Package 'brpop'

July 6, 2022

Title Brazilian Population Estimatives

Version 0.1.0

Description Datasets with yearly (2000 to 2021) Brazilian population estimates from Data-
SUS/Brazilian Health Ministry, aggregated by state, municipal-
ity, 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 con-
verted to tibbles.

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Encoding UTF-8

RoxygenNote 7.2.0

Depends R (>= 2.10)

LazyData true

LazyDataCompression xz

Suggests testthat (>= 3.0.0)

Config/testthat/edition 3

Imports dplyr, magrittr, rlang

NeedsCompilation no

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Repository CRAN

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R topics documented:

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mun_female_pop   *Municipality yearly female population estimates per age group*

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/deftohtm.exe?popsvs/cnv/popbr.def

---

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.

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

Source

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---

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.

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Value

A tibble.

See Also

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

---

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.](#)

---

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_male_pop *UF yearly male population estimates per age group*

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.

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Source

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

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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

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uf_pop()
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A tibble with 10,692 rows and 4 variables:

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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_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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