Subject: KDHS 2022: Table 2.17 Food security status
Posted by sokiya on Mon, 04 Dec 2023 15:29:16 GMT
View Forum Message <> Reply to Message

Hi,
I am interested in reproducing the results in Table 2.17. I have checked the DHS GitHub repository but I haven't found anything.
Thanks in advance!

Subject: Re: KDHS 2022: Table 2.17 Food security status
Posted by Bridgette-DHS on Tue, 05 Dec 2023 12:12:26 GMT
View Forum Message <> Reply to Message

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

This is a new table and it depends on the specific questions about foods included in the questionnaire. We do not have Stata code for this table and cannot take the time to prepare it. You can read about the Food Consumption Score here (https://inddex.nutrition.tufts.edu/data4diets/indicator/food -consumption-score-fcs) and elsewhere.

Subject: Re: KDHS 2022: Table 2.17 Food security status
Posted by sokiya on Tue, 05 Dec 2023 17:33:10 GMT
View Forum Message <> Reply to Message

Can you share the CPSro syntax used so that I can replicate it? As you already know, some of the tables aren't reproducible even based on your Stata codes in GitHub repor. I don't want to take time to reproduce an indicator based on another public document. I would rather replicate what DHS has done and then we pick from there.

Subject: Re: KDHS 2022: Table 2.17 Food security status
Posted by sokiya on Wed, 06 Dec 2023 06:18:43 GMT
View Forum Message <> Reply to Message

For anyone interested in reproducing the table with Stata, the code below does it

```
use "KEHR8AFL.dta", clear
desc sh148ca sh148cb sh148cc sh148cd sh148ce sh148cf sh148cg sh148ch sh148ci sh148cj
sh148ck sh148cl sh148cm sh148cn sh148co sh148cp

gen g1 = (sh148ca + sh148cb) // Cereals and roots
gen g2 = sh148cc // Pulses, nuts
```

```
gen g3 = (sh148cd + sh148ce + sh148cf) // Vegetables
gen g4 = (sh148cg + sh148ch) // Fruits
gen g5 = (sh148ci + sh148cj + sh148ck + sh148cl) // mMats
gen g6 = sh148cm // Milk
gen g7 = sh148co // Sugar
gen g8 = sh148cp // Oils

forvalues i=1/8 {
 replace g`i' = 7 if g`i' > 7 & g`i' < .
}

gen FCS = (g1*2) + (g2*3) + (g3*1) + (g4*1) + (g5*4) + (g6*4) + (g7*0.5) + (g8*0.5)
label var FCS "Food Consumption Score"
recode FCS (0/21 = 1 "Poor") (22/35 = 2 "Borderline") (nonmissing = 3 "Acceptable") (missing=.),
gen(FCG_Groups)

ta FCG_Groups, m
ta FCG_Groups [iw=hv005]
```

Subject: Re: KDHS 2022: Table 2.17 Food security status
Posted by Bridgette-DHS on Wed, 06 Dec 2023 15:38:04 GMT
View Forum Message <> Reply to Message

From Senior DHS staff member, Tom Pullum:

Congratulations on constructing the Stata code yourself! Other users will be able to refer to this.

Subject: Re: KDHS 2022: Table 2.17 Food security status
Posted by dkadengye on Wed, 13 Mar 2024 09:54:28 GMT
View Forum Message <> Reply to Message

Dear,
The code is very helpful and thank you.
For this same table, I would be happy if you managed to get around how the coping strategy index was computed in Stata.
Thank you.
Damazo
