
Subject: Constructing Wealth Index in IR file
Posted by [kmdshoyaib](#) on Sat, 11 Mar 2023 02:48:35 GMT
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Hi there, if i want to construct a new wealth index in IR file using similar methodology used by DHS without including toilet and water source, can i do it using the variables available in IR file such as household has Electricity, Radio, TV, Bicycle etc?

Many variables such as Mattress, Chair, Sewing Machine, Water pump are not available in IR file and are available in HR file.

So do I need to merge IR file and HR file or can I make a new wealth index without those variables from HR file?

Thanks in advance

Subject: Re: Constructing Wealth Index in IR file
Posted by [Janet-DHS](#) on Wed, 15 Mar 2023 18:04:14 GMT
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Following is a response from DHS staff member, Tom Pullum:

The wealth index is calculated for households, including households that have no eligible respondents for the surveys of women and men. All the data for the index are in the HR file. If you start with the HR file and drop all the subscribed variables that refer to individuals in the household, you will have everything that is available for the principal components analysis. The DHS website gives details on what variables are used in the construction for each survey. You can work from that list, minus variables you want to omit.
