Package ‘covid19us’

October 12, 2022

Title  Cases of COVID-19 in the United States
Version  0.1.9
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)
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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.
get_tracker_urls

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

get_tracker_urls()

Description
Get current US counts

Usage
get_us_current()

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

Examples

get_us_current()

get_us_daily

Description
Updated every day at 4pm.

Usage
get_us_daily()

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

Examples

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()
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