Package 'censusGeography'

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Type Package

Title Changes United States Census Geographic Code into Name of
Location

Version 0.1.0

Depends R (>= 2.10)

Imports qdapTools

Description Converts the United States Census geographic code for city, state (FIP and ICP),
region, and birthplace, into the name of the region. e.g. takes an input of
Census city code 5330 to it's actual city, Philadelphia. Will return NA for code
that doesn't correspond to real location.

License GPL

LazyData TRUE

RoxygenNote 5.0.1.9000

NeedsCompilation no

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Repository CRAN

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R topics documented:

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birthplace_census   *Census code and location name for Census birthplace locations*

Description

A dataset containing the code and location name for every location included in the US Census birthplace list.

Usage

```
birthplace_census
```

Format

A data frame with 533 rows and 2 variables:

code Census code for the birthplace

location Name of the state, county, or region corresponding with the code ...

Source

<https://usa.ipums.org/usa-action/variables/BPL#codes_section>

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censusGeography   *Census Geography*

Description

Census Geography

Usage

```
censusGeography(dataset, type = c("city", "stateFIP", "stateICP", "region",
  "birthplace"))
```

Arguments

dataset	Enter a list, dataframe, or single number, that is the code for a geographic area from the United States Census
type	Choose which geographic level the code is connected with. Options are city, state FIP code, state ICP code, region, and birthplace.

Value

Dataframe of two columns. The first column is the name of the location, the second column is the location code (same as the input). If no match, will return NA as location name

Examples

```
census_city_codes <- c(210, 2489, 5350, 1330)
censusGeography(census_city_codes, type = "city")

# Input can be character type too
census_city_codes <- c("210", "2489", "5350", "1330")
censusGeography(census_city_codes, type = "city")

censusGeography(42, type = "region")

# If no match is found, will return NA for location name
censusGeography(0, type = "region")

census_stateFIP_code <- data.frame(c(1,2,4), c("test", "test2", "test3"))
names(census_stateFIP_code) <- c("code", "character_type_column")
censusGeography(census_stateFIP_code$code, type = "stateFIP")
```

census_city   *Census code and city name for City geographies*

Description

A dataset containing the code and city name for every city included in the US Census.

Usage

```
census_city
```

Format

A data frame with 1168 rows and 3 variables:

Code Census code for the city

City Name of the city corresponding with the code

State Name of the state that the city is in ...

Source

https://usa.ipums.org/usa-action/variables/CITY#codes_section

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census_region   *Census code and region name for Census region geographies*

Description

A dataset containing the code and region name for every region included in the US Census region list.

Usage

```
census_region
```

Format

A data frame with 17 rows and 2 variables:

region Name of the region corresponding with the code

code Census code for the region ...

Source

<https://usa.ipums.org/usa-action/variables/REGION#codes_section>

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stateFIP   *Census code and state name for Census State FIP geographies*

Description

A dataset containing the code and state name for every state included in the US Census State FIP list.

Usage

```
stateFIP
```

Format

A data frame with 62 rows and 2 variables:

state Name of the state corresponding with the code

FIP_code Census FIP code for the state ...

Source

<https://usa.ipums.org/usa-action/variables/STATEFIP#codes_section>

stateICP	*Census code and state name for Census State ICP geographies*

Description

A dataset containing the code and state name for every state included in the US Census State ICP list.

Usage

```
stateICP
```

Format

A data frame with 55 rows and 2 variables:

state Name of the state corresponding with the code

ICP_code Census ICP code for the state ...

Source

https://usa.ipums.org/usa-action/variables/STATEICP#codes_section

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