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Subject: IRS in last 12 months

Posted by [Nelly\\_WHO](#) on Wed, 29 Mar 2017 14:08:49 GMT

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Hello,

I am trying to reproduce the same figures as those published in the Statcompiler on the % of households with IRS in last 12 months. For some reasons, my figures do not align with yours. Would it be possible to share the stata/sas code that have been used to calculate those figures so I can compare?

With the following code, the % for Kenya, 2014 is 2.5%. In Stata compiler it is 0.8%. what am I doing wrong? Is anyone can help?

Thank you very much,  
Nelly

```
// Determine whether the survey has the variables of interest: IRS
cap confirm variable hv253
if _rc == 0 {
    summ hv253
    if `r(N)' != 0 {

        rename hv253 irs_in_last_12mo
        replace irs_in_last_12mo = . if irs_in_last_12mo > 1

        gen sample_weight = hv005 / 1000000

        rename hv001 cluster_num

        keep iso3 startyear endyear module survey cluster_num hv023 sample_weight
        irs_in_last_12mo

        // loop through to calculate survey-weighted means & SEs
        svyset [pweight=sample_weight], psu(cluster_num) strata(hv023)

        local m irs_in_last_12mo
        svy: mean `m'
        ereturn list
        matrix mean_IRS = e(b)
        matrix variance_IRS = e(V)
        matrix N_IRS = e(N_psu)
        local mean = mean_IRS[1,1]
        local se = sqrt(variance_IRS[1,1])
        local N = N_IRS[1,1]
        gen mean_`m' = `mean'
        gen semean_`m' = `se'
        gen uci_`m' = mean_`m' + 1.96*semean_`m'
```

```
gen lci_`m' = mean_`m' - 1.96*semean_`m'  
gen N = `N'  
drop semean*
```

```
keep iso3 startyear endyear module survey mean_* uci* lci* N  
keep in 1
```

```
save " ${outdir}/${iso3}_${startyear}_${endyear}_${survey}_${module }_IRS.dta ", replace
```

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