Package ‘siconfir’

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Type Package
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**Description**

A data set containing some information about all municipalities, states and the Federal District

**Usage**

br_cods

**Format**

A data frame with 5597 rows and 9 variables:

- **cod_ibge**: state or municipality id
- **ente**: name of the state or municipality
- **capital**: if 1, then it is state capital, if 0 is not capital
- **regiao**: abbreviation of the location of the state or municipality, Midwest ("CO"), North ("NO"), Northeast ("NE"), Southeast ("SU") and ("BR") for the Union
- **uf**: abbreviation of the name of the state where the municipality is located. For states abbreviation is "BR"
- **esfera**: scope of the municipality, state or district. District ("D"), State ("E"), Municipality ("M"), Union ("U")
- **exercicio**: year the data was downloaded
- **populacao**: population
- **cnpj**: id used by companies/entities, called the National Register of Legal Entities

**Source**

[http://apidatalake.tesouro.gov.br/docs/siconfi/#/Entes/getEntes](http://apidatalake.tesouro.gov.br/docs/siconfi/#/Entes/getEntes)
find_cod  

Find state or municipality information

Description
Find state or municipality information

Usage
find_cod(query, view = FALSE)

Arguments

- query          is a character
- view           is a logical, TRUE open Data Viewer. Default is FALSE

Value
tibble

Examples
find_cod("rio de janeiro")
find_cod("bahia")

get_annex  

Attachments of reports by sphere of government

Description
Refers to the annexes to each of the reports/statements grouped by sphere of government

Usage
get_annex(verbose = FALSE)

Arguments

- verbose       is a logical. Enable verbose mode. Default is FALSE

Value
tibble

Examples
get_annex()
get_annual_acc

Description

set of tables of patrimonial and budgetary data: balance sheet, statement of budgetary revenue, statement of budgetary expenses by nature, statement of budgetary expenses by function, statement of execution of remains payable - budgetary expenses by nature, statement of execution of remains payable - budgetary expenses by function, statement of equity variations

Usage

get_annual_acc(year, cod, annex = NULL, verbose = FALSE)

Arguments

year is a numeric vector
cod is a numeric vector. Brazilian Institute of Geography and Statistics (IBGE) code assigned to each municipality and state.
annex is a character vector. Default is NULL, it will get all attachments.
verbose is a logical. Enable verbose mode. Default is FALSE

Details


Value

tibble

Note

Brazilian Public Sector Accounting and Tax Information System (Siconfi): http://apidatalake.tesouro.gov.br/docs/siconfi/

See Also

https://www.gov.br/secretariadegoverno/pt-br/portalfederativo/guiainicio/prefeito/trilhas-100-dias-de-governo/dca-declaracao-de-contas-anuais

Examples

get_annual_acc(year = 2019, cod = 35)
get_budget

Description

The budget execution summary report will contain the following statements: budget balance sheet, statement of execution of expenses by function/subfunction; statement of current net revenue; statement of social security income and expenses; statement of primary and nominal results; statement of remains payable for power and agency; statement of income and expenses with maintenance and development of education; statement of income and expenses with public health actions and services; statement of public-private partnerships; simplified statement of the budget execution summary report.

Usage

get_budget(year, period, cod, simple = FALSE, annex = NULL, verbose = FALSE)

Arguments

- **year**: is a numeric vector
- **period**: is a numeric vector, bimester of the year, an integer between 1 and 6
- **cod**: is a numeric vector. Brazilian Institute of Geography and Statistics (IBGE) code assigned to each municipality and state.
- **simple**: is a logical. TRUE applies only to municipalities with less than 50 thousand inhabitants that have opted for simplified publication. Default is FALSE
- **annex**: is a character vector. Default is NULL, it will get all attachments.
- **verbose**: is a logical. Enable verbose mode. Default is FALSE

Details

Possible values for the annex parameter are: "01", "02", "03", "04", "04 -RGPS", "04 -RPPS", "04.0 -RGPS", "04.1", "04.2", "04.3 -RGPS", "05", "06", "07", "09", "10 -RGPS", "10 -RPPS", "11", "13", "14".

For more details on the parameter cod see the column cod_ibge of the function get_info

Value

tibble

Note


See Also

**get_fiscal**

**Fiscal management report**

**Description**

The fiscal management report will contain comparative statements with the limits referred to in the fiscal responsibility law, of the following amounts: total personnel expenses, showing expenses with assets, inactive and pensioners, net consolidated debt, granting of guarantees and counter-guarantees and operation credit.

**Usage**

```r
get_fiscal(
  year, period, cod,
  freq = "Q",
  annex = NULL,
  power = c("E", "L", "J", "M", "D"),
  verbose = FALSE
)
```

**Arguments**

- **year** is a numeric vector
- **period** is a numeric vector, period of the year, if the parameter `freq` is "Q" then it will be an integer between 1 and 3. If `freq` is "S" then it will be an integer between 1 and 2.
- **cod** is a numeric vector. Brazilian Institute of Geography and Statistics (IBGE) code assigned to each municipality and state.
- **freq** is a character, periodicity of publication of the report, "S" is semiannual, "Q" is four-month period. The semiannual periodicity ("S") applies only to municipalities with less than 50 thousand inhabitants that opted for simplified publication. Default is "Q".
- **annex** is a numeric vector, an integer between 1 and 6. Default is NULL, it will get all attachments.
- **power** is a character vector, an acronym for each power, executive "E", legislative "L", judiciary "J", public ministry "M", Public defense "D". Default is c("E", "L", "J", "M", "D")
- **verbose** is a logical. Enable verbose mode. Default is FALSE

**Details**

For more details on the parameter cod see the column cod_ibge of the function `get_info`.
get_info

Value
tibble

Note
Brazilian Public Sector Accounting and Tax Information System (Siconfi): http://apidatalake.tesouro.gov.br/docs/siconfi/

See Also

Examples
get_fiscal(year = 2019, period = 1:3, cod = 35, power = "E")
get_fiscal(year = 2017, period = 2, annex = 1, cod = 1)

get_info

Basic information on Brazilian states and municipalities

Description
Get basic information about all the entities of the federation

Usage
get_info(verbose = FALSE)

Arguments
verbose is a logical. Enable verbose mode. Default is FALSE

Value
tibble

Note
Brazilian Public Sector Accounting and Tax Information System (Siconfi): http://apidatalake.tesouro.gov.br/docs/siconfi/
msc_budget  
**Budget accounts, accounting balances matrix**

**Description**
Details of the records reported in the accounting accounts that receive budget entries.

**Usage**

```r
msc_budget(year, month, cod, matrix_type, class, value, verbose = FALSE)
```

**Arguments**
- `year` is a numeric vector
- `month` is a numeric vector
- `cod` is a numeric vector. Brazilian Institute of Geography and Statistics (IBGE) code assigned to each municipality and state.
- `matrix_type` is a character. Matrix type, monthly or aggregate "MSCC" or year-end "MSCE"
- `class` is a numeric vector, integer between 5 and 6. Class of accounting accounts that receive entries of a budgetary nature.
- `value` is a character. The detailed values can be of three types: opening balance "beginning_balance", movement "period_change" or ending balance "ending_balance"
- `verbose` is a logical. Enable verbose mode. Default is FALSE

**Value**
tibble

**Note**
Refers to the accounting accounts for approval of the approval (class 5) and execution (class 6) of the planning and budget, as well as their respective complementary information

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msc_control  
**Control accounts, accounting balances matrix**

**Description**
Details of the records informed in the accounting accounts that receive entries of a control nature.

**Usage**

```r
msc_control(year, month, cod, matrix_type, class, value, verbose = FALSE)
```
**Arguments**

- **year** is a numeric vector
- **month** is a numeric vector
- **cod** is a numeric vector. Brazilian Institute of Geography and Statistics (IBGE) code assigned to each municipality and state.
- **matrix_type** is a character. Matrix type, monthly or aggregate "MSCC" or year-end "MSCE"
- **class** is a numeric vector 7 or 8. Class of accounting accounts that receive postings of a control nature.
- **value** is a character. The detailed values can be of three types: opening balance "beginning_balance", movement "period_change" or ending balance "ending_balance"
- **verbose** is a logical. Enable verbose mode. Default is FALSE

**Value**

- tibble

**Note**

It refers to the control accounting accounts for checking balances of a debtor nature (class 7) and of a creditor nature (class 8) as well as their respective complementary information.

**Description**

Details of the records informed in the accounting accounts that receive entries of an equity nature.

**Usage**

```r
msc_equity(year, month, cod, matrix_type, class, value, verbose = FALSE)
```

**Arguments**

- **year** is a numeric vector
- **month** is a numeric vector
- **cod** is a numeric vector. Brazilian Institute of Geography and Statistics (IBGE) code assigned to each municipality and state.
- **matrix_type** is a character. Matrix type, monthly or aggregate "MSCC" or year-end "MSCE"
- **class** is a numeric vector, integer between 1 and 4. Class of accounting accounts that receive entries of an equity nature
- **value** is a character. The detailed values can be of three types: opening balance "beginning_balance", movement "period_change" or ending balance "ending_balance"
- **verbose** is a logical. Enable verbose mode. Default is FALSE
It refers to the accounting accounts for assets (class 1), liabilities (class 2), diminishing equity variations (class 3) and augmenting equity variations (class 4) as well as their respective complementary information.

**Description**
Information on approved and corrected reports as well as matrices delivered to SICONFI.

**Usage**

```r
report_status(year, cod, verbose = FALSE)
```

**Arguments**

- `year` is a numeric vector
- `cod` is a numeric vector. Brazilian Institute of Geography and Statistics (IBGE) code assigned to each municipality and state.
- `verbose` is a logical. Enable verbose mode. Default is `FALSE`

**Value**

tibble
tibble

**Note**


**Examples**

```r
report_status(year = 2020, cod = 35)
```
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