Package: Census2016 (via r-universe)

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Type Package

Title Data from the Australian Census 2016

Version 0.2.0

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Description Contains selected variables from the time series profiles
for statistical areas level 2 from the 2006, 2011, and 2016
censuses of population and housing, Australia. Also provides
methods for viewing the questions asked for convenience during
analysis.

Depends R (>= 2.10)

Imports data.table

LazyData true

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RoxygenNote 6.0.1

Suggests knitr, rmarkdown, ggplot2, ggrepel, magrittr, scales,
testthat, png,

VignetteBuilder knitr

Repository https://hughparsonage.r-universe.dev

RemoteUrl https://github.com/hughparsonage/census2016

RemoteRef HEAD

RemoteSha 751e383ef2a7f67b4d5635958b3ceb6eb0935245

Contents

`Census2016_wide_by_SA2_year`

Census data by SA2

Description

Census data by SA2

Usage

```
Census2016_wide_by_SA2_year
```

Format

An object of class `data.table` (inherits from `data.frame`) with 6720 rows and 43 columns.

Details

If no data is offered by the ABS for that SA2, the data is marked as missing and the column `isMissing` is TRUE.

`see_question`   *View census form for particular question*

Description

View census form for particular question

Usage

```
see_question(...)

## S3 method for class 'data.frame'
see_question(.data, ...)

## S3 method for class 'numeric'
see_question(qn, ...)
```

Arguments

`...`	Passed to method: either a question number or a data frame.
`.data`	A `data.frame` from this package.
`qn`	Question number.

Value

Primarily called for its side effect: plots an image of the question (and available answers, if appropriate) in the plot window. If a data.frame from this package is called, it is returned (invisibly if knitr.in.progress is TRUE).

Examples

```
## Not run:
see_question(5)
see_question(Census2016_languages)

## End(Not run)
```

TwoDimTbl   *Two dimensional tables*

Description

Tables with two keys (the SA2 and a label for which the count applies)

Usage

```
Census2016_ancestories

Census2016_countries_of_birth

Census2016_languages

Census2016_religions

Census2016_n_women_by_children_ever_born
```

Format

A data.table of 4 columns. The keys are sa2_code

Details

From the Community Series time series data packs. N.B. countries_of_birth only includes the top 35 responses countries of birth across Australia. sa2_code is not necessarily the same as SA2_MAINYY for 2006, 2011, and 2016. Instead, the code reflects the 2016 boundaries and the values given allow comparisons to be made over time on these boundaries.

Census2016_ancestories

N.B. This table is a multi-response table, and therefore the total response count will not equal the total persons count. Sinhalese is equivalent to Sri Lankan.

sa2_code The SA2 code. See details.

year The census year.

ancestory Selected ancestries are based on the 30 most common ancestry responses reported in the 2011 Census.

persons Count of persons.

Census2016_religions

sa2_code The SA2 code. See details.

year The census year.

religion Religion. "What is the person's religion?".

persons Number of adherents.

Census2016_languages

sa2_code The SA2 code. See details.

year The census year.

language Does the person speak a language other than English at home?

persons Number of persons who speak the specified language. Note that the complement of "English" is not the number of people who do not speak English.

Census2016_n_women_by_children_ever_born

sa2_code The SA2 code. See details.

year The census year.

n_children_ever_born Number of children ever born.

n_women Count of females over 15 by the number of children they have ever given birth to.

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