Package: demographr (via r-universe)

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Title R package for mapping UK demographics Version 0.0.1 Description A package to distribute UK demographic data. License MIT + file LICENSE Encoding UTF-8 LazyData true Roxygen list(markdown = TRUE) RoxygenNote 7.3.1 Depends R (>= 2.10) Imports tibble Repository https://r-multiverse-staging.r-universe.dev RemoteUrl https://github.com/humaniverse/demographr RemoteRef 5d73b83f4bd70048d39b6b9c4bffaf02c8aab321

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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 males aged over 65 younger_males Count of males aged between 16 and 65 older_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:

Itla21_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 codedisability Disability statusn The count of people with the disability statustotal_residents Total residents in LSOAprop The percentage of people with the disability status ...

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

```
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

https://ons.gov.uk/

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

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:

Itla21_name Local Authority name

Itla21_code Local Authority code

ethnic_group Ethnic group

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

Source

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:

Itla21_name Local Authority name
Itla21_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 codetotal_residents Total number of residents in the MSOAethnic_group Ethnic groupn Number of people in the ethnic groupprop Percentage of people in the ethnic group ...

households21_ltla21

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:

Itla21_name Local Authority name

Itla21_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

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 es-
	timates 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

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:

Itla19_nameLAD nameItla19_codeLAD codetotal_populationTotal number of people living in each LAD

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

Source

https://ons.gov.uk/

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:

Itla20_name LAD name

Itla20_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/

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

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

population19_utla20

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 ...

population20_lsoa11

Source

https://www.opendata.nhs.scot/

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

https://ons.gov.uk/

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

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

Itla20_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:

Itla21_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/

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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:

msoal1_name MSOA name
msoal1_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 esti-
	mates 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:

oall_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

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

Itla21_code Local Authority code

population Number of people ...

Source

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:

Itla19_name Local Authority name

Itla19_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%200rkney%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

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

https://www.opendata.nhs.scot/

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 Englishwel ...

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/

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 ...

sexualorientation21_msoa21_ew

Source

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