Package: addb (via r-universe)

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Title Australian Demographic Data Bank

Depends R (>= 2.10), demography

LazyData yes

Description These data are from the Australian Demographic Data Bank.
They can be plotted and analysed using the demography package.

License GPL (>= 2)

URL <http://pkg.robjhyndman.com/addb>,

<https://github.com/robjhyndman/addb>

ByteCompile TRUE

BugReports <https://github.com/robjhyndman/addb/issues>

RoxygenNote 6.0.1.9000

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

RemoteUrl https://github.com/robjhyndman/addb

RemoteRef HEAD

RemoteSha 2d4a139983152fb38167b52ea243823a94746854

Contents

aus.fertility	*Australian fertility data*

Description

Age-specific fertility rates and female child-bearing population for Australia.

Format

Object of class `demogdata` containing the following components:

year Vector of years

age Vector of ages

rate List containing one matrix with one age group per row and one column per year.

pop Population data in same form as `rate`.

type Type of object. In this case, "fertility".

label Character string giving area from which data are taken. In this case, "Australia".

Details

Australian fertility rates and populations (1921-2006) for single year age groups (15-49) as provided by the Australian Bureau of Statistics. The population numbers for 2002 onwards differ slighly from those in the [australia](#) (mortality) object. The population numbers in `aus.fertility` have been updated to the latest ABS estimates.

Author(s)

Rob J Hyndman

See Also

[aus.fert](#) in the [demography](#) package contains similar data in 5-year age groups.

Examples

```
plot(aus.fertility)
```

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data	*Mortality and population data*

Description

Mortality rates and populations for Australia and Australian states. The data can be plotted and modelled using the functions in the demography package such as `plot.demogdata` and `fdm`.

Format

All data are `demogdata` objects containing the following components:

year Years for which data available

age Ages for which data available

rates A list with matrix components `female`, `male` and `total` with one age group per row and one column per year.

pop A list of the same form as `rates` but containing population numbers instead of mortality rates.

type A character string equal to `"mortality"` in each case.

label A character string giving the geographical region.

Details

The following data sets are included:

australia	Australia	(1901-2003)
nsw	New South Wales	(1901-2003)
vic	Victoria	(1901-2003)
qld	Queensland	(1901-2003)
sa	South Australia	(1901-2003)
wa	Western Australia	(1901-2003)
nt	Northern Territory	(1901-2003)
actot	Australian Capital Territory and overseas territories	(1901-2003)
tas	Tasmania	(1901-2003)

All data are from v3.2b of the Australian Demographic Data Bank released 10 February 2005.

Author(s)

Rob J Hyndman

Source

Smith, L. (2009) The Australian Demographic Data Bank, 1901-2003: Populations [Computer File]. Canberra: Australian Social Science Data Archive, The Australian National University, 2009. Smith, L. (2009) The Australian Demographic Data Bank, 1901-2003: Deaths [Computer File]. Canberra: Australian Social Science Data Archive, The Australian National University, 2009.

Examples

```
plot(vic,years=1950:1997)
```

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