

Package ‘brpop’

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Title Brazilian Population Estimatives

Version 0.3.0

Description Datasets with yearly (2000 to 2021) Brazilian population estimates from Data-SUS/Brazilian Health Ministry, aggregated by state, municipality, sex, and age groups. The data in this package is manually downloaded from the Data-SUS website and converted to tibbles.

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LazyData true

LazyDataCompression xz

Suggests testthat (>= 3.0.0)

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URL <https://rfsaldanha.github.io/brpop/>

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mun_female_pop	<i>Municipality yearly female population estimates per age group</i>
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Description

A dataset containing female population estimates for Brazilian municipalities per age groups from 2000 to 2021.

Usage

```
mun_female_pop
```

Format

A tibble with 2,216,016 rows and 4 variables:

mun municipality 6 digits code

year year of the estimative

age_group age group

pop population estimative

Details

The estimates were calculated by DataSUS (Brazilian Ministry of Health), manually downloaded from DataSUS website, and organized as a tibble.

mun_female_pop_totals *Municipality yearly female population estimates totals*

Description

This function provides a tibble containing female population estimates for Brazilian municipalities totals from 2000 to 2021.

Usage

```
mun_female_pop_totals()
```

Details

The estimates were calculated by DataSUS (Brazilian Ministry of Health), manually downloaded from DataSUS website, and organized as a tibble.

mun municipality 6 digits code

year year of the estimative

pop population estimative

Value

A tibble.

See Also

[mun_female_pop](#).

mun_male_pop *Municipality yearly male population estimates per age group*

Description

A dataset containing male population estimates for Brazilian municipalities per age groups from 2000 to 2021.

Usage

```
mun_male_pop
```

Format

A tibble with 2,216,016 rows and 4 variables:

mun municipality 6 digits code

year year of the estimative

age_group age group

pop population estimative

Details

The estimates were calculated by DataSUS (Brazilian Ministry of Health), manually downloaded from DataSUS website, and organized as a tibble.

mun_male_pop_totals *Municipality yearly male population estimates totals*

Description

This function provides a tibble containing male population estimates for Brazilian municipalities totals from 2000 to 2021.

Usage

```
mun_male_pop_totals()
```

Details

The estimates were calculated by DataSUS (Brazilian Ministry of Health), manually downloaded from DataSUS website, and organized as a tibble.

mun municipality 6 digits code

year year of the estimative

pop population estimative

Value

A tibble.

See Also

[mun_male_pop](#).

mun_pop	<i>Municipality yearly population estimates per age group</i>
---------	---

Description

This function provides a tibble containing population estimates for Brazilian municipalities per age groups from 2000 to 2021.

Usage

```
mun_pop()
```

Format

A tibble with 2,216,016 rows and 4 variables:

mun municipality 6 digits code

year year of the estimative

age_group age group

pop population estimative

Details

The estimates were calculated by DataSUS (Brazilian Ministry of Health), manually downloaded from DataSUS website, and organized as a tibble.

Value

A tibble.

See Also

[mun_male_pop](#), [mun_female_pop](#).

mun_pop_totals	<i>Municipality yearly population estimates totals</i>
----------------	--

Description

This function provides a tibble containing population estimates for Brazilian municipalities totals from 2000 to 2021.

Usage

```
mun_pop_totals()
```

Details

The estimates were calculated by DataSUS (Brazilian Ministry of Health), manually downloaded from DataSUS website, and organized as a tibble.

mun municipality 6 digits code

year year of the estimative

pop population estimative

Value

A tibble.

See Also

[mun_male_pop](#), [mun_female_pop](#).

mun_reg_saude	<i>Municipality and health region code table</i>
---------------	--

Description

A dataset containing municipality and health regions codes. #

Usage

```
mun_reg_saude
```

Format

A tibble with 5,597 rows and 2 variables:

cod_mun municipality 6 digits code

cod_reg_saude health region 4 digits code

mun_reg_saude_449 *Municipality and health region (449) code table*

Description

A dataset containing municipality and health regions codes, following the 449 units specification.
#'

Usage

```
mun_reg_saude_449
```

Format

A tibble with 5,597 rows and 2 variables:

cod_mun municipality 6 digits code

cod_reg_saude health region 5 digits code

mun_sex_pop *Municipality yearly population estimates per age group and sex*

Description

This function binds UF male and female datasets (mun_male_pop and mun_female_pop) and includes a new variable called 'sex'.

Usage

```
mun_sex_pop()
```

Value

A tibble.

See Also

[mun_male_pop](#), [mun_female_pop](#).

regsaude_female_pop *Health region yearly female population estimates per age group*

Description

This function provides a tibble containing female population estimates for Brazilian health regions per age groups from 2000 to 2021.

Usage

```
regsaude_female_pop(type = "standard")
```

Arguments

type character. 'standard' or 'reg_saude_449'
The estimates were calculated by DataSUS (Brazilian Ministry of Health), manually downloaded from DataSUS website, and organized as a tibble.

Format

A tibble.

regsaude health region with 4 or 5 digits code

year year of the estimative

age_group age group

pop population estimative

Value

A tibble.

See Also

[mun_male_pop](#), [mun_female_pop](#).

`regsaude_female_pop_totals`*Health region yearly female population estimates totals*

Description

This function provides a tibble containing female population estimates for Brazilian health regions totals from 2000 to 2021.

Usage

```
regsaude_female_pop_totals(type = "standard")
```

Arguments

type character. 'standard' or 'reg_saude_449'
The estimates were calculated by DataSUS (Brazilian Ministry of Health), manually downloaded from DataSUS website, and organized as a tibble.

regsaude health region 4 or 5 digits code
year year of the estimative
pop population estimative

Value

A tibble.

See Also

[regsaude_female_pop](#).

`regsaude_male_pop`*Health region yearly male population estimates per age group*

Description

This function provides a tibble containing male population estimates for Brazilian health regions per age groups from 2000 to 2021.

Usage

```
regsaude_male_pop(type = "standard")
```

Arguments

type character. 'standard' or 'reg_saude_449'
 The estimates were calculated by DataSUS (Brazilian Ministry of Health), manually downloaded from DataSUS website, and organized as a tibble.

Format

A tibble.

regsaude health region with 4 or 5 digits code

year year of the estimative

age_group age group

pop population estimative

Value

A tibble.

See Also

[mun_male_pop](#), [mun_female_pop](#).

regsaude_male_pop_totals

Health region yearly male population estimates totals

Description

This function provides a tibble containing male population estimates for Brazilian health regions totals from 2000 to 2021.

Usage

```
regsaude_male_pop_totals(type = "standard")
```

Arguments

type character. 'standard' or 'reg_saude_449'
 The estimates were calculated by DataSUS (Brazilian Ministry of Health), manually downloaded from DataSUS website, and organized as a tibble.

regsaude health region 4 or 5 digits code

year year of the estimative

pop population estimative

Value

A tibble.

See Also

[regsaude_male_pop](#).

regsaude_pop

Health region yearly population estimates per age group

Description

This function provides a tibble containing population estimates for Brazilian health regions per age groups from 2000 to 2021.

Usage

```
regsaude_pop(type = "standard")
```

Arguments

type character. 'standard' or 'reg_saude_449'
The estimates were calculated by DataSUS (Brazilian Ministry of Health), manually downloaded from DataSUS website, and organized as a tibble.

Format

A tibble.

regsaude health region 4 or 5 digits code

year year of the estimative

age_group age group

pop population estimative

Value

A tibble.

See Also

[regsaude_male_pop](#), [regsaude_female_pop](#).

regsaude_pop_totals *Health region yearly population estimates totals*

Description

This function provides a tibble containing population estimates for Brazilian health regions totals from 2000 to 2021.

Usage

```
regsaude_pop_totals(type = "standard")
```

Arguments

type character. 'standard' or 'reg_saude_449'
 The estimates were calculated by DataSUS (Brazilian Ministry of Health), manually downloaded from DataSUS website, and organized as a tibble.

regsaude health region 4 or 5 digits code
year year of the estimative
pop population estimative

Value

A tibble.

See Also

[regsaude_male_pop](#), [regsaude_female_pop](#).

regsaude_sex_pop *Health regions yearly population estimates per age group and sex*

Description

This function binds UF male and female datasets (uf_male_pop and uf_female_pop), aggregates estimatives by health regions and includes a new variable called 'sex'.

Usage

```
regsaude_sex_pop(type = "standard")
```

Arguments

type character. 'standard' or 'reg_saude_449'

Value

A tibble.

See Also

[uf_male_pop](#), [uf_female_pop](#).

uf_female_pop	<i>UF yearly female population estimates per age group</i>
---------------	--

Description

A dataset containing female population estimates for Brazilian UFs ("Unidades Federativas") per age groups from 2000 to 2021.

Usage

```
uf_female_pop
```

Format

A tibble with 10,692 rows and 4 variables:

uf UF 2 digits code

year year of the estimative

age_group age group

pop population estimative

Details

The estimates were calculated by DataSUS (Brazilian Ministry of Health), manually downloaded from DataSUS website, and organized as a tibble.

uf_female_pop_totals	<i>UF yearly female population estimates totals</i>
----------------------	---

Description

This function provides a tibble containing female population estimates for Brazilian UFs ("Unidades Federativas") totals from 2000 to 2021.

Usage

```
uf_female_pop_totals()
```

Details

The estimates were calculated by DataSUS (Brazilian Ministry of Health), manually downloaded from DataSUS website, and organized as a tibble.

uf UF 2 digits code

year year of the estimative

pop population estimative

Value

A tibble.

See Also

[uf_female_pop](#).

uf_male_pop	<i>UF yearly male population estimates per age group</i>
-------------	--

Description

A dataset containing male population estimates for Brazilian UFs ("Unidades Federativas") per age groups from 2000 to 2021.

Usage

```
uf_male_pop
```

Format

A tibble with 10,692 rows and 4 variables:

uf UF 2 digits code

year year of the estimative

age_group age group

pop population estimative

Details

The estimates were calculated by DataSUS (Brazilian Ministry of Health), manually downloaded from DataSUS website, and organized as a tibble.

uf_male_pop_totals *UF yearly male population estimates totals*

Description

This function provides a tibble containing male population estimates for Brazilian UFs ("Unidades Federativas") totals from 2000 to 2021.

Usage

```
uf_male_pop_totals()
```

Details

The estimates were calculated by DataSUS (Brazilian Ministry of Health), manually downloaded from DataSUS website, and organized as a tibble.

uf UF 2 digits code

year year of the estimative

pop population estimative

Value

A tibble.

See Also

[uf_male_pop](#).

uf_pop *UF yearly population estimates per age group*

Description

This function provides a tibble containing population estimates for Brazilian UFs ("Unidades Federativas") per age groups from 2000 to 2021.

Usage

```
uf_pop()
```

Format

A tibble with 10,692 rows and 4 variables:

uf UF 2 digits code
year year of the estimative
age_group age group
pop population estimative

Details

The estimates were calculated by DataSUS (Brazilian Ministry of Health), manually downloaded from DataSUS website, and organized as a tibble.

Value

A tibble.

See Also

[uf_male_pop](#), [uf_female_pop](#).

uf_pop_totals	<i>UF yearly population estimates totals</i>
---------------	--

Description

This function provides a tibble containing population estimates for Brazilian UFs ("Unidades Federativas") totals from 2000 to 2021.

Usage

```
uf_pop_totals()
```

Details

The estimates were calculated by DataSUS (Brazilian Ministry of Health), manually downloaded from DataSUS website, and organized as a tibble.

uf UF 2 digits code
year year of the estimative
pop population estimative

Value

A tibble.

See Also

[uf_male_pop](#), [uf_female_pop](#).

`uf_sex_pop`*UF yearly population estimates per age group and sex*

Description

This function binds UF male and female datasets (`uf_male_pop` and `uf_female_pop`) and includes a new variable called 'sex'.

Usage

```
uf_sex_pop()
```

Value

A tibble.

See Also

[uf_male_pop](#), [uf_female_pop](#).

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