Package ‘wpp2010’

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R topics documented:

  wpp2010-package                          2
  e0                                      3
  migration                               4
  mx                                      5
  percentASFR                             6
  pop                                     7
  sexRatio                                8
  tfr                                     8
  UNlocations                             9

Index 11
Description


Details

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The package contains the following datasets:

- tfr, tfr_supplemental, tfrprojMed, tfrprojHigh, tfrprojLow: estimates and projections of total fertility rate
- e0F, e0M, e0F_supplemental, e0M_supplemental, e0Fproj, e0Mproj: estimates and projections of life expectancy
- popF, popM: age-specific population estimates and projections
- mxF, mxM: age-specific mortality rates
- migrationF, migrationM: age-specific net migration (see note below)
- sexRatio: sex ratio at birth as a ratio of female to male
- percentASFR: distribution of age-specific fertility rates
- UNlocations: location dataset

Note

Distributions of net migrants by age and sex are provided for illustrative purpose only. Migration figures are based on intercensal net residuals and official statistics, population distribution by age and sex or simplified versions of Rogers-Castro migration age patterns, and incorporate statistical adjustment errors.

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Source

These datasets are based on estimates and projections of United Nations, Department of Economic and Social Affairs, Population Division (2011).

References


Description

Datasets containing the United Nations time series of the life expectancy (e0) for all countries of the world as available in 2010. Datasets e0F and e0F_supplemental contain estimates for female historical e0; e0M and e0M_supplemental contain estimates for male historical e0. The _supplemental datasets contain a subset of countries for which data prior 1950 are available. Datasets e0Mproj and e0Fproj contain projections of male and female e0, respectively.

Usage

data(e0F)
data(e0M)
data(e0F_supplemental)
data(e0M_supplemental)
data(e0Fproj)
data(e0Mproj)

Format

The datasets contain one record per country or region. They contain the following variables:

1950-1955, 1955-1960, ... Life expectancy in various five-year time intervals. The e0*_proj datasets start at 2010-2015. The e0*_supplemental datasets start at 1750-1755. Missing data have NA values.
Source

These datasets are based on estimates and projections of United Nations, Department of Economic and Social Affairs, Population Division (2011).

References


Examples

data(e0M)
head(e0M)
data(e0Fproj)
str(e0Fproj)

Description

Estimates and projections of male and female age-specific net migration.

Usage

data(migrationM)
data(migrationF)

Format

Data frames with one row per country and age group. For each country there are 21 age groups. It contains the following variables:

country Country name.
Note

Distributions of net migrants by age and sex are provided for illustrative purpose only. Migration figures are based on intercensal net residuals and official statistics, population distribution by age and sex or simplified versions of Rogers-Castro migration age patterns, and incorporate statistical adjustment errors.

Source

These datasets are based on estimates and projections of United Nations, Department of Economic and Social Affairs, Population Division (2011).

References


Examples

data(migrationM)
str(migrationM)

mx Age-specific Mortality Data

Description

Age-specific data on mortality for male (mxM) and female (mxF).

Usage

data(mxm)
data(mxf)

Format

Data frames with one row per country and age group. For each country there are 22 age groups. It contains the following variables:

country Country name.
Source

This dataset is based on estimates and projections of United Nations, Department of Economic and Social Affairs, Population Division (2011).

References


Examples

data(percentASFR)
str(percentASFR)

| percentASFR | Datasets on Age-specific Distribution of Fertility Rates |

Description

Datasets giving the percentage of fertility rates over ages 15-50.

Usage

data(percentASFR)

Format

A data frame with one row per country and age group. For each country there are seven age groups. It contains columns `country`, `country_code`, `age` and one columns per time interval.

Source

This dataset is based on estimates and projections of United Nations, Department of Economic and Social Affairs, Population Division (2011).

References


Examples

data(percentASFR)
str(percentASFR)
Description

Datasets with age-specific male and female historical population estimates and projections.

Usage

data(popM)
data(popF)

Format

Data frames with one row per country and age group. For each country there are 21 age groups. It contains the following variables:

country Country name.
1950, 1955, ... Population estimate or projection for the given time.

Source

These datasets are based on estimates and projections of United Nations, Department of Economic and Social Affairs, Population Division (2011).

References


Examples

data(popM)
str(popM)
Description

Estimates and projections of the sex ratio at birth derived as the number of female divided by the number of male.

Usage

data(sexRatio)

Format

A data frame with one record per country. It contains columns country, country_code, and one columns per time interval.

Source

This dataset is based on estimates and projections of United Nations, Department of Economic and Social Affairs, Population Division (2011).

References


Examples

data(sexRatio)
str(sexRatio)

____________________________________

tfr

United Nations Time Series of Total Fertility Rate

Description

Datasets containing the United Nations time series of the total fertility rate (TFR) for all countries of the world as available in 2010. Dataset tfr contains estimates of the historical TFR starting with 1950; tfr_supplemental contains a subset of countries for which data prior 1950 are available. Datasets tfrprojMed, tfrprojHigh and tfrprojLow contain median, high and low projections, respectively.
Usage

data(tfr)
data(tfr_supplemental)
data(tfrprojMed)
data(tfrprojHigh)
data(tfrprojLow)

Format

The datasets contain one record per country or region. It contains the following variables:


Source

These datasets are based on estimates and projections of United Nations, Department of Economic and Social Affairs, Population Division (2011).

References


Examples

data(tfr)
head(tfr)

data(tfrprojMed)
str(tfrprojMed)

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UNlocations  United Nations Table of Locations

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Description

United Nations table of locations, including regions, as available in 2010.
Usage

data(UNlocations)

Format

A data frame with one observations per country or region. It contains the following seven variables:


reg_code  Code of the regions.

reg_name  Name of the regions.

area_code  Area code.

area_name  Area names, such as Africa, Asia, Europe Latin America and the Caribbean, Northern America, Oceania, World.

location_type  Code giving the type of the observation (0=World, 2=Major Area, 3=Region, 4=Country/Area, 5=Development group, 12=Special groupings).

Source

Data provided by the United Nations Population Division

Examples

data(UNlocations)
Index

+Topic datasets
  e0, 3
  migration, 4
  mx, 5
  percentASFR, 6
  pop, 7
  sexRatio, 8
  tfr, 8
  UNlocations, 9
+Topic package
  wpp2010-package, 2

  e0, 3
  e0_supplemental (e0), 3
  e0F, 2
  e0F (e0), 3
  e0F_supplemental, 2
  e0F_supplemental (e0), 3
  e0Fproj, 2
  e0Fproj (e0), 3
  e0M, 2
  e0M (e0), 3
  e0M_supplemental, 2
  e0M_supplemental (e0), 3
  e0Mproj, 2
  e0Mproj (e0), 3

  migration, 4
  migrationF, 2
  migrationF (migration), 4
  migrationM, 2
  migrationM (migration), 4
  mx, 5
  mxF, 2
  mxF (mx), 5
  mxM, 2
  mxM (mx), 5

  percentASFR, 2, 6
  pop, 7

  popF, 2
  popF (pop), 7
  popM, 2
  popM (pop), 7

  sexRatio, 2, 8
  tfr, 2, 8
  tfr_supplemental, 2
  tfr_supplemental (tfr), 8
  tfrprojHigh, 2
  tfrprojHigh (tfr), 8
  tfrprojLow, 2
  tfrprojLow (tfr), 8
  tfrprojMed, 2
  tfrprojMed (tfr), 8
  UNlocations, 2, 9

  wpp2010 (wpp2010-package), 2
  wpp2010-package, 2