



```
// Program:      00-dataPrep-Master.do
// Task:         this master do file runs all the do files that cleans the Kenyan sur
> vey data (2015/16 KIHBS)
// Project:      Kenya Fical MicroSim
// Author:       Yared Seid - 2023Jan11

*=====
* Preamble
*=====
>
    version 17
    clear all
    set more off
    macro drop _all
    set linesize 200
    set type double, permanently

    local currDir: sysdir STATA                                // change the direct
> ory to "...Stata\Data"
    cd "`currDir'Data"

    global ys_archives      = 0                                // =1, to archive dofiles, =0 turns
> OFF, so doesn't archive
    local margin = 0.75                                         // setting left & right margins of logfiles
> "translate" to pdf
    local font = 10                                              // setting font size of logfiles "translate"
> to pdf

*=====
* Basic project info and their assignement to global macros
*=====
>
    global dataDateStamp: display %tdCCYY-NN-DD date(c(current_date), "DMY")

    global ys_EPL_Projects      "C:\Users\wb484182\OneDrive - WBG\1ys_EPL\1P
> rojects"
    global countryName          "Kenya"
    global fiscal_year          "2022FY"
    global simulationName        "FiscalMicrosim"
    global surveyName           "Kenya 2015/16 KIHBS"

    /* Here below is the name of cleaned final hh survey data which will be save
> d in the "${simulationName}\\01.Data" folder and used as an input in the microsim
> assessment. */
    *      global cleanedHHSurveyData      "${countryName}_${simulationName}_hhSurvey_c
> leanedData"
    global cleanedSurveyData_dem_inc      "${countryName}_${simulation
> Name}_hhSurvey_cleanedData_dem_inc"
    global cleanedSurveyData_exp          "${countryName}_${simulationName}_hh
> Survey_cleanedData_exp"

*****

    /* Please change this to your own path */
    if (lower("`c(username)'"') == "wb484182"){                // Yared's data-clea
> ning path
        global DataCleaningPath "${ys_EPL_Projects}\\${countryName}-${fiscal
> _year}-${simulationName}\\Assessments\DataCleaning"
    }
    else if (lower("`c(username)'"') == ""){
        global DataCleaningPath " "                            // put your own fold
> er path here
```

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}
```

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*=====
*                               * Global paths to data cleaning directories
*=====
>
    global dataAdo                               "${DataCleaningPath}\DataAdos"
    global dataDataSignatures "${DataCleaningPath}\DataDataSignatures"
>
    global dataLogfiles                         "${DataCleaningPath}\DataLogfiles"
    global dataSources                         "${DataCleaningPath}\DataSources"
>

*=====
*                               * Adding ado directory at the beginning of the system's ado path
*=====
cap qui adopath++ "${dataAdo}" // this is a folder where the project ado files are
> saved

*=====
*                               * Opening a logfile
*=====
    cap log close DataMasterLogfile

    log using "${dataLogfiles}\\${countryName}-${simulationName}-DataMasterLogfi
> le.smcl", ///
                               replace smcl name(DataMasterLogfile)

*=====
*                               * Running the do files
*=====
do "${DataCleaningPath}\01-dataPrep-hhDemogVars.do"
do "${DataCleaningPath}\02-dataPrep-hhMemberDemogVars.do"
do "${DataCleaningPath}\03-dataPrep-incomeVars.do"
do "${DataCleaningPath}\04-dataPrep-OtherIncomes-transfersAndPensions.do"
do "${DataCleaningPath}\05-01-dataPrep-expVars-foodAndNonfood.do"
do "${DataCleaningPath}\05-02-dataPrep-expVars-consumptionAgg.do"

do "${DataCleaningPath}\99-01-dataPrep-${cleanedSurveyData_dem_inc}.do"
do "${DataCleaningPath}\99-02-dataPrep-${cleanedSurveyData_exp}.do"

*=====
*                               * Closing the logfile
*=====
    macro list                                     // Documenting macros

    log close DataMasterLogfile

    local currDir: sysdir STATA                     // change the direct
> ory to "...Stata\Data"
    cd "`currDir'Data"
*=====

// ARCHIVING LOGFILE

```

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/* Archiving the logfile in text file too */
if ${ys_archives} ==1 {      // if archives ==1, it puts date stamp on lo
> gfile
    * logfile in text format
    translate "${dataLogfiles}\\${countryName}-${simulationName}-DataMasterLogfi
> le.smcl" "${dataLogfiles}\\1Archived\\${countryName}-${simulationName}-DataMa
> sterLogfile-[${dataDateStamp}].txt", replace translator(smcl2txt)
    * copying smcl logfile to the archive folder
    copy "${dataLogfiles}\\${countryName}-${simulationName}-DataMasterLo
> gfile.smcl" "${dataLogfiles}\\1Archived\\${countryName}-${simulationName}-DataMast
> erLogfile-[${dataDateStamp}].smcl", replace public

    }

/* This part turns the archiving OFF, so it doesn't archive */
else if ${ys_archives} !=1 {    // if archive !=1, it DOES NOT put a date stamp on l
> og file
    * logfile in pdf format
    translate "${dataLogfiles}\\${countryName}-${simulationName}-DataMasterLogfi
> le.smcl" "${dataLogfiles}\\${countryName}-${simulationName}-DataMasterLogfile.pdf"
> , replace translator(smcl2pdf) lmargin(`margin') rmargin(`margin') font(`font')
    }

exit

```