STaTa®
Statistics/Data analysis

```stata
//  Program    01-dataPrep-hhDemogVars
//  Task:      cleans household demographic variables using the Kenyan survey data
> (2015/16 KIHBS)
//  Project:   Kenya Fical MicroSim
//  Author:    Yared Seid - 2023Jan11


// #1
// Loading the data
use "${dataSources}\Kenya_2015_16_KIHBS\HH_Information.dta", clear


// #2
// Generating vars

* interview date
rename iday date_interview
format date_interview %td
label var date_interview "Date on which interview was conducted"

* IDs
codebook county clid hhid

qui tostring clid,      gen(clusterID) format(%04.0f)                    // cluster i
> d
qui tostring hhid,      gen(hhid_STR) format(%02.0f)                     // houdehold
>  id, within county and cluster

label var clusterID "Cluster ID"

gen hhID = clusterID + hhid_STR
label var hhID "Household ID"
isid hhID

* hh size
rename hhsize hh_size
label var hh_size "Household size"

* weights
rename weight hh_weight
label var hh_weight "Household weight"

gen ind_weight = hh_weight * hh_size
label var ind_weight "Individual weight"

* geography/strata
clonevar strata1 = strat
label var strata1 "Strata1: Sampling strata"

clonevar strata2 = resid
label var strata2 "Strata2: 1 - Rural, 2 - Urban"
label define strata2 1 "Rural" 2 "Urban"
label val strata2 strata2

clonevar strata3 = eatype
label var strata3 "Strata3: 1 - Rural, 2 - Urban, 3 - Peri-Urban"
label define strata3 1 "Rural" 2 "Urban" 3 "Peri-Urban"
label val strata3 strata3
```

```
// #3
// Saving the data
* keeping slected vartiables
local keepVars county clid clusterID hhID hh_weight ind_weight strata1 strata2 strat
> a3 date_interview hh_size

/* To assign Yes/No value lable to dummy variables */
local yesnoVars

order `keepVars'
keep `keepVars'

sort hhID
codebook hhID


* saving details
local dta_name          01-dataPrep-hhDemogVars
local dta_note          "Household demographic variables"


include "${DataCleaningPath}\i-dta-savingDetails.do"    // saving the data with addi
> tional info on notes, labels, etc
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// #4
// Post-data-saving checking



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```