Package ‘covid19italy’

Type Package
Title The 2019 Novel Coronavirus COVID-19 (2019-nCoV) Italy Dataset
Version 0.1.0
Maintainer Rami Krispin <rami.krispin@gmail.com>
Description Provides a daily summary of the Coronavirus (COVID-19) cases in Italy by country, region and province level. Data source: Presidenza del Consiglio dei Ministri - Dipartimento della Protezione Civile <http://www.protezionecivile.it/>.
License MIT + file LICENSE
Encoding UTF-8
LazyData true
Depends R (>= 3.0.2)
Imports devtools,
Suggests plotly, remotes, testthat (>= 2.1.0),
URL https://github.com/RamiKrispin/covid19italy
BugReports https://github.com/RamiKrispin/covid19italy/issues
RoxygenNote 7.1.0
NeedsCompilation no
Author Rami Krispin [aut, cre]
Repository CRAN
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The 2019 Novel Coronavirus COVID-19 (2019-nCoV) Italy Provinces Outbreak Dataset

Description

daily summary of the Coronavirus (COVID-19) pandemic cases in Italy’s provinces

Usage

italy_province

Format

A data.frame object

Details

The dataset contains the daily summary of the Coronavirus pandemic cases in Italy’s regions. The data includes the following fields:
- date - date of notification (Date class)
- region_code - region code
- region_name - region names
- province_code - province code
- province_name - province names
- lat - latitude point
- long - Longitude point
- total_positive_cases - total positive cases
- total_tests - number of tests performed

Source

Presidenza del Consiglio dei Ministri - Dipartimento della Protezione Civile website

Examples

data(italy_province)
head(italy_province)
**Description**

daily summary of the Coronavirus (COVID-19) pandemic cases in Italy’s regions

**Usage**

italy_region

**Format**

A data.frame object

**Details**

The dataset contains the daily summary of the Coronavirus pandemic cases in Italy’s regions. The data includes the following fields:
- date - date of notification (Date class)
- region_code - region code
- region_name - region names
- lat - latitude point
- long - Longitude point
- hospitalized_with_symptoms - number of hospitalised patients with symptoms
- intensive_care - intensive Care
- total_hospitalized - total hospitalised patients
- home_confinement - home confinement
- total_currently_positive - total amount of current positive cases (Hospitalised patients + Home confinement)
- new_currently_positive - news amount of current positive cases (Hospitalised patients + Home confinement)
- recovered - recovered cases
- death - death cases
- total_positive_cases - total positive cases
- total_tests - number of tests performed

**Source**

Presidenza del Consiglio dei Ministri - Dipartimento della Protezione Civile [website](#)
Examples

```r
data(italy_region)
head(italy_region)
```

| italy_total | The 2019 Novel Coronavirus COVID-19 (2019-nCoV) Italy Outbreak Dataset |

Description

daily summary of the Coronavirus (COVID-19) pandemic cases in Italy

Usage

```r
italy_total
```

Format

A data.frame object

Details

The dataset contains the daily summary of the Coronavirus pandemic cases in Italy. The data includes the following fields:
- date - date of notification (Date class)
- hospitalized_with_symptoms - number of hospitalised patients with symptoms
- intensive_care - intensive Care
- total_hospitalized - total hospitalised patients
- home_confinement - home confinement
- total_currently_positive - total amount of current positive cases (Hospitalised patients + Home confinement)
- new_currently_positive - news amount of current positive cases (Hospitalised patients + Home confinement)
- recovered - recovered cases
- death - death cases
- total_positive_cases - total positive cases
- total_tests - number of tests performed

Source

Presidenza del Consiglio dei Ministri - Dipartimento della Protezione Civile [website](#)
update_data

Examples

data(italy_total)

head(italy_total)

update_data  Update the Package Datasets

Description

Checks if new data is available on the package dev version (Github). In case new data is available the function will enable the user the update the datasets

Usage

update_data()
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