
Subject: unit of measurement

Posted by sultanatonni@gmail.com on Fri, 29 Jul 2016 16:03:39 GMT

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Dear sir/Madam

Please let me know what is the unit of measurement of BMI(body mass index) from women file(IR)

Thanks in advance

Subject: Re: unit of measurement

Posted by [Bridgette-DHS](#) on Fri, 29 Jul 2016 17:57:37 GMT

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Following is a response from Senior DHS Stata Specialist, Tom Pullum:

BMI is measured in units of kilograms divided by (meters squared). For example, if someone is 2 meters tall (6 ft. 6.74 inches) and weighs 100 kg (220.462 pounds) then their BMI is $100/(2 \text{ squared}) = 100/4=25$. See http://www.nhlbi.nih.gov/health/educational/lose_wt/BMI/bmic alc.htm, for example.

Subject: Re: unit of measurement

Posted by sultanatonni@gmail.com on Sat, 30 Jul 2016 14:08:13 GMT

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Actually, I need to know in women file(IR), the variable v445 indicate body mass index which data contain four digit value, what is the unit of measurement of this four digit value?

Thanks in advance

Subject: Re: unit of measurement

Posted by [Bridgette-DHS](#) on Mon, 01 Aug 2016 13:32:35 GMT

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Another response from Tom Pullum:

V445 is actually the BMI multiplied by 100. Sorry for ignoring that factor. Most of the anthropometry numbers in the data file have a factor of some power of 10. You need to divide by 100 to get the BMI. The units of measurement are as I described them, weight / height squared, with weight in kilograms and height in meters.
