

# Package ‘addb’

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**Title** Australian Demographic Data Bank

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**Depends** R (>= 2.0), 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://robjhyndman.com/software/addb/>

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aus.fertility	<i>Australian fertility data</i>
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## 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 slightly 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*

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**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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