



Census data provision and mapping

Population Statistics User Group

14th December 2022



Presentation outline

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- Common category lookups and names lookups
- Geography lookups

2. **Data provided**

- Change data and 2021 data
- LSOA, ward, Local Authority

3. **Where to get our data and data tools**

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- Reports
- GitHub

4. **Census mapping tool**

- Ward and LSOA mapping tool



1. Data tools

Common category lookups

dat_21	num	dat_11	common_cats		
English (English or Welsh in Wales)	1	English (English or Welsh if in Wales)	English (English or Welsh in Wales)		
Welsh or Cymraeg (in England only)	2	Welsh/Cymraeg (in England only)	Welsh or Cymraeg (in England only)		
Other UK language: Gaelic (Irish)	3	Other UK language: Gaelic (Irish)	Other UK language: Gaelic (Irish)		
Other UK language: Gaelic (Scottish)	4	Other UK language: Gaelic (Scottish)	Other UK language: Gaelic (Scottish)		
Other UK language: Manx Gaelic	5	Other UK language: Manx Gaelic	Other UK language: Manx Gaelic		
Other UK language: Gaelic (Not otherwise specified)	6	Other UK language: Gaelic (Not otherwise specified)	Other UK language: Gaelic (Not otherwise specified)		
Other UK language: Cornish	7	Other UK language: Cornish	Other UK language: Cornish		
Other UK language: Scots	8	Other UK language: Scots	Other UK language: Scots		
Other UK language: Ulster Scots	9		Other language		
Other UK language: Romany English	10	Other UK language: Gypsy/Traveller languages	Other UK language: Gypsy or Traveller languages		
Other UK language: Irish Traveller Cant	11	Other UK language: Gypsy/Traveller languages	Other UK language: Gypsy or Traveller languages		
French	12	French	French		
Portuguese	13	Portuguese	Portuguese		

Weighted geography lookups

gss_code_ward	ward_name	gss_code_oa	oa_ward_weight
E05014053	Abbey	E00000063	1
E05014053	Abbey	E00000246	0.733944954
E05014053	Abbey	E00000247	1
E05014053	Abbey	E00000249	1
E05014053	Abbey	E00000251	0.082508251
E05014053	Abbey	E00175102	1
E05014053	Abbey	E00175103	1
E05014053	Abbey	E00175104	1
E05014053	Abbey	E00175105	1
E05014053	Abbey	E00185667	0.113744076
E05014053	Abbey	E00185690	0.402985075
E05014053	Abbey	E00185746	1
E05014053	Abbey	E00185791	1
E05014053	Abbey	E00185821	0.611111111
E05014054	Alibon	E00000070	1
E05014054	Alibon	E00000071	1
E05014054	Alibon	E00000073	1
E05014054	Alibon	E00000074	1

- Address-weighted methodology as previously presented
- Lookups available for:
 - 2011 OA to 2022 ward boundaries
 - 2021 OA to 2022 ward boundaries
 - 2011 LSOA to 2022 ward boundaries
 - 2021 LSOA to 2022 ward boundaries
- Unable to fit MSOA-level data to ward boundaries

Names lookup

orig_names	plot_name
Europe: United Kingdom: England	England
Europe: United Kingdom: Northern Ireland	Northern Ireland
Europe: United Kingdom: Scotland	Scotland
Europe: United Kingdom: Wales	Wales
Europe: United Kingdom: Great Britain not otherwise specified	Great Britain not otherwise specified
Europe: United Kingdom: United Kingdom not otherwise specified	United Kingdom not otherwise specified
Europe: Other Europe: EU countries: Member countries in March 2001: Ireland	Ireland
Europe: Other Europe: EU countries: Member countries in March 2001: France	France
Europe: Other Europe: EU countries: Member countries in March 2001: Germany	Germany
Europe: Other Europe: EU countries: Member countries in March 2001: Italy	Italy



2. Data provided

Data provided

- **Datasets provided:** (1) Change data from 2011-2021, (2) standalone 2021 data
- **Geographies:** LSOA, Ward, Local Authority
- **Variable detail:** full detail at Local Authority (e.g. 59 Country of Birth categories), aggregated detail at LSOA and ward (e.g. 11 Country of Birth categories)



3. Where to get data

Census reports

[Plot - world regions](#)[Plot - top countries](#)[Table](#)

Table 5: Population by country of birth, London, 2011 and 2021

[CSV](#)Search:

Region of Birth	Country of Birth	2021 percentage	2011 percentage	% point change	2021 count	2011 count	Count change
A	A	All	All	A	A	A	A
Europe	United Kingdom	59.36	63.32	-3.96	5223986	5175677	48309
Middle East and Asia	India	3.67	3.21	0.46	322644	262247	60397
Europe	Romania	2	0.55	1.45	175991	44848	131143
Europe	Poland	1.7	1.94	-0.24	149397	158300	-8903
The Americas and the Caribbean	All South American countries	1.62	1.1	0.52	142318	90315	52003

GLA census pages

LONDON DATASTORE donal_ring ▾

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2021 Census
Release timetable
Census reports
2021 ward estimates
2011 Census
Tools
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Commissioned Tables

Estimates for London wards

We expect ONS will produce estimates for wards early in 2023. They will best-fit whole Output Areas to wards but we don't yet know if their estimates will include detail not previously available at OA geography, or if they will simply aggregate OA figures.

CIS estimates will be published on this page as soon as possible after ONS publish OA figures. CIS estimates so far are [Demography and Migration tables](#) (published on 2 November) and [Ethnicity, Language and Religion](#) (published on 29 November). Estimates split OAs at ward boundaries and apportion data as necessary so will not be the same as the best fit figures ONS will produce beginning in January 2023.

Estimates are provided as excel spreadsheets and include comparable figures for 2011. Where additional detail is possible for 2011 data, it is given on [this page](#).

<https://data.london.gov.uk/census/2021-ward-estimates/>

CITY INTELLIGENCE

GLA GitHub

<> Code Issues Pull requests Actions Projects Security Insights

main

1 branch 0 tags

Go to file

Code



donal-ring-london Second commit

9b8e982 yesterday 2 commits



data

First commit

2 days ago



data_tools

First commit

2 days ago



downloading_files.txt

Second commit

yesterday

https://github.com/donal-ring-london/census_data

CITY INTELLIGENCE



4. Census mapping



Mapping tool

- <https://apps.london.gov.uk/census-explorer/>