Package 'IMD'

October 12, 2022

Type Package

Title Index of Multiple Deprivation Data for the UK

Version 1.2.2

Description Index of Multiple Deprivation for UK nations at various geographical levels. In England, deprivation data is for Lower Layer Super Output Areas, Middle Layer Super Output Areas, Wards, and Local Authorities based on data from <https: //www.gov.uk/government/statistics/english-indices-of-deprivation-2019>.

In Wales, deprivation data is for Lower Layer Super Output Areas, Middle Layer Super Output Areas, Wards, and Local Authorities based on data from <https://www.areas.com/areas

//gov.wales/welsh-index-multiple-deprivation-full-index-update-ranks-2019>.
In Scotland, deprivation data is for Data Zones, Intermediate Zones, and
Council Areas based on data from <https://simd.scot>. In Northern Ireland,
deprivation data is for Super Output Areas and Local Government Districts
based on data from <https://www.nisra.gov.uk/statistics/deprivation/
northern-ireland-multiple-deprivation-measure-2017-nimdm2017>.
The 'IMD' package also provides the composite UK index developed by
<https://github.com/mysociety/composite_uk_imd>.

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URL https://github.com/humaniverse/IMD

BugReports https://github.com/humaniverse/IMD/issues

Encoding UTF-8

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Index

aggregate_scores Aggregate deprivation scores

Description

Aggregate deprivation scores into higher-level geographies, calculating: - proportion of highly deprived areas - extent (proportion of the local population that live in the most deprived areas) population-weighted average score

calculate_extent

Usage

```
aggregate_scores(
  data,
  score_col,
  rank_col,
  decile_col,
  higher_level_geography,
  population
)
```

Arguments

data	Data frame containing a variable to be aggregated, lower level geography popu- lation estimates, and a higher level geographical grouping variable	
score_col	Variable containing deprivation scores	
rank_col	Variable containing deprivation ranks	
decile_col	Variable containing deprivation deciles	
higher_level_geography		
	Name of the variable in the data frame containing the higher level geography names/codes	
population	Name of the variable in the data frame containing the population estimates of the lower level geography	

Value

A tibble containing population-weighted average scores, proportions of highly deprived areas, and the extent for the higher-level geography.

calculate_extent Extent

Description

extent calculates 'extent' scores when aggregating up small areas.

Usage

```
calculate_extent(data, var, higher_level_geography, population)
```

Arguments

data	Data frame containing a variable to be aggregated, lower level geography population estimates, and a higher level geographical grouping variable
var	Name of the variable in the data frame containing the variable to be aggregated (e.g. rank) for the lower level geography

higher_level_ge	eography
	Name of the variable in the data frame containing the higher level geography names/codes
population	Name of the variable in the data frame containing the population estimates of the lower level geography

Details

"Extent" is the proportion of the local population that live in areas classified as among the most deprived in the higher geography. The calculation of extent is taken from the IMD technical report Appendix N:

"The population living in the most deprived 11 to 30 per cent of Lower-layer Super Output Areas receive a sliding weight, ranging from 0.95 for those in the most deprived eleventh percentile, to 0.05 for those in the most deprived thirtieth percentile. In practice this means that the weight starts from 0.95 in the most deprived eleventh percentile, and then decreases by (0.95-0.05)/19 for each of the subsequent nineteen percentiles until it reaches 0.05 for the most deprived thirtieth percentile, and zero for areas outside the most deprived 30 per cent"

calculate_pop_weighted_score

Population-weighted scores

Description

Calculate population-weighted scores within small areas.

Usage

calculate_pop_weighted_score(data, var, higher_level_geography, population)

Arguments

data	Data frame containing a variable to be aggregated, lower level geography popu- lation estimates, and a higher level geographical grouping variable
var	Name of the variable in the data frame containing the variable to be aggregated (e.g. rank) for the lower level geography
higher_level_ge	eography Name of the variable in the data frame containing the higher level geography names/codes
population	Name of the variable in the data frame containing the population estimates of the lower level geography

calculate_proportion Proportion

Description

Calculate proportion of small areas in the higher-level geography that are within the 10

Usage

```
calculate_proportion(data, var, higher_level_geography, max_quantile = 1)
```

Arguments

data	Data frame containing a variable to be aggregated, lower level geography popu- lation estimates, and a higher level geographical grouping variable
var	Name of the variable in the data frame containing the variable to be aggregated (e.g. decile) for the lower level geography
higher_level_g	geography
	Name of the variable in the data frame containing the higher level geography names/codes
<pre>max_quantile</pre>	Get proportion of small areas categorised as less than or equal to 'max_quantile' (default = 1)

cni_england_ward17	Community Needs Ind	lex and Left Behind	l Areas for Wards (2017
	codes) in England		

Description

A data set containing the Community Needs Index scores and ranks and its three domains. Also highlights which areas are categorised as 'Left Behind'.

Usage

cni_england_ward17

Format

A data frame of class "tbl" with 7433 rows and 13 variables:

ward17_code Ward code

ward17_name Ward name

lad19_code Local Authority code

lad19_name Local Authority name

Civic Assets score Score for the Civic Assets domain (higher score = higher needs)

Civic Assets rank Rank for the Civic Assets domain (1 = highest needs)

Connectedness score Score for the Connectedness domain (higher score = higher needs)

Connectedness rank Rank for the Connectedness domain (1 = highest needs)

Engaged community score Score for the Engaged Community domain (higher score = higher needs)

Engaged community rank Rank for the Engaged Community domain (1 = highest needs)

Community Needs Index score Overall Community Needs Index score (higher score = higher needs)

Community Needs Index rank Overall Community Needs Index rank (1 = highest needs)

Left Behind Area? TRUE if this Ward is a Left Behind Area ...

Source

https://ocsi.uk/

cni_northern_ireland_soa11

Community Needs Index and Left Behind Areas for Super Output Areas (2011 codes) in Northern Ireland

Description

A data set containing the Community Needs Index scores and ranks and its three domains. Also highlights which areas are categorised as 'Left Behind'.

Usage

cni_northern_ireland_soa11

Format

A data frame of class "tbl" with 890 rows and 13 variables:

soa11_code Super Output Area code

soal1_name Super Output Area name

lgd14_name Local Government District name

lgd14_code Local Government District code

Civic Assets score Score for the Civic Assets domain (higher score = higher needs)

Civic Assets rank Rank for the Civic Assets domain (1 = highest needs)

Connectedness score Score for the Connectedness domain (higher score = higher needs)

Connectedness rank Rank for the Connectedness domain (1 = highest needs)

- **Engaged Community score** Score for the Engaged Community domain (higher score = higher needs)
- **Engaged Community rank** Rank for the Engaged Community domain (1 = highest needs)
- **Community Needs Index score** Overall Community Needs Index score (higher score = higher needs)

Community Needs Index rank Overall Community Needs Index rank (1 = highest needs) **Left Behind Area?** TRUE if this Ward is a Left Behind Area ...

Source

https://ocsi.uk/

cni_scotland_iz11	Community Needs Index and Left Behind Areas for Intermediate Zones
	(2011 codes) in Scotland

Description

A data set containing the Community Needs Index scores and ranks and its three domains. Also highlights which areas are categorised as 'Left Behind'.

Usage

cni_scotland_iz11

Format

A data frame of class "tbl" with 1,279 rows and 11 variables:

iz11_code Intermediate Zone code

iz11_name Intermediate Zone name

Civic Assets score Score for the Civic Assets domain (higher score = higher needs)

Civic Assets rank Rank for the Civic Assets domain (1 = highest needs)

Connectedness score Score for the Connectedness domain (higher score = higher needs)

Connectedness rank Rank for the Connectedness domain (1 = highest needs)

- **Engaged Community score** Score for the Engaged Community domain (higher score = higher needs)
- **Engaged Community rank** Rank for the Engaged Community domain (1 = highest needs)
- **Community Needs Index score** Overall Community Needs Index score (higher score = higher needs)

Community Needs Index rank Overall Community Needs Index rank (1 = highest needs) **Left Behind Area?** TRUE if this Ward is a Left Behind Area ...

Source

https://ocsi.uk/

cni_wales_msoa11

Description

A data set containing the Community Needs Index scores and ranks and its three domains. Also highlights which areas are categorised as 'Left Behind'.

Usage

cni_wales_msoa11

Format

A data frame of class "tbl" with 410 rows and 12 variables:

msoal1_code MSOA code

msoal1_name MSOA name

lad21_name Local Authority name

Civic Assets score Score for the Civic Assets domain (higher score = higher needs)

Civic Assets rank Rank for the Civic Assets domain (1 = highest needs)

Connectedness score Score for the Connectedness domain (higher score = higher needs)

Connectedness rank Rank for the Connectedness domain (1 = highest needs)

- **Engaged Community score** Score for the Engaged Community domain (higher score = higher needs)
- **Engaged Community rank** Rank for the Engaged Community domain (1 = highest needs)
- **Community Needs Index score** Overall Community Needs Index score (higher score = higher needs)
- Community Needs Index rank Overall Community Needs Index rank (1 = highest needs)

Left Behind Area? TRUE if this Ward is a Left Behind Area ...

Source

https://ocsi.uk/

imd_england_lad

Description

A data set containing aggregated scores and proportions for Local Authorities in England. Note that extents are not available.

Usage

imd_england_lad

Format

A data frame of class "tbl" with 317 rows and 18 variables:

lad_code LAD code Score Population-weighted average score Proportion Proportion of small areas in the nation's most deprived Extent Extent for overall IMD Income_Score Population-weighted average score for Income domain Income_Proportion Proportion of most deprived areas for Income Employment_Score Population-weighted average score for Employment domain Employment Proportion Proportion of most deprived areas for Employment Education_Score Population-weighted average score for Education domain Education_Proportion Proportion of most deprived areas for Education Health_Score Population-weighted average score for Health domain Health_Proportion Proportion of most deprived areas for Health Crime_Score Population-weighted average score for Crime domain Crime_Proportion Proportion of most deprived areas for Crime Housing_and_Access_Score Population-weighted average score for Housing/Access domain Housing_and_Access_Proportion Proportion of most deprived areas for Housing/Access domain Environment_Score Population-weighted average score for Environment domain Environment_Proportion Proportion of most deprived areas for Environment ...

Source

imd_england_lad_subdomains

Sub-domains of deprivation for Local Authorities in England

Description

A data set containing deprivation sub-domain ranks and deciles for Local Authorities in England.

Usage

imd_england_lad_subdomains

Format

A data frame of class "tbl" with 317 rows and 13 variables:

lad_code Local Authority code

Children_and_young_people_Proportion Children and Young People sub-domain proportion

Children_and_young_people_Extent Children and Young People sub-domain extent

Adult_skills_Proportion Adult Skills sub-domain proportion

Adult_skills_Extent Adult Skills sub-domain extent

Geographical_barriers_Proportion Geographical Barriers sub-domain proportion

Geographical_barriers_Extent Geographical Barriers sub-domain extent

Wider_barriers_Proportion Wider Barriers sub-domain proportion

Wider_barriers_Extent Wider Barriers sub-domain extent

Indoors_Proportion Indoors sub-domain proportion

Indoors_Extent Indoors sub-domain extent

Outdoors_Proportion Outdoors sub-domain proportion

Outdoors_Extent Outdoors sub-domain extent ...

Source

imd_england_lsoa Index of Multiple Deprivation for LSOAs in England

Description

A data set containing IMD ranks and deciles for Lower Layer Super Output Areas (LSOAs) in England.

Usage

imd_england_lsoa

Format

A data frame of class "tbl" with 32,844 rows and 17 variables:

Isoa code LSOA code IMD decile IMD decile Income_decile Income domain decile Employment_decile Employment domain decile Education_decile Education domain decile Health_decile Health and Disability domain decile Crime_decile Crime domain decile Housing_and_Access_decile Housing and access to services domain decile Environment_decile Environment domain decile IMD_rank IMD rank Income_rank Income domain rank Employment_rank Employment domain rank Education_rank Education domain rank Health_rank Health domain rank Crime_rank Crime domain rank Housing_and_Access_rank Housing and access to services domain rank Environment_rank Environment domain rank ...

Source

imd_england_lsoa_subdomains

Sub-domains of deprivation for LSOAs in England

Description

A data set containing deprivation sub-domain ranks and deciles for Lower Layer Super Output Areas (LSOAs) in England.

Usage

imd_england_lsoa_subdomains

Format

A data frame of class "tbl" with 32,844 rows and 19 variables:

Isoa code LSOA code Education decile Education domain decile Children and young people decile Children and Young People sub-domain decile Adult skills decile Adult Skills sub-domain decile Housing_and_Access_decile Housing and access to services domain decile Geographical_barriers_decile Geographical Barriers sub-domain decile Wider_barriers_decile Wider Barriers sub-domain decile Environment_decile Environment domain decile Indoors_decile Indoors sub-domain decile Outdoors_decile Outdoors sub-domain decile Education_rank Education domain rank Children_and_young_people_rank Children and Young People sub-domain rank Adult_skills_rank Adult Skills sub-domain rank Housing_and_Access_rank Housing and access to services domain rank Geographical barriers rank Geographical Barriers sub-domain rank Wider_barriers_rank Wider Barriers sub-domain rank Environment_rank Environment domain rank Indoors rank Indoors sub-domain rank Outdoors_rank Outdoors sub-domain rank ...

Source

imd_england_msoa

Description

A data set containing population-weighted average scores, proportions and extents for Middle Layer Super Output Areas (LSOAs) in England.

Usage

imd_england_msoa

Format

A data frame of class "tbl" with 6,791 rows and 25 variables: msoa_code MSOA code Score Population-weighted average IMD score Proportion Proportion of small areas in the nation's most deprived Extent Extent for overall IMD Income_Score Population-weighted average score for Income domain Income_Proportion Proportion of most deprived areas for Income Income Extent Extent for Income **Employment_Score** Population-weighted average score for Employment domain Employment_Proportion Proportion of most deprived areas for Employment Employment_Extent Extent for Employment Education_Score Population-weighted average score for Education domain Education_Proportion Proportion of most deprived areas for Education Education Extent Extent for Education Health_Score Population-weighted average score for Health domain Health_Proportion Proportion of most deprived areas for Health Health_Extent Extent for Health Crime_Score Population-weighted average score for Crime domain Crime Proportion Proportion of most deprived areas for Crime Crime Extent Extent for Crime Housing and Access Score Population-weighted average score for Housing/Access domain Housing_and_Access_Proportion Proportion of most deprived areas for Housing/Access domain Housing_and_Access_Extent Extent for Housing/Access **Environment Score** Population-weighted average score for Environment domain Environment_Proportion Proportion of most deprived areas for Environment Environment_Extent Extent for Environment ...

Source

https://www.gov.uk/

imd_england_msoa_subdomains

Sub-domains of deprivation for MSOAs in England

Description

A data set containing deprivation sub-domain ranks and deciles for Middle Layer Super Output Areas (MSOAs) in England.

Usage

imd_england_msoa_subdomains

Format

A data frame of class "tbl" with 6,791 rows and 13 variables:

msoa_code MSOA code

Children_and_young_people_Proportion Children and Young People sub-domain proportion

Children_and_young_people_Extent Children and Young People sub-domain extent

Adult skills Proportion Adult Skills sub-domain proportion

Adult_skills_Extent Adult Skills sub-domain extent

Geographical_barriers_Proportion Geographical Barriers sub-domain proportion

Geographical_barriers_Extent Geographical Barriers sub-domain extent

Wider_barriers_Proportion Wider Barriers sub-domain proportion

Wider_barriers_Extent Wider Barriers sub-domain extent

Indoors_Proportion Indoors sub-domain proportion

Indoors_Extent Indoors sub-domain extent

Outdoors_Proportion Outdoors sub-domain proportion

Outdoors_Extent Outdoors sub-domain extent ...

Source

imd_england_ward

Description

A data set containing population-weighted average scores, proportions and extents for wards in England.

Usage

imd_england_ward

Format

A data frame of class "tbl" with 7,180 rows and 25 variables: ward_code Ward code Score Population-weighted average IMD score Proportion Proportion of small areas in the nation's most deprived Extent Extent for overall IMD Income_Score Population-weighted average score for Income domain Income_Proportion Proportion of most deprived areas for Income Income_Extent Extent for Income **Employment_Score** Population-weighted average score for Employment domain Employment_Proportion Proportion of most deprived areas for Employment Employment_Extent Extent for Employment Education_Score Population-weighted average score for Education domain Education_Proportion Proportion of most deprived areas for Education Education Extent Extent for Education Health_Score Population-weighted average score for Health domain Health_Proportion Proportion of most deprived areas for Health Health_Extent Extent for Health Crime_Score Population-weighted average score for Crime domain Crime Proportion Proportion of most deprived areas for Crime Crime Extent Extent for Crime Housing and Access Score Population-weighted average score for Housing/Access domain Housing_and_Access_Proportion Proportion of most deprived areas for Housing/Access domain Housing_and_Access_Extent Extent for Housing/Access **Environment Score** Population-weighted average score for Environment domain Environment_Proportion Proportion of most deprived areas for Environment Environment_Extent Extent for Environment ...

Source

https://www.gov.uk/

Description

A data set containing deprivation sub-domain ranks and deciles for wards in England.

Usage

imd_england_ward_subdomains

Format

A data frame of class "tbl" with 7,180 rows and 13 variables:

ward_code Ward code

Children_and_young_people_Proportion Children and Young People sub-domain proportion

Children_and_young_people_Extent Children and Young People sub-domain extent

Adult_skills_Proportion Adult Skills sub-domain proportion

Adult_skills_Extent Adult Skills sub-domain extent

Geographical_barriers_Proportion Geographical Barriers sub-domain proportion

Geographical_barriers_Extent Geographical Barriers sub-domain extent

Wider_barriers_Proportion Wider Barriers sub-domain proportion

Wider_barriers_Extent Wider Barriers sub-domain extent

Indoors_Proportion Indoors sub-domain proportion

Indoors_Extent Indoors sub-domain extent

Outdoors_Proportion Outdoors sub-domain proportion

Outdoors_Extent Outdoors sub-domain extent ...

Source

imd_northern_ireland_lad

Index of Multiple Deprivation for Local Government Districts in Northern Ireland

Description

A data set containing proportions and extents for Local Government Districts (Local Authorities) in Northern Ireland.

Usage

imd_northern_ireland_lad

Format

A data frame of class "tbl" with 11 rows and 25 variables:

lad_code LAD code Proportion Proportion of small areas in the nation's most deprived Extent Extent for overall IMD Income_Proportion Proportion of most deprived areas for Income Income_Extent Extent for Income Employment_Proportion Proportion of most deprived areas for Employment Employment_Extent Extent for Employment Education_Proportion Proportion of most deprived areas for Education Education_Extent Extent for Education Health_Proportion Proportion of most deprived areas for Health Health_Extent Extent for Health Crime_Proportion Proportion of most deprived areas for Crime Crime_Extent Extent for Crime Access_Proportion Proportion of most deprived areas for Access domain Access_Extent Extent for Access Environment_Proportion Proportion of most deprived areas for Environment Environment Extent Extent for Environment ...

Source

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

```
imd_northern_ireland_soa
```

Index of Multiple Deprivation for Super Output Areas in Northern Ireland

Description

A data set containing IMD ranks and deciles for SOAs in Northern Ireland.

Usage

imd_northern_ireland_soa

Format

A data frame of class "tbl" with 890 rows and 17 variables:

soa_code Super Output Area code IMD_decile IMD decile Income_decile Income domain decile Employment_decile Employment domain decile Health_decile Health and Disability domain decile Education_decile Education domain decile Access_decile Access to services domain decile Environment_decile Environment domain decile Crime decile Crime domain decile IMD_rank IMD rank Income_rank Income domain rank Employment_rank Employment domain rank Health_rank Health domain rank Education_rank Education domain rank Access_rank Access to services domain rank Environment_rank Environment domain rank Crime_rank Crime domain rank ...

Source

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

imd_scotland_dz

Description

A data set containing IMD ranks and deciles for Data Zones in Scotland

Usage

imd_scotland_dz

Format

A data frame of class "tbl" with 6,976 rows and 17 variables:

dz_code Data Zone code IMD_decile IMD decile Income_decile Income domain decile Employment_decile Employment domain decile Education_decile Education domain decile Health_decile Health and Disability domain decile Crime_decile Crime domain decile Housing_decile Housing domain decile Access_decile Access to services domain decile IMD rank IMD rank Income_rank Income domain rank Employment_rank Employment domain rank Education_rank Education domain rank Health_rank Health domain rank Crime_rank Crime domain rank Housing_rank Housing domain rank

Access_rank Access to services domain rank ...

Source

https://www.gov.scot/

imd_scotland_iz

Description

A data set containing proportions and extents for Intermediate Zones (IZs) in Scotland. Note that IMD scores for Scotland are not available.

Usage

imd_scotland_iz

Format

A data frame of class "tbl" with 1,279 rows and 17 variables:

iz code Intermediate Zone code Proportion Proportion of small areas in the nation's most deprived Extent Extent for overall IMD Income_Proportion Proportion of most deprived areas for Income Income_Extent Extent for Income Employment_Proportion Proportion of most deprived areas for Employment Employment_Extent Extent for Employment Education_Proportion Proportion of most deprived areas for Education Education_Extent Extent for Education Health_Proportion Proportion of most deprived areas for Health Health_Extent Extent for Health Crime_Proportion Proportion of most deprived areas for Crime Crime Extent Extent for Crime Housing_Proportion Proportion of most deprived areas for Housing domain Housing_Extent Extent for Housing Access_Proportion Proportion of most deprived areas for Access domain Access Extent Extent for Access ...

Source

https://www.gov.scot/

imd_scotland_lad Index of M

Description

A data set containing proportions and extents for Council Areas (Local Authorities) in Scotland. Note that IMD scores for Scotland are not available.

Usage

imd_scotland_lad

Format

A data frame of class "tbl" with 32 rows and 17 variables:

lad code Local Authority code Proportion Proportion of small areas in the nation's most deprived Extent Extent for overall IMD Income_Proportion Proportion of most deprived areas for Income Income_Extent Extent for Income Employment_Proportion Proportion of most deprived areas for Employment Employment_Extent Extent for Employment Education_Proportion Proportion of most deprived areas for Education Education_Extent Extent for Education Health_Proportion Proportion of most deprived areas for Health Health_Extent Extent for Health Crime_Proportion Proportion of most deprived areas for Crime Crime Extent Extent for Crime Housing_Proportion Proportion of most deprived areas for Housing domain Housing_Extent Extent for Housing Access_Proportion Proportion of most deprived areas for Access domain Access Extent Extent for Access ...

Source

https://www.gov.scot/

imd_wales_lad

Description

A data set containing proportions and extents for Local Authorities in Wales. Note that IMD scores for Wales are not available.

Usage

imd_wales_lad

Format

A data frame of class "tbl" with 22 rows and 19 variables:

lad_code LAD code Proportion Proportion of small areas in the nation's most deprived Extent Extent for overall IMD Income_Proportion Proportion of most deprived areas for Income Income_Extent Extent for Income Employment_Proportion Proportion of most deprived areas for Employment Employment_Extent Extent for Employment Education_Proportion Proportion of most deprived areas for Education Education_Extent Extent for Education Health_Proportion Proportion of most deprived areas for Health Health_Extent Extent for Health Crime_Proportion Proportion of most deprived areas for Crime Crime Extent Extent for Crime Housing_Proportion Proportion of most deprived areas for Housing domain Housing_Extent Extent for Housing Access_Proportion Proportion of most deprived areas for Access domain Access_Extent Extent for Access Environment_Proportion Proportion of most deprived areas for Environment Environment Extent Extent for Environment ...

Source

https://gov.wales/

imd_wales_lsoa

Description

A data set containing IMD ranks and deciles for Lower Layer Super Output Areas (LSOAs) in Wales.

Usage

imd_wales_lsoa

Format

A data frame of class "tbl" with 1,909 rows and 19 variables:

lsoa_code LSOA code IMD_decile IMD decile Income_decile Income domain decile Employment_decile Employment domain decile Education_decile Education domain decile Health_decile Health and Disability domain decile Crime_decile Crime domain decile Housing_decile Housing domain decile Access_decile Access to services domain decile Environment_decile Environment domain decile IMD_rank IMD rank Income_rank Income domain rank Employment_rank Employment domain rank Education_rank Education domain rank Health_rank Health domain rank Crime_rank Crime domain rank Housing_rank Housing domain rank Access_rank Access to services domain rank Environment_rank Environment domain rank ...

Source

https://gov.wales/

imd_wales_msoa

Description

A data set containing proportions and extents for Middle Layer Super Output Areas (LSOAs) in Wales. Note that IMD scores for Wales are not available.

Usage

imd_wales_msoa

Format

A data frame of class "tbl" with 410 rows and 28 variables:

msoa code MSOA code Score Population-weighted average IMD score Proportion Proportion of small areas in the nation's most deprived Extent Extent for overall IMD Income Score Population-weighted average income score Income Proportion Proportion of most deprived areas for Income Income_Extent Extent for Income Employment Score Population-weighted average Employment score Employment_Proportion Proportion of most deprived areas for Employment **Employment Extent** Extent for Employment Education_Score Population-weighted average Education score Education_Proportion Proportion of most deprived areas for Education Education Extent Extent for Education Health_Score Population-weighted average Health score Health_Proportion Proportion of most deprived areas for Health Health Extent Extent for Health Crime_Score Population-weighted average Crime score Crime_Proportion Proportion of most deprived areas for Crime Crime Extent Extent for Crime Housing_Score Population-weighted average Housing score Housing Proportion Proportion of most deprived areas for Housing domain Housing_Extent Extent for Housing Access Score Population-weighted average Access score Access_Proportion Proportion of most deprived areas for Access domain Access Extent Extent for Access Environment_Score Population-weighted average Environment score Environment_Proportion Proportion of most deprived areas for Environment Environment_Extent Extent for Environment ...

imd_wales_ward

Source

https://gov.wales/

imd_wales_ward Index of Multiple Deprivation for Wards in Wales

Description

A data set containing population-weighted average scores, proportions and extents for wards in Wales Note that IMD scores for Wales are not available.

Usage

imd_wales_ward

Format

A data frame of class "tbl" with 843 rows and 19 variables:

ward code Ward code Proportion Proportion of small areas in the nation's most deprived Extent Extent for overall IMD Income_Proportion Proportion of most deprived areas for Income Income_Extent Extent for Income Employment_Proportion Proportion of most deprived areas for Employment Employment_Extent Extent for Employment Education Proportion Proportion of most deprived areas for Education Education_Extent Extent for Education Health_Proportion Proportion of most deprived areas for Health Health_Extent Extent for Health Crime_Proportion Proportion of most deprived areas for Crime Crime Extent Extent for Crime Housing_Proportion Proportion of most deprived areas for Housing domain Housing_Extent Extent for Housing Access_Proportion Proportion of most deprived areas for Access domain Access_Extent Extent for Access Environment_Proportion Proportion of most deprived areas for Environment Environment_Extent Extent for Environment ...

Source

https://gov.wales/

load_composite_imd Load composite 2020 UK Index of Multiple Deprivation

Description

Load data from mySociety's composite 2020 UK Index of Multiple Deprivation: https://github.com/mysociety/composite_uk_

Usage

```
load_composite_imd(nation = "E")
```

Arguments

nation

The initial letter of the UK nation whose composite IMD you want to load. Should be one of: (E)ngland, (W)ales, (S)cotland (N)orthern Ireland. See the GitHub link about for more details about why there are separate composite IMDs for each nation.

Examples

```
## Not run:
imd_uk <- load_composite_imd("E")</pre>
```

End(Not run)

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