Package ‘covid19us’

September 7, 2020

Title Cases of COVID-19 in the United States
Version 0.1.7
Description A wrapper around the 'COVID Tracking Project API'
<https://covidtracking.com/api/> providing data on cases of COVID-19 in the US.
License MIT + file LICENSE
Imports curl (>= 4.3), dplyr (>= 0.8.3), glue (>= 1.3.1), htr (>= 1.4.1), lubridate (>= 1.7.4), magrittr (>= 1.5), purrr (>= 0.3.3), snakecase (>= 0.11.0), stringr (>= 1.4.0), tibble (>= 2.1.3), tidyr (>= 1.0.2)
Suggests covr (>= 3.4.0), testthat (>= 2.1.0)
Encoding UTF-8
LazyData true
RoxygenNote 7.1.1
NeedsCompilation no
Author Amanda Dobbyn [aut, cre]
Maintainer Amanda Dobbyn <amanda.e.dobbyn@gmail.com>
Repository CRAN
Date/Publication 2020-09-07 07:20:03 UTC

R topics documented:

get_counties_info .................................................. 2
get_info_covid19us .................................................. 2
get_states_current .................................................. 3
get_states_daily .................................................... 3
get_states_info ..................................................... 4
get_tracker_urls .................................................... 4
get_us_current ....................................................... 5
get_us_daily ........................................................ 5
refresh_covid19us .................................................. 6

Index 7
get_counties_info  Get COVID-related information for certain counties

Description
Currently limited to the worst-affected counties in mostly Washington state, California, and New York.

Usage
get_counties_info()

Value
A tibble with one row per county and their COVID website information.

Examples
get_counties_info()

get_info_covid19us  Get info about this dataset

Description
Get info about this dataset

Usage
get_info_covid19us()

Value
A tibble with information about where the data is pulled from, details about the dataset, what the data types are, etc.

Examples
get_info_covid19us()
get_states_current  

Get current counts for every state

Description
Get current counts for every state

Usage
get_states_current()

Value
A tibble with one row per state and columns for individuals’ COVID statuses (positive, negative, pending, death) and their total.

Examples
get_states_current()

get_states_daily  

Get daily counts for every state

Description
Daily counts are updated every day at 4pm EST. This is the only function that takes arguments.

Usage
get_states_daily(state = "all", date = "all")

Arguments
state State abbreviation for a specific state or all states with "all".
date For a specific date, a character or date vector of length 1 coercible to a date with lubridate::as_date().

Value
A tibble with one row per state for all dates available with columns for individuals’ COVID statuses (positive, negative, pending, death) and their total.
Examples

get_states_daily()

get_states_daily("NY", "2020-03-17")
get_states_daily(state = "WA")
get_states_daily(date = "2020-03-11")

get_states_info

Get COVID-related information for each state

Description

Get COVID-related information for each state

Usage

get_states_info()

Value

A tibble with one row per state including information on the state’s data_site where the data was pulled from and the covid_19_site where data is published.

Examples

get_states_info()

get_tracker_urls

Get URLs and their details for each state

Description

Get URLs and their details for each state

Usage

get_tracker_urls()

Value

A tibble with one row for every state, the URL used by scrapers to get data, and a filter column that provides the xpath or CSS selector used by the COVID-19 Tracking Project’s scraper to get this data.
**get_us_current**

**Examples**

```r
get_tracker_urls()
```

---

**Description**

Get current US counts

**Usage**

```r
get_us_current()
```

**Value**

A tibble with one row for the current count of the country’s COVID statuses.

**Examples**

```r
get_us_current()
```

---

**get_us_daily**

**Get daily US counts**

---

**Description**

Updated every day at 4pm.

**Usage**

```r
get_us_daily()
```

**Value**

A tibble with one row per date in which data is available and counts for each of those states.

**Examples**

```r
get_us_daily()
```
refresh_covid19us  Get state data in long format

Description
Get state data in long format

Usage
refresh_covid19us(type = "daily")

Arguments

type       One of "daily" or "current"

Value
A tibble of data retrieved with get_states_daily or get_states_current in long format with a data_type and a value column.

Examples

refresh_covid19us()
Index

get_counties_info, 2
get_info_covid19us, 2
get_states_current, 3, 6
get_states_daily, 3, 6
get_states_info, 4
get_tracker_urls, 4
get_us_current, 5
get_us_daily, 5

refresh_covid19us, 6