Package: demographr (via r-universe)

November 18, 2024

Title R package for mapping UK demographics

Version 0.0.1

Description A package to distribute UK demographic data.

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Depends R (>= 2.10)

Imports tibble

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

RemoteUrl https://github.com/humaniverse/demographr

RemoteRef 0.0.1

RemoteSha 5d73b83f4bd70048d39b6b9c4bffaf02c8aab321

Contents

age_gender21_ltla21_ew

Age and gender grouped data for England and Wales from 2021 Census

Description

A dataset containing Census 2021 age and gender count for each LA in England and Wales

Usage

age_gender21_ltla21_ew

Format

A data frame of class "tbl" with 11 rows and 11 variables:

ltla21_code Local Authority code

total_population Total population

total_female_population Total female population

total_male_population Total male population

younger_females Count of females aged under 20 years

working_age_females Count of females aged between 20 and 65

older_females Count of females aged over 65

younger_males Count of males aged under 20 years

working_age_males Count of males aged between 20 and 65

older_males Count of males aged over 65

Source

<https://www.nomisweb.co.uk/sources/census_2021_bulk>

---

age_gender_hsct20_ni	*Age and gender grouped data for Northern Ireland from Population 2020 (Health and Social Care Trusts)*

Description

A dataset containing Population 2020 age and gender count for each HSCT in Northern Ireland.

Usage

    age_gender_hsct20_ni

Format

A data frame of class "tbl" with 5 rows and 11 variables:

hsct20_name Health and Social Care Trust name

hsct20_code Health and Social Care Trust code

total_population Total population

total_female_population Total female population

total_male_population Total male population

younger_females Count of females aged under 16 years

working_age_females Count of females aged between 16 and 65

older_females Count of females aged over 65

younger_males Count of males aged under 16 years

working_age_males Count of males aged between 16 and 65

older_males Count of males aged over 65

Source

<https://www.nisra.gov.uk/>

| age_gender_ltla21_ni | *Age and gender grouped data for Northern Ireland from 2021 Census (Local Government Districts)* |

Description

A dataset containing Census 2021 age and gender count for each Local Government District in Northern Ireland.

Usage

```
age_gender_ltla21_ni
```

Format

A data frame of class "tbl" with 11 rows and 11 variables:

ltla21_name Local Government District name

ltla21_code Local Government District code

total_population Total population

total_female_population Total female population

total_male_population Total male population

younger_females Count of females aged under 20 years

working_age_females Count of females aged between 20 and 65

older_females Count of females aged over 65

younger_males Count of males aged under 20 years

working_age_males Count of males aged between 20 and 65

older_males Count of males aged over 65

Source

https://www.nisra.gov.uk/

disability21_lgd21_ni   *Disability data for Northern Ireland from the 2021 Census (LGD)*

Description

A data LSOA containing Census 2021 disability numbers and percentages for each LTLA in England and Wales.

Usage

```
disability21_lgd21_ni
```

Format

A data frame of class "tbl":

lgd21_code LGD code

disability Disability status

count The count of people with the disability status

prop The percentage of people with the disability status ...

Source

<https://www.nisra.gov.uk/>

disability21_lsoa21_ew

Disability data for England and Wales from the 2021 Census (Lower Super Output Area)

Description

A dataset containing Census 2021 disability numbers and percentages for each LSOA in England and Wales.

Usage

```
disability21_lsoa21_ew
```

Format

A data frame of class "tbl":

lsoa21_code LSOA code

disability Disability status

n The count of people with the disability status

total_residents Total residents in LSOA

prop The percentage of people with the disability status ...

Source

---

ethnicity21_detailed_msoa21

> *Ethnic group (detailed) data for England and Wales from the 2021 Census (MSOA)*

Description

A data sets containing Census 2021 detailed ethnic group numbers and percentages for each Middle Layer Super Output Area in England and Wales.

Usage

```
ethnicity21_detailed_msoa21
```

Format

A data frame of class "tbl" with 2,084,768 rows and 5 variables:

msoa21_code MSOA code

total_residents Total number of residents in the MSOA

ethnic_group Ethnic group (detailed)

n Number of people in the ethnic group

prop Percentage of people in the ethnic group ...

Source

---

ethnicity21_lsoa21   *Ethnic group data for England and Wales from the 2021 Census (LSOA)*

Description

A data sets containing Census 2021 ethnic group numbers and percentages for each Lower Layer Super Output Area in England and Wales.

Usage

```
ethnicity21_lsoa21
```

Format

A data frame of class "tbl" with 5 variables:

mloa21_code LSOA code

total_residents Total number of residents in the LSOA

ethnic_group Ethnic group

n Number of people in the ethnic group

prop Percentage of people in the ethnic group ...

Source

<https://ons.gov.uk/>

| ethnicity21_ltla21 | *Ethnic group data for England and Wales from the 2021 Census (Local Authority)* |

Description

A data sets containing Census 2021 ethnic group numbers and percentages for each Lower Tier Local Authority in England and Wales.

Usage

```
ethnicity21_ltla21
```

Format

A data frame of class "tbl" with 12578 rows and 4 variables:

ltla21_name Local Authority name

ltla21_code Local Authority code

ethnic_group Ethnic group

value The count or percentage of the ethnic group ...

Source

<https://ons.gov.uk/>

---

ethnicity21_ltla21_ni   *Ethnic group data for Northern Ireland from the 2021 Census (Local Authority)*

Description

A data sets containing Census 2021 ethnic group numbers and percentages for each Local Government District in Northern Ireland.

Usage

    ethnicity21_ltla21_ni

Format

A data frame of class "tbl" with 286 rows and 4 variables:

ltla21_name Local Authority name

ltla21_code Local Authority code

ethnic_group Ethnic group

value The count or percentage of the ethnic group ...

Source

<https://www.nisra.gov.uk/>

---

ethnicity21_msoa21   *Ethnic group data for England and Wales from the 2021 Census (MSOA)*

Description

A data sets containing Census 2021 ethnic group numbers and percentages for each Middle Layer Super Output Area in England and Wales.

Usage

    ethnicity21_msoa21

Format

A data frame of class "tbl" with 43,584 rows and 5 variables:

msoa21_code MSOA code

total_residents Total number of residents in the MSOA

ethnic_group Ethnic group

n Number of people in the ethnic group

prop Percentage of people in the ethnic group ...

Source

<https://ons.gov.uk/>

---

households21_ltla21	*Households in Lower Tier Local Authorities in England and Wales, as of Census 2021*

Description

A data sets containing Census 2021 population counts for each Lower Tier Local Authority in the UK. Currently only Local Authority data has been released for England and Wales.

Usage

```
households21_ltla21
```

Format

A data frame of class "tbl" with 331 rows and 3 variables:

ltla21_name Local Authority name

ltla21_code Local Authority code

households Number of households ...

Source

<https://ons.gov.uk/>

---

migration21_msoa21	*A data sets containing Census 2021 migration statistics with percentages for each Middle Super Output Area (MSOA).*

Description

A data sets containing Census 2021 migration statistics with percentages for each Middle Super Output Area (MSOA).

Usage

```
migration21_msoa21
```

Format

A data frame of class "tbl" with 7264 rows and 9 variables:

msoa21_code MSOA code

msoa21_name MSOA name

all_usual_residents Number of all usual residents

address_one_year_ago_is_the_same Number where address one year ago is the same as the address of enumeration

address_one_year_ago_is_student_or_boarding Number where address one year ago is student term-time or boarding school address in the UK

migrant_from_within_uk Migrant from within the UK: Number where address one year ago was in the UK

migrant_from_outside_uk Migrant from outside the UK: Number where address one year ago was outside the UK

prop_migrated_from_within_uk Proportion of migrants from within the UK

prop_migrated_from_outside_uk Proportion of migrants from outside the UK ...

Source

https://www.nomisweb.co.uk/sources/census_2021_bulk

---

population17_lsoa11	*Population estimates for LSOAs in England and Wales (mid-2017 estimates with 2011 codes)*

Description

A data set containing mid-2017 population estimates for Lower Layer Super Output Areas in England and Wales.

Usage

```
population17_lsoa11
```

Format

A data frame of class "tbl" with 34,753 rows and 94 variables:

lsoa11_name LSOA name

lsoa11_code LSOA code

total_population Total number of people living in each LSOA

0:90+ Number of people in each single age group ...

Source

https://ons.gov.uk/

---

population19_lsoa11   *Population estimates for LSOAs in England and Wales (mid-2019 estimates with 2011 codes)*

Description

A data set containing mid-2019 population estimates for Lower Layer Super Output Areas in England and Wales.

Usage

```
population19_lsoa11
```

Format

A data frame of class "tbl" with 34,753 rows and 94 variables:

lsoa11_name LSOA name

lsoa11_code LSOA code

total_population Total number of people living in each LSOA

0:90+ Number of people in each single age group ...

Source

<https://ons.gov.uk/>

---

population19_ltla19   *Population estimates for Local Authority Districts (mid-2019 values with 2019 codes)*

Description

A data set containing mid-2019 population estimates for Local Authority Districts (April 2019 codes) in each devolved nation.

Usage

```
population19_ltla19
```

Format

A data frame of class "tbl" with 339 rows and 94 variables:

ltla19_name LAD name

ltla19_code LAD code

total_population Total number of people living in each LAD

0:90+ Number of people in each single age group ...

Source

---

population19_ltla20	*Population estimates for Local Authority Districts (mid-2019 values with 2020 codes)*

Description

A data set containing mid-2019 population estimates for Local Authority Districts (April 2020 codes) in each devolved nation.

Usage

```
population19_ltla20
```

Format

A data frame of class "tbl" with 336 rows and 94 variables:

ltla20_name LAD name

ltla20_code LAD code

total_population Total number of people living in each LAD

`0:90+` Number of people in each single age group ...

Source

---

population19_msoa11	*Population estimates for MSOAs in England and Wales (mid-2019 estimates with 2011 codes)*

Description

A data set containing mid-2019 population estimates for Middle Layer Super Output Areas in England and Wales.

Usage

```
population19_msoa11
```

Format

A data frame of class "tbl" with 7,201 rows and 94 variables:

msoa11_name MSOA name

msoa11_code MSOA code

total_population Total number of people living in each MSOA

0:90+ Number of people in each single age group ...

Source

https://ons.gov.uk/

---

population19_utla19	*Population estimates for Counties and Unitary Authorities (mid-2019 values with 2019 codes)*

Description

A data set containing mid-2019 population estimates for County and Unitary Authority Districts (April 2019 codes) in each devolved nation.

Usage

```
population19_utla19
```

Format

A data frame of class "tbl" with 173 rows and 94 variables:

utla19_name County or Unitary Authority name

utla19_code County or Unitary Authority code

total_population Total number of people living in each area

0:90+ Number of people in each single age group ...

Source

https://ons.gov.uk/

---

population19_utla20   *Population estimates for Counties and Unitary Authorities (mid-2019 values with 2020 codes)*

Description

A data set containing mid-2019 population estimates for County and Unitary Authority Districts (April 2020 codes) in each devolved nation.

Usage

    population19_utla20

Format

A data frame of class "tbl" with 173 rows and 94 variables:

utla20_name County or Unitary Authority name

utla20_code County or Unitary Authority code

total_population Total number of people living in each area

0:90+ Number of people in each single age group ...

Source

<https://ons.gov.uk/>

---

population20_dz11   *Population estimates for Data Zones in Scotland (2020 estimates with 2011 codes)*

Description

A data set containing 2020 population estimates by age and sex for Data Zones in Scotland.

Usage

    population20_dz11

Format

A data frame of class "tbl" with 20,928 rows and 94 variables:

dz11_code Data Zone code

total_population Total number of people living in each DZ

sex 'Female', 'Male' or 'All'

0:90+ Number of people in each single age group ...

Source

---

population20_lsoa11	*Population estimates for LSOAs in England and Wales (mid-2020 estimates with 2011 codes)*

Description

A data set containing mid-2020 population estimates for Lower Layer Super Output Areas in England and Wales.

Usage

```
population20_lsoa11
```

Format

A data frame of class "tbl" with 34,753 rows and 94 variables:

lsoa11_name LSOA name

lsoa11_code LSOA code

total_population Total number of people living in each LSOA

`0:90+` Number of people in each single age group ...

Source

---

population20_ltla20	*Population estimates for Local Authority Districts (mid-2020 values with 2020 codes)*

Description

A data set containing mid-2020 population estimates for Local Authority Districts (April 2020 codes) in each devolved nation.

Usage

```
population20_ltla20
```

Format

A data frame of class "tbl" with 336 rows and 94 variables:

ltla20_name LAD name

ltla20_code LAD code

total_population Total number of people living in each LAD

`0:90+` Number of people in each single age group ...

Source

<https://ons.gov.uk/>

| population20_ltla21 | *Population estimates for Local Authority Districts (mid-2020 values with 2021 codes)* |

Description

A data set containing mid-2020 population estimates for Local Authority Districts (April 2021 codes) in each devolved nation.

Usage

```
population20_ltla21
```

Format

A data frame of class "tbl" with 331 rows and 94 variables:

ltla21_name LAD name

ltla21_code LAD code

total_population Total number of people living in each LAD

`0:90+` Number of people in each single age group ...

Source

<https://ons.gov.uk/>

---

population20_msoa11	*Population estimates for MSOAs in England and Wales (mid-2020 estimates with 2011 codes)*

Description

A data set containing mid-2020 population estimates for Middle Layer Super Output Areas in England and Wales.

Usage

```
population20_msoa11
```

Format

A data frame of class "tbl" with 7,201 rows and 94 variables:

msoa11_name MSOA name

msoa11_code MSOA code

total_population Total number of people living in each MSOA

`0:90+` Number of people in each single age group ...

Source

<https://ons.gov.uk/>

---

population20_oa11	*Population estimates for OAs in England and Wales (mid-2020 estimates with 2011 codes)*

Description

A data set containing mid-2020 population estimates for Output Areas in England and Wales.

Usage

```
population20_oa11
```

Format

A data frame of class "tbl" with 181,408 rows and 94 variables:

oa11_name OA name

oa11_code OA code

total_population Total number of people living in each OA

`0:90+` Number of people in each single age group ...

Source

<https://ons.gov.uk/>

---

population20_utla20	*Population estimates for Counties and Unitary Authorities (mid-2020 values with 2020 codes)*

Description

A data set containing mid-2020 population estimates for County and Unitary Authority Districts (April 2020 codes) in each devolved nation.

Usage

```
population20_utla20
```

Format

A data frame of class "tbl" with 172 rows and 94 variables:

utla20_name County or Unitary Authority name

utla20_code County or Unitary Authority code

total_population Total number of people living in each area

`0:90+` Number of people in each single age group ...

Source

<https://ons.gov.uk/>

---

population21_country21	
	Population in UK countries, as of Census 2021

Description

A data sets containing Census 2021 population counts for each UK nation. Note that Scotland has not yet released its latest Census results, so this is based on mid-year population estimates.

Usage

```
population21_country21
```

Format

A data frame of class "tbl" with 4 rows and 3 variables:

country_name Country name

country_code Country code

population Number of people ...

Source

https://ons.gov.uk/

---

population21_ltla21   *Population in UK Lower Tier Local Authorities, as of Census 2021*

Description

A data sets containing Census 2021 population counts for each Lower Tier Local Authority in the UK. Currently only Local Authority data has been released for England and Wales.

Usage

```
population21_ltla21
```

Format

A data frame of class "tbl" with 331 rows and 3 variables:

ltla21_name Local Authority name

ltla21_code Local Authority code

population Number of people ...

Source

https://ons.gov.uk/

---

population22_ltla19_scotland

Population in Scotland Councils, 2022 mid year estimates

Description

A data set containing 2022 mid year estimate population counts for each Council in Scotland by sex, age.

Usage

```
population22_ltla19_scotland
```

Format

A data frame of class "tbl" with 32 rows and 95 variables:

ltla19_name Local Authority name

ltla19_code Local Authority code

sex Sex

all_ages Total number of people

`0:90 and over` Number of people in each single age group ...

Source

[https://www.nrscotland.gov.uk/statistics-and-data/statistics/statistics-by-theme/population/population-estimates/mid-year-population-estimates/mid-2022#:~:text=Of%20the%2032%20council%20areas,and%20Orkney%20Islands%20with%2022%2C020)](https://www.nrscotland.gov.uk/statistics-and-data/statistics/statistics-by-theme/population/population-estimates/mid-year-population-estimates/mid-2022#:~:text=Of%20the%2032%20council%20areas,and%20Orkney%20Islands%20with%2022%2C020)

---

population_hb19   *Scottish Health Board (2019) Population Estimates*

Description

A data set containing population estimates for NHS Scotland Health Boards (2019), from 1981 to 2021.

Usage

```
population_hb19
```

Format

A data frame of class "tbl" with 574 rows and 3 variables:

hb19_code NHS Health Board code

year Year of population estimate

total_population Total population for all ages ...

Source

| proficiency21_msoa21 | *Proficiency in English for England and Wales from the 2021 Census (MSOA)* |

Description

A data sets containing Census 2021 proficiency in English numbers and percentages for each Middle Layer Super Output Area in England and Wales.

Usage

```
proficiency21_msoa21
```

Format

A data frame of class "tbl" with 7,264 rows and 8 variables:

msoa21_code MSOA code

Main language is English (English or Welsh in Wales) Number of residents where main language is English (English or Welsh in Wales)

Main language is not English (English or Welsh in Wales) Number of residents where main language is not English (English or Welsh in Wales)

Main language is not English (English or Welsh in Wales): Can speak English very well Number of residents where main language is not English (English or Welsh in Wales): Can speak English very wel

Main language is not English (English or Welsh in Wales): Can speak English well Number of residents where main language is not English (English or Welsh in Wales): Can speak English wel

Main language is not English (English or Welsh in Wales): Cannot speak English well Number of residents where main language is not English (English or Welsh in Wales): Cannot speak English wel

Main language is not English (English or Welsh in Wales): Cannot speak English Number of residents where main language is not English (English or Welsh in Wales): Cannot speak English-wel ...

Source

<https://ons.gov.uk/>

---

religion21_lsoa21 *Religion data for England and Wales from the 2021 Census (MSOA)*

Description

A data sets containing Census 2021 religion numbers and percentages for each Lower Layer Super Output Area in England and Wales.

A data sets containing Census 2021 religion numbers and percentages for each Local Government District in Northern Ireland.

Usage

```
religion21_lsoa21

religion21_lsoa21
```

Format

A data frame of class "tbl" with 5 variables:

lsoa21_code LSOA code

total_residents Total number of residents in the LSOA

religion Religion

n Number of people in the religion

prop Percentage of people in the religion ...

A data frame of class "tbl" with 5 variables:

lgd21_code LGD code

religion Religion

count Number of people

prop Percentage of people ...

Source

<https://ons.gov.uk/>

<https://www.nisra.gov.uk/>

sexualorientation21_lgd21_ni

Religion data for NI from the 2021 Census (LGD)

Description

A data sets containing Census 2021 sexual orientation numbers and percentages for each Local Government District in Northern Ireland.

Usage

```
sexualorientation21_lgd21_ni
```

Format

A data frame of class "tbl" with 4 variables:

lgd21_code LGD code

sexual_orientation Sexual Orientation

count Number of people

prop Percentage of people ...

Source

<https://www.nisra.gov.uk/>

---

sexualorientation21_msoa21_ew

Religion data for England and Wales from the 2021 Census (MSOA)

Description

A data sets containing Census 2021 sexual orientation numbers and percentages for each MSOA in England and Wales

Usage

```
sexualorientation21_msoa21_ew
```

Format

A data frame of class "tbl" with 4 variables:

msoa21_code MSOA code

sexual_orientation Sexual Orientation

count Number of people

prop Percentage of people ...

Source

<https://ons.gov.uk/>

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