Package ‘Census2016’

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Type Package
Title Data from the Australian Census 2016
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Maintainer Hugh Parsonage <hugh.parsonage@gmail.com>
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
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Author Hugh Parsonage [aut, cre],
  Nick Evershed [dtc],
  Australian Bureau of Statistics [cph]
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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(...)`

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

```r
## 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

```r
## 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_ancestries**

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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