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Subject: Food security- South Africa DHS 2016  
Posted by [Shek](#) on Thu, 07 Jan 2021 05:05:10 GMT  
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I am having problem replicating the number of households reported in table 2.18 (Food security adults, number of household=11,016) and table 2.19 (Food security children, number of household=5923) in the 2016 South Africa Demographic Health Survey report.

The number of households i got those not tally with the table.

I would be glad if someone could assist me with the codes.

Thank you very much.

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Subject: Re: Food security- South Africa DHS 2016  
Posted by [Shireen-DHS](#) on Tue, 12 Jan 2021 17:27:51 GMT  
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Hello,

Tables 2.18 and 2.19 are among households but we still need to select for de jure residents for this indicator. To do this you must start with the PR file the collapse to the household level. If you are interested in these indicators at the individual level instead of the household level then you do not need to perform the collapse. The Stata code below will match the tables.

Thank you.

Best,

Shireen Assaf  
The DHS Program

```
gen wt=hv005/1000000
```

```
*create the indicator among adults selecting for de jure and the age range
```

```
gen foodadult=sh124d if hv102==1 & inrange(hv105,18,95)
```

```
*create dummy variables for each category
```

```
tab foodadult, gen(cfoodadult)
```

```
*create the indicator among children selecting for de jure and the age range
```

```
gen foodchild=sh124e if hv102==1 & inrange(hv105,0,17)
```

```
*create dummy variables for each category
```

```
tab foodchild, gen(cfoodchild)
```

```
*collapse to household level
```

```
collapse (mean) cfood* hv005 [iw=wt] , by(hv001 hv002)
```

gen wt=hv005/1000000

\*tabulate all categories to match tables 2.18 and 2.19.

tab1 cfood\* [iw=wt]

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Subject: Re: Food security- South Africa DHS 2016  
Posted by [Shek](#) on Wed, 13 Jan 2021 17:04:42 GMT  
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Dear Shireen,

Thank you very much for your assistance

Kind regards

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