
Subject: stunting calculation

Posted by [Manasa](#) on Sat, 18 Mar 2023 14:04:10 GMT

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sir i have combined pr and kr data set of NFHS 5. however im not able to calculate statewide stunting and underweight percentage of children. How to approach it sir.

Subject: Re: stunting calculation

Posted by [Bridgette-DHS](#) on Mon, 20 Mar 2023 13:20:12 GMT

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

You do not need to combine the PR and KR files for this purpose. You use one file or the other. In the PR file, the relevant variables are hc70-hc72. In the KR file they are hw70-hw72. If you use the PR file you get a few more children--those who are in the household but whose mother is NOT in the household. I will paste the Stata lines below, illustrating the "tabstat" command, which some users may not know about. You can run the same lines in the KR file by changing hc to hw.

```
use "...IAPR7DFL.DTA", clear
```

```
keep if hc1<.
```

```
gen haz=hc70 if hc70>=-600 & hc70<=600
```

```
gen waz=hc71 if hc71>=-600 & hc71<=500
```

```
gen whz=hc72 if hc72>=-500 & hc72<=500
```

```
gen stunted=0
```

```
replace stunted=100 if haz<-200
```

```
gen underweight=0
```

```
replace underweight=100 if waz<-200
```

```
gen overweight=0
```

```
replace overweight=100 if whz>200
```

```
gen wasted=0
```

```
replace wasted=100 if whz<-200
```

```
tabstat stunted underweight overweight wasted [fweight=hv005], statistics(mean) by(hv024)  
format(%6.1f)
```

Subject: Re: stunting calculation
Posted by [Hajra Adil Nawaz](#) on Wed, 05 Jul 2023 17:20:15 GMT
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what syntax have to be added if we want to assess province wise stunting prevalence

Subject: Re: stunting calculation
Posted by [Bridgette-DHS](#) on Fri, 07 Jul 2023 14:05:23 GMT
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Following is a response from Senior DHS staff member, Tom Pullum:

In the Stata lines I gave, "by(hv024)" is the syntax for getting the prevalence of stunting, etc., within each category of hv024, which is "region", usually the first administrative level of a country. In India, hv024 is states. The original question was about India and the NFHS-5. In Pakistan hv024 is provinces. The syntax works for any other variable, such as wealth quintiles, education levels, etc.

Subject: Re: stunting calculation
Posted by [eceaydin](#) on Wed, 18 Oct 2023 12:13:47 GMT
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I would like to calculate the number of stunted children in the Uganda 2016 dataset. At the moment, because I needed to merge the IR and PR datasets, I will be using the PR to calculate this. I cannot use the hc variables because they are all missing values after the merging. So like this post mentions, I wanted to use the hw70 variable. However, in my dataset I have hw70_1, hw70_2 etc. for the different children. Do I need to create a new variable combining the children together? Or how else do I do this calculation? Any help is appreciated!

Subject: Re: stunting calculation
Posted by [Bridgette-DHS](#) on Thu, 19 Oct 2023 12:44:25 GMT
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Following is a response from Senior DHS staff member, Tom Pullum:

You should use either the hc variables in the PR file or the hw variables in the KR file. You do not need to use the IR file or to merge the IR and PR files. In the KR file, individual children are cases and the mother's information is on the child's record.
