User-centric Geographies

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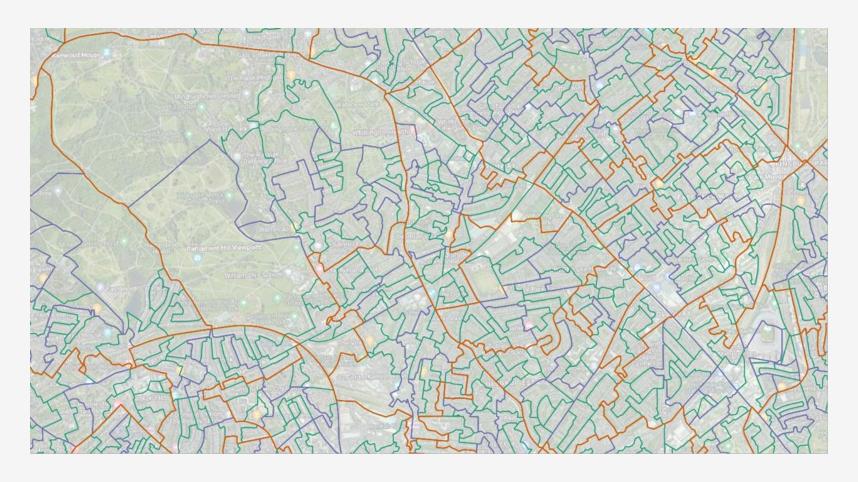




Granular data - address



Small area geographies



Minimum thresholds

Thresholds	OAs	LSOAs (*~)	MSOAs (¬)
England	100 people, 40 households	1,000 to 3,000 people 400 to 1,200 households	5,000 to 15,000 people 2,000 to 6,000 households
Wales			
Scotland	50 people, 20 households	500 to 1,000 people	2,500 to 6,000 people
Northern Ireland	100 people, 40 households	1,300 to 2,800 people	

- ¬ In Scotland MSOAs are called Intermediate Zone
- ~ In Northern Ireland they only have a single Super Output Area (SOA) geography instead of LSOAs and MSOAs

^{*} In Scotland LSOAs are called Data Zones

2011 average population sizes

Population	OAs	LSOAs (*~)	MSOAs (¬)
England	309	1,614	7,806
Wales	305	1,605	7,472
Scotland	114	759	4,140
Northern Ireland	399	2,035	

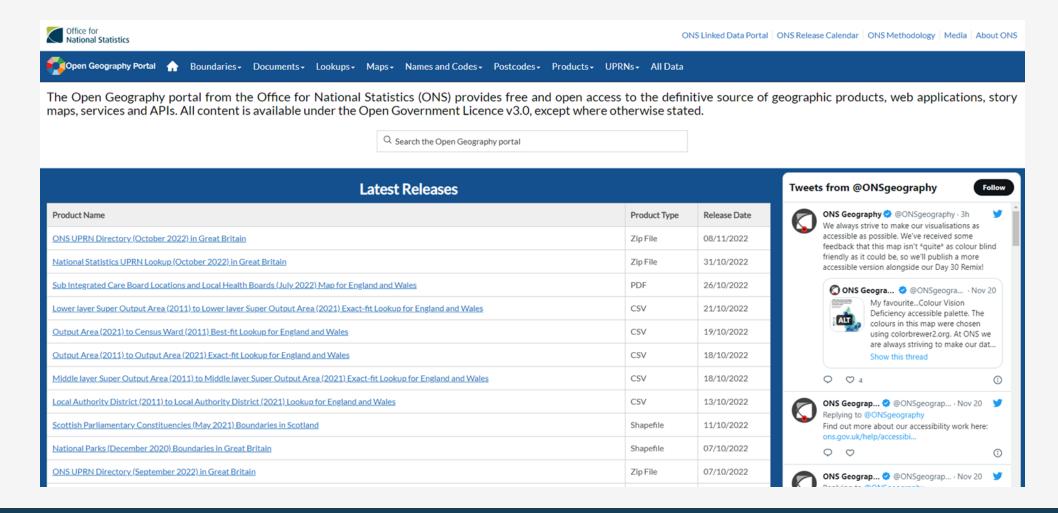
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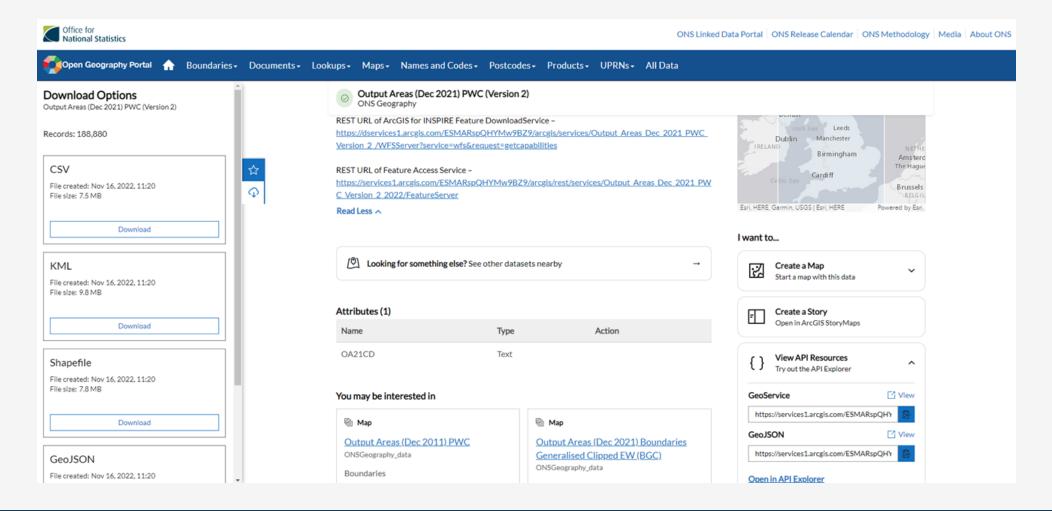
Population-weighted centroids



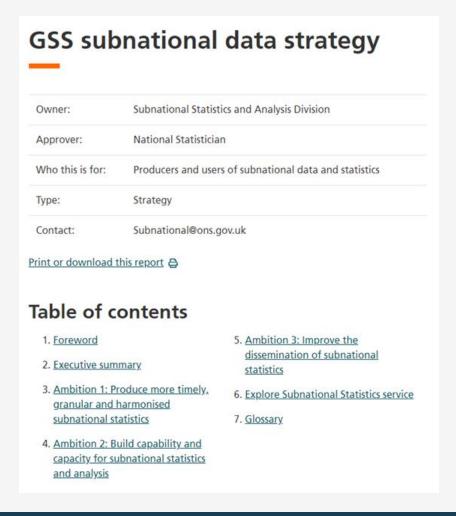
Disseminate



Disseminate



Government Statistical Service - Strategy



User-defined flexible areas

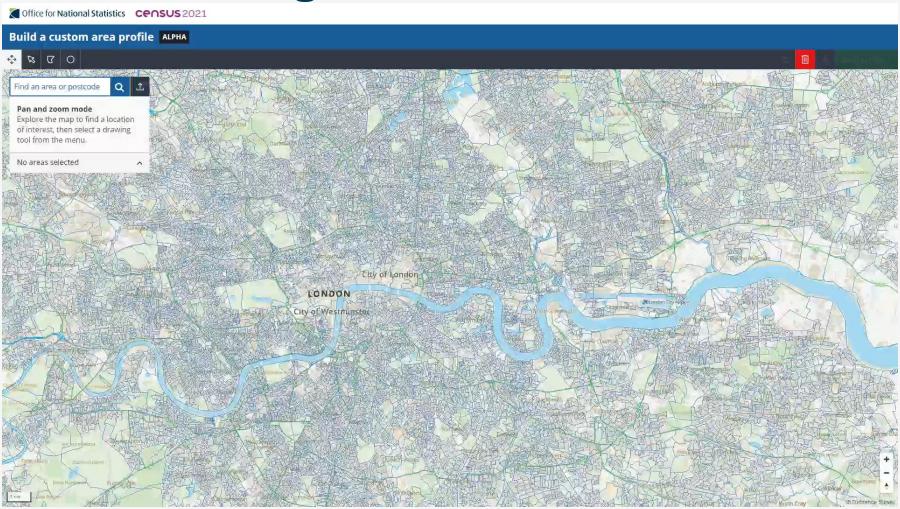
Ambition 1: Produce more timely, granular and harmonised subnational statistics

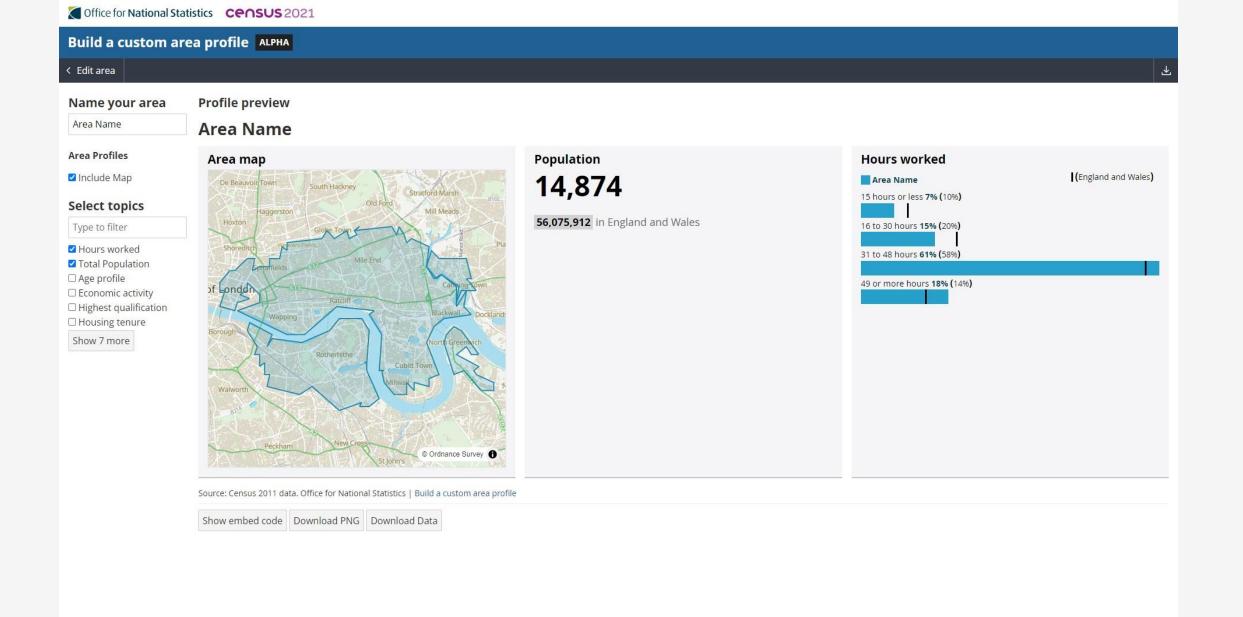
The demand for subnational statistics is increasing. Statistics at granular levels of geography are essential to understand the issues affecting local areas, ensuring the best evidence base to enable good decision making and monitoring of the impact of policies.

Feedback from local stakeholders indicates a need for more data at lower-level and user-defined flexible areas, to meet planning and policy needs. This includes more timely and accurate estimates of the size of the population broken down by demographics for small, local areas, and small area statistics that can help them to understand relationships between the outcomes people experience, such as their health, education or job, and their characteristics, for example their ethnicity or disability.

The case study on the Office for National Statistics (ONS) Health Index describes how a new experimental statistic has been created to provide a single value to measure health for each local authority in England that can be tracked over time and compared between different areas.

What are we doing in ONS?





Considerations.....

- Top-down data granularity
- Educating users



- Defining the scope of work
- Variability in small area geographies globally





Three concepts.....

- Geography Products (Small Area Estimation/Geographies, Population Weighted Centroids)
- User Demand / Policy (Demand for disaggregated data)
- Technical (Dashboards, Select & build technology)

User-defined flexible areas

Ambition 1: Produce more timely, granular and harmonised subnational statistics

The demand for subnational statistics is increasing. Statistics at granular levels of geography are essential to understand the issues affecting local areas, ensuring the best evidence base to enable good decision making and monitoring of the impact of policies.

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What should the Expert Group do?

Building the Team

Leadership

Task Team Members

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Grounding the Theory (Geography Products, Use-Demand Policy, Technical)

A globally agreed definitions of User-Centric Geographies

Methodologies that **ensure** privacy and confidentiality

Implementing "Common Geographies"

Position Paper on User Centric Geographies

Guidance

National Examples

Concerns

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Thank you Questions?

