Package: CDCPLACES (via r-universe)

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Type Package

Title Access the 'CDC PLACES' API

Version 1.1.8

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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

LazyData true

RoxygenNote 7.3.1

Suggests testthat (>= 3.0.0)

Config/testthat/edition 3

Imports curl, yyjsonr, tigris, sf, stats, zctaCrosswalk

Depends R (>= 2.10)

Repository https://brendensm.r-universe.dev

RemoteUrl https://github.com/brendensm/cdcplaces

RemoteRef HEAD

RemoteSha 0b18b707b7b2f654c53f0c64735aa636cfa22e05

Contents

1

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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.*

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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 = "2024",
  geometry = FALSE,
  cat = NULL,
  age_adjust = NULL
)
```

Arguments

geography	The level of desired geography. Currently supports 'county', 'census', and 'zcta'.
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.
cat	Specify the category of measures to return. Overrides the argument 'measure'. Category ID must be used here. Options include 'DISABILT', 'HLTHOUT', 'HLTHSTAT', 'PREVENT', 'RISKBEH', and 'SOCLNEED' (for release 2024). To see all the available categories and their corresponding variables, run get_dictionary.
age_adjust	For queries on the county level only. If TRUE, returns only the age-adjusted values.

Value

A data frame that contains observations for each measure 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