

# Package ‘coronavirus’

February 23, 2020

**Title** The 2019 Novel Coronavirus COVID-19 (2019-nCoV) Dataset

**Version** 0.1.0

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**Description** Provides a daily summary of the Coronavirus (COVID-19) cases by state/province. Data source: Johns Hopkins University Center for Systems Science and Engineering (JHU CCSE) Coronavirus <<https://systems.jhu.edu/research/public-health/ncov/>>.

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**Encoding** UTF-8

**LazyData** true

**Depends** R (>= 3.0.2)

**Suggests** dplyr, knitr, rmarkdown, devtools, remotes, testthat (>= 2.1.0)

**URL** <https://github.com/RamiKrispin/coronavirus>

**BugReports** <https://github.com/RamiKrispin/coronavirus/issues>

**RoxygenNote** 6.1.1

**NeedsCompilation** no

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**Repository** CRAN

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## R topics documented:

coronavirus . . . . .	2
<b>Index</b>	<b>3</b>

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coronavirus

*The 2019 Novel Coronavirus COVID-19 (2019-nCoV) Dataset*

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## Description

daily summary of the Coronavirus (COVID-19) cases by state/province.

## Usage

coronavirus

## Format

A tbl object

## Details

The dataset contains the daily summary of Coronavirus cases (confirmed, death, and recovered), by state/province

## Source

Johns Hopkins University Center for Systems Science and Engineering (JHU CCSE) Coronavirus [website](#)

## Examples

```
data(coronavirus)

require(dplyr)

# Get top confirmed cases by state

coronavirus %>%
  filter(type == "confirmed") %>%
  group_by(Country.Region) %>%
  summarise(total = sum(cases)) %>%
  arrange(-total) %>%
  head(20)

# Get the number of recovered cases in Mainland China by province
coronavirus %>%
  filter(type == "recovered", Country.Region == "Mainland China") %>%
  group_by(Province.State) %>%
  summarise(total = sum(cases)) %>%
  arrange(-total)
```

# Index

- \*Topic **COVID19**
    - coronavirus, [2](#)
  - \*Topic **coronavirus**
    - coronavirus, [2](#)
  - \*Topic **datasets**
    - coronavirus, [2](#)
- coronavirus, [2](#)