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Subject: India 2019-2021 disability module

Posted by [UnseenDisability](#) on Thu, 11 Jul 2024 09:42:36 GMT

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Hello,

I have done the repair of the PR file with the script provided by DHS to include disability variables to the PR file. Unfortunately upon running the analysis with the "repaired" dataset, I'm getting a prevalence of hearing impairment among children aged 5-17 of approximately 15%, which is not only implausible, but it is not in line with the India country report. I believe it must have something to do with the way the dataset was constructed, and that the repair somehow did not really work. Or perhaps it has to do with the multiple strata with a single PSU. If you could provide guidance to this issue, I would be most grateful.

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Subject: Re: India 2019-2021 disability module

Posted by [Bridgette-DHS](#) on Thu, 11 Jul 2024 15:43:36 GMT

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

Users are asked to specify the number and table in the final report that they are trying to match. You are probably talking about tables 2.29-2.31 in the NFHS-5 final report.

Below I will paste a Stata program that produces estimates of the prevalence of each type of impairment for children age 5-17. The estimates appear to be consistent with the report, although I have not checked them carefully. You will have to change the paths.

use "... IAPR7EFL.DTA", clear

```
gen dis_hearing =9
gen dis_speech =9
gen dis_visual =9
gen dis_mental =9
gen dis_locomotor=9
gen dis_other =9
```

local letters "a b c d"

```
foreach ll of local letters {
  replace dis_hearing =sh33`ll'1a if sh33`ll'==hvidx
  replace dis_speech =sh33`ll'1b if sh33`ll'==hvidx
  replace dis_visual =sh33`ll'1c if sh33`ll'==hvidx
  replace dis_mental =sh33`ll'1d if sh33`ll'==hvidx
  replace dis_locomotor=sh33`ll'1e if sh33`ll'==hvidx
  replace dis_other =sh33`ll'1x if sh33`ll'==hvidx
}
```

```
label define dis 0 "No" 1 "Yes" 8 "DK" 9 "No one in hh has a disability"
label values dis_hearing dis
label values dis_speech dis
label values dis_visual dis
label values dis_mental dis
label values dis_locomotor dis
label values dis_other dis
```

```
keep hv024 hv001 hv002 hvidx dis*
gen state=hv024
gen cluster=hv001
gen hh=hv002
gen line=hvidx
```

```
cd e:\DHS\DHS_data\scratch
save lAtemp.dta, replace
```

```
use "...IAPR7EFL.DTA", clear
gen state=hv024
gen cluster=hv001
gen hh=hv002
gen line=hvidx
merge 1:1 state cluster hh line using lAtemp.dta
tab1 dis_* if hv105>=5 & hv105<=17
tab1 dis_* if hv105>=5 & hv105<=17 [iweight=hv005/1000000]
```

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