

Package ‘brpop’

August 18, 2022

Title Brazilian Population Estimatives

Version 0.1.5

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 (<<http://tabnet.datasus.gov.br/cgi/deftohtm.exe?popsvs/cnv/popbr.def>>) and converted to tibbles.

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Encoding UTF-8

RoxygenNote 7.2.1

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LazyData true

LazyDataCompression xz

Suggests testthat (>= 3.0.0)

Config/testthat/edition 3

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

NeedsCompilation no

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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.

More details about the estimation methodology may be found here: <http://tabnet.datasus.gov.br/cgi/POPSVS/NT-POPULACAO-RESIDENTE-2000-2021.PDF>

Source

<http://tabnet.datasus.gov.br/cgi/defthtm.exe?popsvs/cnv/popbr.def>

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.

More details about the estimation methodology may be found here: <http://tabnet.datasus.gov.br/cgi/POPSVS/NT-POPULACAO-RESIDENTE-2000-2021.PDF>

mun municipality 6 digits code

year year of the estimative

pop population estimative

Value

A tibble.

See Also

[mun_female_pop.](#)

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

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.

More details about the estimation methodology may be found here: <http://tabnet.datasus.gov.br/cgi/POPSVS/NT-POPULACAO-RESIDENTE-2000-2021.PDF>

Source

<http://tabnet.datasus.gov.br/cgi/deftohtm.exe?popsvs/cnv/popbr.def>

mun_male_pop_totals	<i>Municipality yearly male population estimates totals</i>
---------------------	---

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.

More details about the estimation methodology may be found here: <http://tabnet.datasus.gov.br/cgi/POPSVS/NT-POPULACAO-RESIDENTE-2000-2021.PDF>

mun municipality 6 digits code

year year of the estimative

pop population estimative

Value

A tibble.

See Also

[mun_male_pop](#).

mun_pop

Municipality yearly population estimates per age group

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.

More details about the estimation methodology may be found here: <http://tabnet.datasus.gov.br/cgi/POPSVS/NT-POPULACAO-RESIDENTE-2000-2021.PDF>

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.

More details about the estimation methodology may be found here: <http://tabnet.datasus.gov.br/cgi/POPSVS/NT-POPULACAO-RESIDENTE-2000-2021.PDF>

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_sex_pop	<i>Municipality yearly population estimates per age group and sex</i>
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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()
```

Format

A tibble with 143,748 rows and 4 variables:

regsaude health region 4 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.

More details about the estimation methodology may be found here: <http://tabnet.datasus.gov.br/cgi/POPSVS/NT-POPULACAO-RESIDENTE-2000-2021.PDF>

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()
```

Details

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

More details about the estimation methodology may be found here: <http://tabnet.datasus.gov.br/cgi/POPSVS/NT-POPULACAO-RESIDENTE-2000-2021.PDF>

regsaude health region 4 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()
```

Format

A tibble with 143,748 rows and 4 variables:

regsaude health region 4 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.

More details about the estimation methodology may be found here: <http://tabnet.datasus.gov.br/cgi/POPSVS/NT-POPULACAO-RESIDENTE-2000-2021.PDF>

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()
```

Details

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

More details about the estimation methodology may be found here: <http://tabnet.datasus.gov.br/cgi/POPSVS/NT-POPULACAO-RESIDENTE-2000-2021.PDF>

regsaude health region 4 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()
```

Format

A tibble with 143,748 rows and 4 variables:

regsaude health region 4 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.

More details about the estimation methodology may be found here: <http://tabnet.datasus.gov.br/cgi/POPSVS/NT-POPULACAO-RESIDENTE-2000-2021.PDF>

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()
```

Details

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

More details about the estimation methodology may be found here: <http://tabnet.datasus.gov.br/cgi/POPSVS/NT-POPULACAO-RESIDENTE-2000-2021.PDF>

regsaude health region 4 digits code

year year of the estimative

pop population estimative

Value

A tibble.

See Also

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

uf_female_pop *UF yearly female population estimates per age group*

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.

More details about the estimation methodology may be found here: <http://tabnet.datasus.gov.br/cgi/POPSVS/NT-POPULACAO-RESIDENTE-2000-2021.PDF>

Source

<http://tabnet.datasus.gov.br/cgi/deftohtm.exe?popsvs/cnv/popbr.def>

uf_female_pop_totals *UF yearly female population estimates totals*

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.

More details about the estimation methodology may be found here: <http://tabnet.datasus.gov.br/cgi/POPSVS/NT-POPULACAO-RESIDENTE-2000-2021.PDF>

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.

More details about the estimation methodology may be found here: <http://tabnet.datasus.gov.br/cgi/POPSVS/NT-POPULACAO-RESIDENTE-2000-2021.PDF>

Source

<http://tabnet.datasus.gov.br/cgi/deftohtm.exe?popsvs/cnv/popbr.def>

uf_male_pop_totals	<i>UF yearly male population estimates totals</i>
--------------------	---

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.

More details about the estimation methodology may be found here: <http://tabnet.datasus.gov.br/cgi/POPSVS/NT-POPULACAO-RESIDENTE-2000-2021.PDF>

uf UF 2 digits code

year year of the estimative

pop population estimative

Value

A tibble.

See Also

[uf_male_pop](#).

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

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.

More details about the estimation methodology may be found here: <http://tabnet.datasus.gov.br/cgi/POPSVS/NT-POPULACAO-RESIDENTE-2000-2021.PDF>

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.

More details about the estimation methodology may be found here: <http://tabnet.datasus.gov.br/cgi/POPSVS/NT-POPULACAO-RESIDENTE-2000-2021.PDF>

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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