Package 'CDCPLACES'

Type Package

Title Access the 'CDC PLACES' API

Version 1.1.5

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Description Allows users to seamlessly query several 'CDC PLACES' APIs (<https://data.cdc.gov/browse?q=PLACES%20&sortBy=relevance>) by geography, state, measure, and release year. This package also contains a function to explore the available measures for each release year.

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URL https://github.com/brendensm/CDCPLACES, https://brendensm.github.io/CDCPLACES/

Encoding UTF-8

RoxygenNote 7.2.3

Suggests testthat (>= 3.0.0)

Config/testthat/edition 3

Imports curl, dplyr, httr, httr2, jsonlite, tidyr, tigris, sf, usa

Depends R (>= 2.10)

NeedsCompilation no

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Repository CRAN

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R topics documented:

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get_dictionary   *View the 'CDC PLACES' data dictionary*

Description

This function provides the user with a data frame that shows all of the available measures in the
PLACES data set and for which release years the measures are included. #'

Usage

```
get_dictionary()
```

Value

a dataframe with the current PLACES data dictionary.

Examples

```
# First save the data
dictionary <- get_dictionary()
# Then view the data frame
# View(dictionary)
```

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get_places   *Obtain data from the CDC PLACES APIs.*

Description

Use this function to access CDC PLACES API data. Measures are sourced from the Behavioral
Risk Factor Surveillance System and the American Community Survey ACS.

Usage

```
get_places(
  geography = "county",
  state = NULL,
  measure = NULL,
  county = NULL,
  release = "2023",
  geometry = FALSE
)
```

Arguments

geography	The level of desired geography. Currently supports 'county' and 'census'.
state	Specify the state of the desired data using the two letter abbreviation. Supports multiple states if desired.
measure	Specify the measures of the data pull. Supports multiple states if desired. For a full list of available measures, see the function 'get_dictionary'.
county	Specify the county of the desired data using the full name of the county, with a capital letter.
release	Specify the year of release for the PLACES data set. Currently supports years 2020-2023.
geometry	if FALSE (the default), return a regular data frame of PLACES data. If TRUE, uses the tigris package to return an sf data frame with simple feature geometry in the 'geometry' column.

Value

A tibble that contains observations for each measure (adjusted and unadjusted prevalence) and geographic level.

Examples

```
get_places(geography = "county", state = "MI", measure = "SLEEP", release = "2023")
get_places(geography = "county", state = c("MI", "OH"),
measure = c("SLEEP", "ACCESS2"), release = "2023")
```

Index