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Subject: Calculating HAZ using pre-2006, CDC/WHO growth charts

Posted by [shu2013](#) on Tue, 06 Jan 2015 15:02:40 GMT

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I am doing an impact evaluation on a nutrition program in Colombia. For "pre" program time period I only have reports with the prevalence of stunting, wasting etc. that were calculated based on the pre-2006 WHO growth charts. I need to use the anthropometric data from the 2010 Col DHS and convert it to HAZ, but based on the old standard so that I can compare the data points. Is there a program that will allow me to do this?

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Subject: Re: Calculating HAZ using pre-2006, CDC/WHO growth charts

Posted by [Reduced-For\(u\)m](#) on Thu, 08 Jan 2015 01:29:45 GMT

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This appears to be an SAS program that would let you take your second round data and get the z-scores under the old standards, if you have raw height (say, in centimeters) in your newer data.

<http://www.cdc.gov/nccdphp/dnpao/growthcharts/resources/sas.htm>

Another trick might be to generate a fake dataset with all possible heights, and then use that SAS program above to back out the real heights of the kids in the old data from their z-score, and use that height to calculate new WHO standards for them.

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Subject: Re: Calculating HAZ using pre-2006, CDC/WHO growth charts

Posted by [shu2013](#) on Thu, 08 Jan 2015 12:25:10 GMT

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Thank you!

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