```
*clear all

set mem 1g

set matsize 800

cd "C:\Users\Dubile\Desktop\smokefiles_new" // CHANGE TO YOUR FOLDER PATH //

use SMOKEDATA, clear



*************************************************************************



*** YEAR = 2013

** PREVALENCE OF SMOKING



*************************************************************************



** WEIGHT VARIABLE

gen weight = v005/1000000



*************************************************************************



** SURVEY SET

gen psu =    v021

gen strata = v022
```

```
svyset psu [pw = weight], strata(strata) vce(linearized)


svyset [pweight = weight], psu(psu) strata(strata) vce(linearized)


*****************


** SVYDESCRIBE
/* This checks whether or not your svyset agrees with what has been published
on the country's DHS report */


svydescribe


*********************************************************************


// RENAME


rename v013 age
rename v106 education
rename v190 wealth
```

```
rename v025 residence

rename v024 region

rename sdist district



*=========================================================================*



// SMOKING INDICATORS //



** CIGARETTES

recode v463a (0 9 = 0 "No") (1 = 1 "Yes"), gen(cigarettes)

label var cigarettes "Smokes cigarettes"

label val cigarettes cigarettes



* now check it

tab age cigarettes [iw = weight], row nofreq



*=========================================================================*



** PIPE

recode v463b (0 9 = 0 "No") (1 = 1 "Yes"), gen(pipe)
```

```
label var pipe "Smokes pipe"

label val pipe pipe


* now check it

tab age pipe [iw = weight], row nofreq


*=======================================================================*


** OTHER TOBACCO


/*

I do not know which variables constitute "Other tobacco".


I've searched for DHS documents with no luck as to how this variable is derived

(as in Table 3.9.1 of SIerra Leone DHS report)


_____


I bet if you ask a question on this forum, someone will just direct you to

documents you've probably read.
```

```
****************


recode ??? (0 9 = 0 "No") (1 = 1 "Yes"), gen(other_tobacco)

label var other_tobacco "Smokes other tobacco"

label val other_tobacco other_tobacco


* now check it

tab age other_tobacco [iw = weight], row nofreq


*/


*=======================================================================*


** DOES NOT USE TOBACCO


recode v463z (0 9 =0) (1=1 "No tobacco"), gen(does_not_use_tobacco)

label var does_not_use_tobacco "Does not use tobacco products"

label val does_not_use_tobacco does_not_use_tobacco
```

```
* now check it

tab region does_not_use_tobacco [iw = weight], row nofreq



*=========================================================================*



** DROP IF NOT WITHIN SAMPLE

qui regr cigarettes pipe /*other_tobacco*/ does_not_use_tobacco  [pw=weight]

drop if e(sample)!=1              /* drop observations with missings on any variable to be used in analysis */



*********************************************************************************

** CHECK

svy: tab cigarettes, count format(%4.0f)

svy: tab cigarettes, percent format(%4.1f)



svy: tab pipe, count format(%4.0f)

svy: tab pipe, percent format(%4.1f)



/*

svy: tab other_tobacco, count format(%4.0f)

svy: tab other_tobacco, percent format(%4.1f)
```

```
*/


svy: tab does_not_use_tobacco, count format(%4.0f)

svy: tab does_not_use_tobacco, percent format(%4.1f)


*********************************************************************************
```