Description

daily summary of the Coronavirus (COVID-19) pandemic cases in Switzerland by Canton

Usage

covid19swiss

Format

A data.frame object

Details

The dataset contains the daily summary of the Coronavirus pandemic cases in Switzerland and Principality of Liechtenstein. The data includes the following fields:

date - the timestamp of the case, a Date object
location - the Cantons of Switzerland and the Principality of Liechtenstein (FL) abbreviation code
location_type - description of the location, either Canton of Switzerland or the Principality of Liechtenstein
location_code - a canton index code for merging geometry data from the naturalearth package, available only for Switzerland cantons
location_code_type - the name of code in the naturalearth package for Switzerland map
data_type - the type of case
value - the number of cases corresponding to the date and data_type fields

Where the available data_type field includes the following cases:
total_tested - number of tests performed as of the date
total_confirmed - number of positive cases as of the date
new_hosp - new hospitalizations with respect to the previously reported date
current_hosp - number of hospitalized patients as of the current date
current_icu - number of hospitalized patients in ICUs as of the current date
current_vent - number of hospitalized patients requiring ventilation as of the current date
total_recovered - total number of patients recovered as of the current date
total_death - total number of death as of the current date

Source

Specialist Unit for Open Government Data Canton of Zurich [website](#)
get_info_covid19swiss

Examples

```r
data(covid19swiss)
head(covid19swiss)
```

get_info_covid19swiss  Get information about the datasets provided by covid19swiss

Description

Returns information about the datasets in this package for covid19R harvesting

Usage

```r
get_info_covid19swiss()
```

Value

a data.frame of information about the datasets in this package

Examples

```r
get_info_covid19swiss()
```


Description

Daily summary of the Coronavirus (COVID-19) pandemic cases in Switzerland by Canton

Usage

```r
refresh_covid19swiss()
```

Value

A data.frame object
**Source**
Specialist Unit for Open Government Data Canton of Zurich [website](#)

**Examples**

```r
# update the data
covid19_swiss <- refresh_covid19swiss()
```

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**update_swiss_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**

```r
update_swiss_data()
```

**Examples**

```r
update_swiss_data()
```
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