

# Package ‘`covid19nytimes`’

May 8, 2020

**Title** Pulls the Covid-19 Data from the New York Times Public Data Source

**Version** 0.1.3

**Description** Accesses the NY Times Covid-19 county-level data for the US, described in <https://www.nytimes.com/article/coronavirus-county-data-us.html> and available at <https://github.com/nytimes/covid-19-data>. It then returns the data in a tidy data format according to the Covid19R Project data specification. If you plan to use the data or publicly display the data or results, please make sure cite the original NY Times source. Please read and follow the terms laid out in the data license at <https://github.com/nytimes/covid-19-data/blob/master/LICENSE>.

**License** MIT + file LICENSE

**URL** <https://github.com/Covid19R/covid19nytimes>

**BugReports** <https://github.com/Covid19R/covid19nytimes/issues>

**Depends** R (>= 3.0.2)

**Imports** dplyr (>= 0.8.5), magrittr (>= 1.5), readr (>= 1.3.1), rlang (>= 0.4.5), tibble (>= 2.1.3), tidyr (>= 1.0.2)

**Suggests** ggplot2 (>= 3.2.1), knitr (>= 1.27), purrr (>= 0.3.3), rmarkdown (>= 2.1), sf (>= 0.8.1), stringr (>= 1.4.0), testthat (>= 2.3.1), tigris

**VignetteBuilder** knitr

**Encoding** UTF-8

**LazyData** true

**RoxygenNote** 7.1.0

**NeedsCompilation** no

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**Repository** CRAN

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covid19nytimes\_counties\_demo

*Demo of US County-Level Data from the NY Times*

---

**Description**

demo of the daily summary of the Coronavirus (Covid-19) total cases and deaths by county

**Usage**

covid19nytimes\_counties\_demo

**Format**

A tibble object

**Details**

The dataset contains the daily summary of Coronavirus cases (total confirmed and total deaths), by county from the NY Times.

To get the latest data, use [refresh\\_covid19nytimes\\_states](#).

**Source**

New York Times, "We're Sharing Coronavirus Case Data for Every U.S. County" [article](#) and <https://github.com/nytimes/covid-19-datadata> repository

**Examples**

```
data(covid19nytimes_states_demo)

require(dplyr)

# Get top confirmed cases by county,state
covid19nytimes_states_demo %>%
  filter(data_type == "cases_total") %>%
  filter(value == max(value))
```

---

`covid19nytimes_states_demo`*Demo of US State Data from the NY Times*

---

## Description

demo of the daily summary of the Coronavirus (Covid-19) total cases and deaths by state.

## Usage

```
covid19nytimes_states_demo
```

## Format

A tibble object

## Details

The dataset contains the daily summary of Coronavirus cases (total confirmed and total deaths), by state from the NY Times.

To get the latest data, use [refresh\\_covid19nytimes\\_states](#)

## Source

New York Times, "We're Sharing Coronavirus Case Data for Every U.S. County" [article](#) and <https://github.com/nytimes/covid-19-datadata> repository

## Examples

```
data(covid19nytimes_states_demo)

require(dplyr)

# Get top confirmed cases by state
covid19nytimes_states_demo %>%
  filter(data_type == "cases_total") %>%
  filter(value == max(value))
```

---

```
get_info_covid19nytimes
```

*Get information about the datasets provided by covid19nytimes*

---

### Description

Returns information about the datasets in this package for covid19R harvesting

### Usage

```
get_info_covid19nytimes()
```

### Value

a tibble of information about the datasets in this package

### Examples

```
## Not run:  
  
# get the dataset info from this package  
get_info_covid19nytimes()  
  
## End(Not run)
```

---

```
refresh_covid19nytimes_counties
```

*US County Data from the NY Times*

---

### Description

Update the county-level data from the New York Times on Covid-19

### Usage

```
refresh_covid19nytimes_counties()
```

### Details

Pulls from the open source data at <https://www.nytimes.com/article/coronavirus-county-data-us.html> including cumulative cases and deaths. Returns the data in the covid19R standard tidy format for easy use. Location data is returned as County,State. See <https://github.com/nytimes/covid-19-data> for extensive methodology description and license. Please follow the license guidelines at <https://github.com/nytimes/covid-19-data/blob/master/LICENSE> if you plan to use the data for public display.

**Value**

A tibble object

- date - The date in YYYY-MM-DD form
- location - The name of the location as provided by the data source. The counties dataset provides county and state. They are combined and separated by a ,, and can be split by `tidyr::separate()`, if you wish.
- location\_type - The type of location using the covid19R controlled vocabulary.
- location\_code - A standardized location code using a national or international standard. In this case, FIPS state or county codes. See [https://en.wikipedia.org/wiki/Federal\\_Information\\_Processing\\_Standard\\_state\\_codes](https://en.wikipedia.org/wiki/Federal_Information_Processing_Standard_state_codes) and [https://en.wikipedia.org/wiki/FIPS\\_county\\_code](https://en.wikipedia.org/wiki/FIPS_county_code) for more
- location\_code\_type - The type of standardized location code being used according to the covid19R controlled vocabulary. Here we use `fips_code`
- data\_type - the type of data in that given row. Includes `total_cases` and `total_deaths`, cumulative measures of both.
- value - number of cases of each data type

**Source**

New York Times, "We're Sharing Coronavirus Case Data for Every U.S. County" [article](#) and <https://github.com/nytimes/covid-19-datadata> repository

[covid19R documentation](#)

**Examples**

```
## Not run:  
# update the data  
covid19nytimes_counties <- refresh_covid19nytimes_counties()  
  
## End(Not run)
```

---

refresh\_covid19nytimes\_states

*US State Data from the NY Times*

---

**Description**

Update the state-level data from the New York Times on Covid-19

**Usage**

```
refresh_covid19nytimes_states()
```

## Details

Pulls from the open source data at <https://www.nytimes.com/article/coronavirus-county-data-us.html> including cumulative cases and deaths. Returns the data in the covid19R standard tidy format for easy use. See <https://github.com/nytimes/covid-19-data> for extensive methodology description and license. Please follow the license guidelines at <https://github.com/nytimes/covid-19-data/blob/master/LICENSE> if you plan to use the data for public display.

## Value

A tibble object

- date - The date in YYYY-MM-DD form
- location - The name of the location as provided by the data source. The counties dataset provides county and state. They are combined and separated by a „, and can be split by `tidyr::separate()`, if you wish.
- location\_type - The type of location using the covid19R controlled vocabulary.
- location\_code - A standardized location code using a national or international standard. In this case, FIPS state or county codes. See [https://en.wikipedia.org/wiki/Federal\\_Information\\_Processing\\_Standard\\_state\\_codes](https://en.wikipedia.org/wiki/Federal_Information_Processing_Standard_state_codes) and [https://en.wikipedia.org/wiki/FIPS\\_county\\_code](https://en.wikipedia.org/wiki/FIPS_county_code) for more
- location\_code\_type The type of standardized location code being used according to the covid19R controlled vocabulary. Here we use `fips_code`
- data\_type - the type of data in that given row. Includes `total_cases` and `total_deaths`, cumulative measures of both.
- value - number of cases of each data type

## Source

New York Times, "We're Sharing Coronavirus Case Data for Every U.S. County" [article](#) and <https://github.com/nytimes/covid-19-data> repository  
[covid19R documentation](#)

## Examples

```
## Not run:  
# update the data  
covid19nytimes_states <- refresh_covid19nytimes_states()  
  
## End(Not run)
```

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