Package ‘spiR’

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Type Package

Title Wrapper for the Social Progress Index Data

Version 0.2.1


Imports gsheet, dplyr, reshape2, ggplot2, ggsci, readr, lubridate

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Encoding UTF-8

LazyData true

RoxygenNote 7.1.1

Suggests knitr, rmarkdown

VignetteBuilder knitr

URL https://github.com/warint/spiR/

BugReports https://github.com/warint/spiR/issues/

NeedsCompilation no

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Description

This function allows you to find and search the right country code associated with the Social Progress Index’s Data. If no argument is filed, all indicators will be displayed.

Usage

spir_country(country)

Arguments

country The name of the country.

Value

Country’s ISO code.

See Also

spir_indicator for the SPI’s indicators and spir_data to collect data when you have both indicator and country code.

Examples

mycountry <- spir_country()
mycountry <- spir_country(country = "Canada")
mycountry <- spir_country("Canada")
Description

This function allows you to find and search the right country code associated with the Social Progress Index’s Data. If no argument is filed, all indicators will be displayed. This function will be removed in the next version and replaced by the simpler function `spir_country()`

Usage

`sqs_spi_country(country)`

Arguments

country
The name of the country.

Value

Country’s ISO code.

See Also

`spir_indicator` for the SPI’s indicators and `spir_data` to collect data when you have both indicator and country code.

Examples

```r
mycountry <- sqs_spi_country()
mycountry <- sqs_spi_country(country = "Canada")
mycountry <- sqs_spi_country("Canada")
```

Description

This function allows you to find and display the Social Progress Index data according to the selected parameters. If no arguments are filled, all data will be displayed.

Usage

`spir_data(country = spi_country, years = spi_year, indicators = spi_indicator)`
Arguments

- **country**: Countries' ISO code.
- **years**: Years for which you want data.
- **indicators**: Indicators from the Social Progress Index.

Value

Data for the country, indicator and year requested.

See Also

- `spir_indicator` for the SPI's indicator symbol and `spir_country` for the country’s ISO code.

Examples

```r
myData<- spir_data(country = c("USA", "FRA"), years = "2018", )
myData<- spir_data(country = c("USA", "FRA"), years = c("2018", "2019"), indicators = "SPI")
myData<- spir_data("USA", "2019", c("SPI", "FOW"))
myData<- spir_data(, "2018", )
myData<- spir_data("USA", "2017", )
myData<- spir_data("USA", , )
myData<- spir_data(, )
myData<- spir_data()
```

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**Description**

This function allows you to find and display the Social Progress Index data according to the selected parameters. If no arguments are filled, all data will be displayed. This function will be removed in the next version and replaced by the simpler function `spir_data()`.

**Usage**

```r
sqs_spi_data(
  country = spi_country,
  years = spi_year,
  indicators = spi_indicator
)
```

**Arguments**

- **country**: Countries' ISO code.
- **years**: Years for which you want data.
- **indicators**: Indicators from the Social Progress Index.
**spir_indicator**

Value

Data for the country, indicator and year requested.

See Also

*spir_indicator* for the SPI’s indicator symbol and *spir_country* for the country’s ISO code.

Examples

```r
myData<- sqs_spi_data(country = c("USA", "FRA"), years = "2018", )
myData<- sqs_spi_data(country = c("USA", "FRA"), year = c("2018", "2019"), indicators = "SPI")
myData<- sqs_spi_data("USA", "2019", c("SPI", "FOW"))
myData<- sqs_spi_data(, "2018", )
myData<- sqs_spi_data("USA", "2017", )
myData<- sqs_spi_data("USA", , )
myData<- sqs_spi_data(, , )
myData<- sqs_spi_data()
```

**spir_indicator**

Description

This function allows you to find and search the right indicator code from the Social Progress Index you want to use. If no argument is filed, all indicators will be displayed.

Usage

```r
spir_indicator(indicators)
```

Arguments

- `indicators` An indicator from the Social Progress Index.

Value

Indicator code from the Social Progress Index.

See Also

*spir_country* for the SPI’s country code and *spir_data* to collect data when you have both indicator and country code.

Examples

```r
myIndicator <- spir_indicator()
myIndicator <- spir_indicator(indicators = "mortality")
myIndicator <- spir_indicator("mortality")
```
**Description**

This function allows you to find and search the right indicator code from the Social Progress Index you want to use. If no argument is filed, all indicators will be displayed. This function will be removed in the next version and replaced by the simpler function `spir_indicator()`.

**Usage**

`sqs_spi_indicator(indicators)`

**Arguments**

- `indicators`  : An indicator from the Social Progress Index.

**Value**

Indicator code from the Social Progress Index.

**See Also**

`spir_country` for the SPI's country code and `spir_data` to collect data when you have both indicator and country code.

**Examples**

```r
myIndicator <- sqs_spi_indicator()
myIndicator <- sqs_spi_indicator(indicators = "mortality")
myIndicator <- sqs_spi_indicator("mortality")
```

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**Description**

This function allows you to create 2 types of visuals: bar and line charts.

**Usage**

```r
spir_visual(
  chart = "bar_1",
  indicator = "SPI",
  years = max(SPI_data$year),
  title = TRUE
)
```
**spir_visual**

**Arguments**
- chart: Type of charts.
- indicator: An indicator from the Social Progress Index.
- years: A chosen year
- title: Chart title, set by default to TRUE

**Value**
- Chosen Graph

**Examples**

```r
spir_visual(chart = "bar_1", indicator = "SPI", years = "2020")
```
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