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Subject: BMI

Posted by [tanvirpmc04](#) on Mon, 08 Apr 2024 17:42:15 GMT

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I have used the following codes for Nepal DHS 2022 dataset:

```
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<=1
tab bmic if ht_flag==0 & preg_flag==0 & recent_birth_flag==0 [iweight=v005/1000000]
```

The result is following:

bmic	Freq.	Percent	Cum.
-----+-----			
Underweight	936.250508	13.36	13.36
Normal	4,020.4742	57.37	70.74
Overweight	1,557.3877	22.22	92.96
Obese	493.271511	7.04	100.00
-----+-----			
Total	7,007.3839	100.00	

This does not correspond with the tables 11.21.2 & 11.21.3 in the Nepal DHS survey report 2022. These tables reported nutritional status of 6980 women. Why i can't match their findings? Please help.

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Subject: Re: BMI

Posted by [Janet-DHS](#) on Wed, 10 Apr 2024 13:00:40 GMT

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Following is a response from DHS staff member, Tom Pullum:

I used the two Stata lines given below, in the IR file, to confirm the n's for these two tables. (For this purpose, I did not need to construct bmic.) The only problem with what you did is that you

should have used b19\_01 to get the time since the latest birth.

```
tab v013 if v013>1 & v445<9998 & v213==0 & b19_01>1 [iweight=v005/1000000]
```

```
tab v013 if v013==1 & v445<9998 & v213==0 & b19_01>1 [iweight=v005/1000000]
```

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Subject: Re: BMI

Posted by [tanvirpmc04](#) on Wed, 10 Apr 2024 14:28:40 GMT

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Thank you for your response. I have corrected my mistake.

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