Package 'Census2016'

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Type Package

Title Data from the Australian Census 2016

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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

NeedsCompilation no

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`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.

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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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