS report (table 10.10, page 139). I know this question has already been asked for other countries but I don't happen to find the correct number (except the total number 4015) in Burundi. I used the following STATA commands:

```
use "BUIR61DT\BUIR61FL.DTA", clear
gen Weig2010= v005/1000000
gen bmi=v445/100
gen bmic=1 if bmi<18.5
replace bmic=2 if bmi>=18.5 & bmi<25
replace bmic=3 if bmi>=25 & bmi<30
replace bmic=4 if bmi>=30 & bmi<50
label define bmic 1"Underweight" 2"Normal" 3"Overweight" 4"Obese"
label values bmic bmic
```

```
gen ht_flag=0
replace ht_flag=1 if v438>9000
gen preg_flag=0
replace preg_flag=1 if v213==1
gen months_since_last_birth=v008-b3_01
gen recent_birth_flag=0
replace recent_birth_flag=1 if months_since_last_birth<=2
tab bmic if ht_flag==0 & preg_flag==0 & recent_birth_flag==0 [iweight=v005/1000000]
drop if v213==1
keep if v445<=5940
drop if bmic>4
```

```
egen strata = group(v024 v025), label
tab strata
```

```
svyset [pweight=Weig2010], strata(strata) psu(v001)
svy: tab bmic, count
```

```
gen Age=1 if v012>=15 & v012<=19
replace Age=2 if v012>=20 & v012<=29
replace Age=3 if v012>=30 & v012<=39
replace Age=4 if v012>=40 & v012<=49
label define Age 1"15-19" 2"20-29" 3"30-39" 4"40-49"
```

label values Age Age

// age, urban, region, education

svy: tab v013 if bmic!=., count

svy: tab Age if bmic!=., count

svy: tab v025 if bmic!=., count

svy: tab v024 if bmic!=., count

svy: tab v106, count

svy: tab v190, count

I don't find the correct numbers for example for age:

Age count

15-19 1119

20-29 1399

30-39 891.5

40-49 695.2

Total 4105

The DHS reported:

Age count

15-19 1113

20-29 1355

30-39 858

40-49 690

Total 4105

Any idea?

Thanks.

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Subject: Re: Nutritional status of women in Burundi in 2010

Posted by [baremma2002](#) on Tue, 18 Apr 2017 07:52:08 GMT

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I found where there was an error. I found the same numbers of women as in the DHS report.

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