# Line 1892 of Berlin\_LeistungsbildTeil1\_v7.Rmd.

# Line 2414 of Berlin\_LeistungsbildTeil1\_v7.Rmd.

D:/GITHUB\_REPOS/co2emissions/Berlin/FindArea/areas\_berlin\_bezirke.csv.   
anzahl\_gebaeude\_1FH, anzahl\_wohnungen\_2FH, anzahl\_wohnungen\_MFH are the respective columns. These will give you the number of SFH and MFH apartments in berlin. Extract the 2014 value.  
**It has to be along these lines: D:/GITHUB\_REPOS/co2emissions /Berlin/BezirkAnalysis/getBezirkAreas.R**

Next look at this file:   
D:/GITHUB\_REPOS/co2emissions/Berlin/SB\_F01-02-00\_2014j04\_BE.pdf  
This contains the Haushalte split by the building type in Berlin. This contains the info for 2014.

Then you had also the total population. This is given in D:/GITHUB\_REPOS/co2emissions/Berlin/BezirkAnalysis/PopulationBezirke/BerlinBezirkPopulation.csv  
The population you can find as follows:

source("D:/GITHUB\_REPOS/co2emissions/Berlin/BezirkAnalysis/getBerlinBezirkPopulation.R")

bezirk\_population <- getBerlinBezirkPopulation()

source("D:/GITHUB\_REPOS/co2emissions/Berlin/BezirkAnalysis/getRowSums.R")  
bezirk\_population <- getRowSums(bezirk\_population , dropCols = "abrechnungsjahr")

Extract the 2014 value from the above.

As a final check: The total population in the Bezirks is given here: D:/GITHUB\_REPOS/co2emissions/Berlin/BezirkAnalysis/PopulationBezirke/BerlinBezirkPopulation.csv.

Create a new function that calculates/estimates the population in MFH and SFH in each bezirk.