Martín-Consuegra, Fernando; Frutos, Fernando de; Alonso, Carmen; 2021; Statistical analysis of energy poverty distribution in the city of Madrid [dataset]; DIGITAL.CSIC; https://doi.org/10.20350/digitalCSIC/14137

File formats, file structure and file nomenclature

The information is prepared by means of a Geographic Information System. It consists of a spatial information file with vectorial information of the census sections of Madrid and a database with the values of the energy bills on income variable for each one of them.

The list of files is as follows:

- energyPoverty.cpg
- energyPoverty.dbf
- energyPoverty.prj
- energyPoverty.shp
- energyPoverty.shx
- pobreza10

*.qml files contain visualisation information for the two main variables

The variables containing information for each census precinct are listed as following:

VARIABLE	DESCRIPTION	UD
totvivs	Number of dwellings	uds
demindic	Heating energy rating of the census precinct	kWh/m2
gas	Number of gas-heated dwellings	uds
electricid	Number of electric-heated dwellings	uds
otros	Number of other energy sources-heated dwellings	uds
consugas	Gas consumption for heating	kWh
consuelec	Electricity consumption for heating	kWh
consutotcal	Total consumption for heating	kWh
consumedio	Average energy consumption per dwelling in kWh	kWh
consumedeur	Average energy consumption per dwelling in euros	€
renta	Median household income	€ (bracket)
presionene	Energy bills on income	%