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Subject: Re: producing HAZ distributions  
Posted by [Liz-DHS](#) on Thu, 28 Jun 2018 13:10:35 GMT  
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A response from technical expert, Dr. Shireen Assaf,

Quote:

Dear Theo,

For any software you would need to use the PR files and use the variables hc70, hc71, hc72. For surveys before 2005 we have HW files that can be merged with the PR files to get the 2006 WHO reference values. The HW files contain the haz, waz, and whz according to the WHO reference. Then you can generate haz, waz, whz as follows (you can see the logic that you can adapt for your software of choice).

```
generate haz=hc70/100  
replace haz=. if hc70>600  
replace haz=. if hv103==0
```

Do the same as above for waz with hc71 and whz with hc72 . hv103 is the variable to indicate if the children are de facto or not. The DHS tables report anthropometric measures for de facto children (see notes on the bottom of the DHS tables).

The same software you use to clean and construct the variables should allow you to then plot the data.

We will only be able to answer questions on how to use the DHS data but cannot help with questions on which software to use or how to use it.

Hope these instructions will help.

Thank you.

Best,

Shireen Assaf