

Census 2021 outputs consultation introduction

cyfrifiad
census
2021

Welcome

The webinar will begin at 10:30.

Questions

Visit www.sli.do and enter code 129052 to ask your questions.

Technology problems

Email: 2021Census.Engagement@ons.gov.uk

6 Sept 2021

Welcome

Lara Phelan

Census 2021 Engagement Team

Purpose of this session

- On 13 July 2021 we launched a consultation detailing our:
‘Census 2021 outputs: content design and release phase proposals’
- This session is our opportunity to share:
 - Information about what we are consulting on
 - Why we need your feedback on our plans
 - How you can navigate and respond to the online consultation



Structure for today's session

- **Part 1**
 - Why we are consulting
 - A look at our proposed plans for the phased release of Census 2021 data
- **Part 2**
 - What is in the consultation
 - How your feedback will influence what outputs are produced
- **Part 3**
 - Demonstration of how to complete the online consultation questionnaire
- **Part 4**
 - Opportunity to ask questions Visit www.sli.do and enter code 129052 to ask your questions

During the Q&A, we will be focusing on questions you have about how to complete the consultation. Information about your data requirements should be submitted through the consultation.

Why we are consulting

Callum Foster

Census 2021 Outputs and Dissemination

The census counts everyone in England and Wales



The cost and effort of taking a census is only worthwhile when the results are provided to users in ways that allow them to use the information to improve the decisions they make.

Purpose of the census

All kinds of organisations, from local authorities to charities, use census information.

There are two main types of use:

1. Describing the population on Census day
2. Informing the decisions of the future

We want our outputs to help answer the most important questions facing society today



From questionnaire to outputs

- Between March and May 2021, the population of England and Wales were encouraged to fill in their Census 2021 questionnaire
 - We ran a successful data collection operation and exceeded our 94% target
- We are now processing the responses. This takes time, as the information provided needs to be turned into safe, flexible and accessible outputs. Activities include:
 - filling in any gaps in responses, and deal with multiple returns
 - estimating the level of undercount and adding missing people and households
 - running processes to protect confidentiality of individual responses
 - turning data into accessible outputs
- We are now at the stage where we can share our plans on outputs to get your feedback, before the first release of Census 2021 findings in Spring 2022.

Importance of consulting

Public consultations, in the form of online surveys, allow us to:

- Share our detailed plans, progress and reasoning behind decisions that will impact how users can interact with our data
- Offer a place for **any** member of the public to provide feedback on our plans and share their requirements
- Collect thorough feedback over a 12-week period
- Identify and address any gaps in our plans that users tell us about

We want to meet as many of your needs as we can.

- **If you don't tell us what you need from census data, we might miss something important to you**

Aims of this consultation

- The consultation document and supporting materials act as a draft release schedule and indication of our plans
- The consultation is about **what** data we plan to produce
- **How** we produce the data is only discussed where it is relevant to decisions on what we plan to produce
- Results will help us:
 - identify any new or changed data needs
 - prioritise the development of proposed outputs products
 - finalise our release schedule and prospectus
 - develop plans to supplement Census 2021 data



Maximising the value of census data in times of change

- We want to maximise the use and utility of Census 2021 data
- Census has always been a snapshot, but also used as the best estimate for informing decisions many years later, particularly where less alternative information available from other sources
- The current period of societal change will likely mean that some characteristics are subject to more rapid change
- We always planned to combine and supplement census data with other sources, the focus of that work is now slightly different



Release schedule and outputs prospectus

Census outputs range in complexity. In order to begin sharing the data as soon as possible, we are proposing to release Census 2021 outputs in phases.

Summary of proposed release schedule

March 2022 to March 2023

Phase 1 – Release of population and household estimates, univariate data and analysis by topic, and area profiles

Phase 2 – Release of multivariate data and more complex analysis based on usual resident population

Phase 3 – Release of alternative population bases, small population data, origin-destination data and microdata

Standard outputs

Bespoke, restricted, or commissioned outputs

Beyond March 2023

Release of UK data and longitudinal or linked data analysis

Phase 1 overview

- In Phase 1, we plan to release:
 - Largely ready-made univariate data tables
 - Topic summaries equivalent to the 2011 Census ‘Quick statistics’
 - Area profiles similar to the 2011 Census ‘Key statistics’
- We’re aiming for Output Areas (OAs) to be the main geographical base. These are around 150 households in size.

Initial census findings

Rounded national population estimates

Population and household estimates

Unrounded local authority estimates, sex by age

Topic summaries

Staggered release of simple topic-based data and accompanying commentary

1. Demography and migration
2. Ethnic group, national identity, language and religion
3. Sexual orientation and gender identity
4. Health, disability, and unpaid care
5. Housing
6. Labour market and travel to work
7. Education
8. Veterans

Area profiles

Simple summary of census data for a chosen geographic area

Phase 2 to 3 overview

- Across phases 2 and 3, we plan to release:
 - Largely multivariate data
 - Data tables equivalent to the 2011 Census ‘Local Characteristics’ and ‘Detailed Characteristics’ in phase 2
 - Small population tables, and analytical insights on sub-populations
 - Commissioned table service in phase 3

Phase 2

‘Ready-made’ tables and ‘Build-your-own’ tables

Multivariate and cross-tabulated data

Phase 3

Alternative population bases

Eg workday or out-of-term-time populations

Small population tables

Eg Jain, Nepalese

Origin-destination data

Eg travel-to-work or internal migration data

Microdata

Anonymised individual and household record-level data

Analytical insights

Detailed analytical reports exploring specific sub-populations and policy areas

Census 2021 data dissemination ‘hybrid’ model

Ready-made tables

- Data tables that contain information down to a particular level that is safe to share across all geographies
- Allowing users to directly compare data from different areas and potentially from previously censuses

Build-your-own table functionality

- Users can request their own combinations of variables and detail for any area or level of geography of interest
- The requested data will only be provided for each geography that the automated disclosure checks determine it is safe to share
- This functionality provides users with flexibility to get more data for areas that are less disclosive than others

Data confidentiality



329 out of 340 areas
pass confidentiality
checks.

For example, you might request data on 340 geographic areas but you will only receive the data for 329 of areas, where the data is safe to provide.

The details for what we plan to include in these tables are listed in the ‘Draft proposals for outputs data content’ spreadsheet, available from the “related links” section of [Census 2021 outputs consultation](#).

Beyond March 2023 product overview

Beyond March 2023, we plan to release

- More complex analysis of Census 2021 data using other data sources
- UK outputs where data can be compared from:
 - Census 2021 for England and Wales, that we, the ONS, held
 - Census 2021 in Northern Ireland, that the Northern Ireland Statistics and Research Agency held
 - Census 2022 in Scotland that the National Records of Scotland will hold in March 2022

UK data

England, Wales, Northern Ireland and Scotland data

Longitudinal and linked data analysis

Analysis through time and with other data sources

Scope of the consultation

A summary of the proposals we are asking the public to provide feedback on,
before 5 October 2021

Helena Rosiecka

Census 2021 Outputs and Dissemination

What we are consulting on

- The consultation has been structured into sections and subsections
- Users can choose the topics they want to consult on

Shape of outputs and analysis release schedule

Main changes to variables compared to the 2011 Census

Proposals for feasibility work to derive new variables

Population-base specifications

Taking a census during a period of change

Paradata:
Information about how we collected the data

Shape of the release schedule

We're asking for your feedback on:

- Ordering of the eight topic summary publications →
- Specifications for:
 - Ready-made tables
 - Build-your-own tables
 - Census analysis
 - Area profiles, including needs for small parishes
- Outputs that reflect geographical boundaries as of May 2022
- Producing UK data

Topic summaries

1. Demography and migration	2. Ethnic group, national identity, language and religion
3. Sexual orientation and gender identity	4. Health, disability and unpaid care
5. Housing	6. Labour market and travel to work
7. Education	8. Veterans

Main changes to variables: new questions

We're asking for your feedback on our variable proposals and analysis plans

census 2021

[Previous](#)

Have you previously served in the UK Armed Forces?

Current serving members should only select "No"

Select all that apply

Yes, previously served in Regular Armed Forces

Yes, previously served in Reserve Armed Forces

Or

No

census 2021

[Previous](#)

Which of the following best describes your sexual orientation?

This question is **voluntary**

Straight or Heterosexual

Gay or Lesbian

Bisexual

Other sexual orientation

Enter sexual orientation

Clear selection

census 2021

[Previous](#)

Is the gender you identify with the same as your sex registered at birth?

This question is **voluntary**

Yes

No

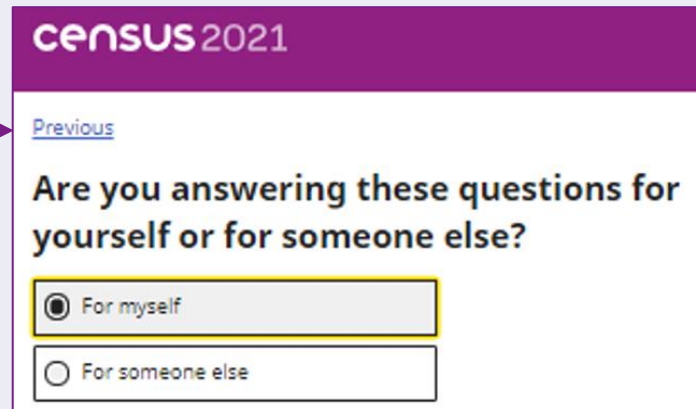
Enter gender identity

Clear selection

Main changes to variables: other changes

We're asking for your needs related to the classifications, with specific questions on:

- Ethnic group
- Age bands
- Country of birth
- Proxy response



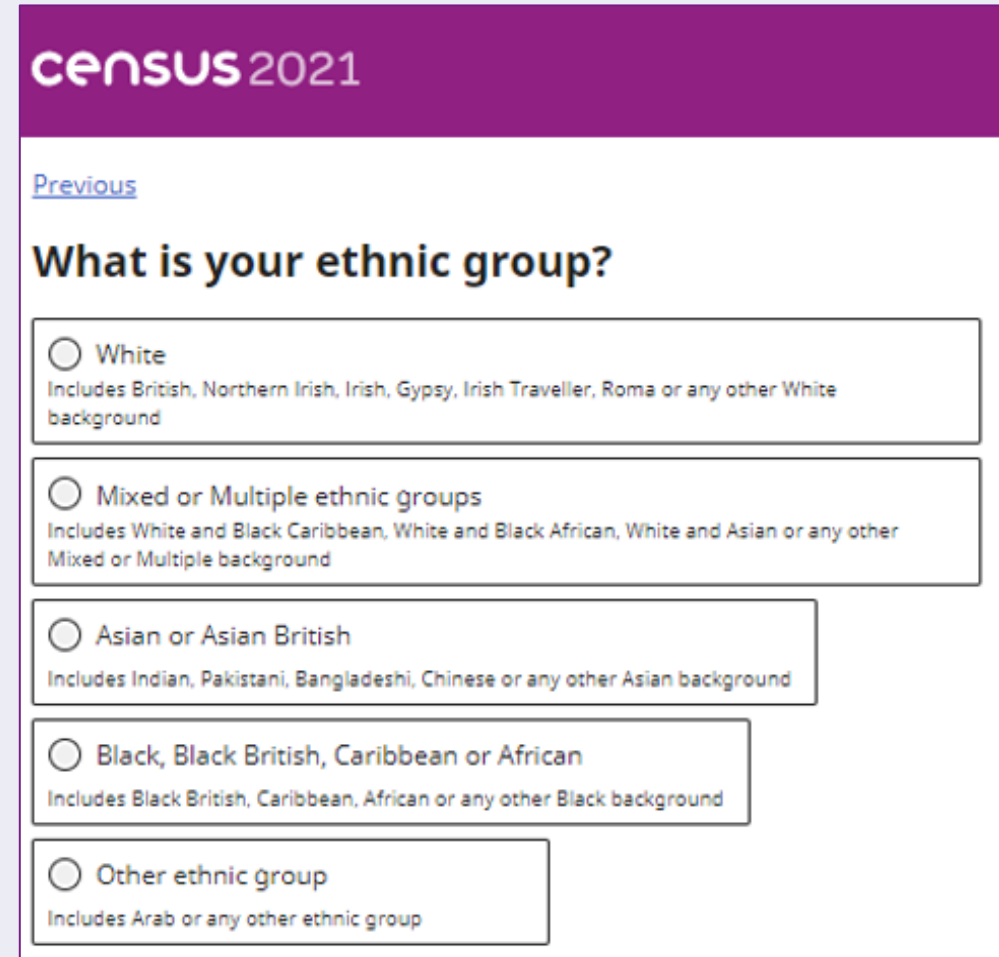
census 2021

[Previous](#)

Are you answering these questions for yourself or for someone else?

For myself

For someone else



census 2021

[Previous](#)

What is your ethnic group?

White
Includes British, Northern Irish, Irish, Gypsy, Irish Traveller, Roma or any other White background

Mixed or Multiple ethnic groups
Includes White and Black Caribbean, White and Black African, White and Asian or any other Mixed or Multiple background

Asian or Asian British
Includes Indian, Pakistani, Bangladeshi, Chinese or any other Asian background

Black, Black British, Caribbean or African
Includes Black British, Caribbean, African or any other Black background

Other ethnic group
Includes Arab or any other ethnic group

Population-base specifications

We're asking what data tables and analysis you need for alternative population bases.

The main population bases for Census 2021 are:

- Usual residents
- Households
- Usual residents in households
- Communal establishments
- Usual residents in communal establishments
- Household reference persons (HRP)

Alternative population bases are those that either:

- move usual residents to different locations
- report on a population that is not usually resident

The alternative population bases for Census 2021 are:

- Workplace
- Workday
- Out-of-term population
- Short-term resident
- Second address

Population base specifications: Small populations

- We're asking what data tables and analysis you need for small populations.
- Our initial proposal is to produce tables equivalent to those published in 2011. These include local-authority-level tables by five-year age bands by sex, for 30 population groups.

Ethnic group:

- Afghan
- Filipino
- Greek
- Greek Cypriot
- Kurdish
- Latin Central South American
- Nepalese
- Polish
- Somali
- Sri Lankan
- Tamil
- Turkish
- Turkish Cypriot

Country of birth:

- Bangladesh
- Bulgaria
- Cyprus EU
- France
- Ghana
- India
- Ireland
- Jamaica
- Nigeria
- Pakistan
- Philippines
- Poland
- Romania
- Somalia
- Sri Lanka
- South Africa
- Turkey

Small populations (continued)

In addition, we are proposing to produce these for the following populations:

- Cornish
- Jain
- Kashmiri
- Nepalese
- Ravidassia
- Sikh

For Census 2021 outputs, we are defining Sikh and Jain using both religion and ethnic group.

*MSOA stands for 'Middle Layer Super Output Areas'

Threshold number of persons	Geography	Variables and characteristics
100 & 200	MSOA*	Age, sex
100 & 200	MSOA	Age, sex, limiting long term disability, provision of unpaid care
100 & 200	MSOA	Industry, hours worked, proficiency in English
200	MSOA	Sex, economic activity, hours, limiting long term illness/disability
200	MSOA	Sex, provision of unpaid care, economic activity, health
200	Local authority	Age, sex, highest level of qualification, economic activity
200	MSOA	Industry, hours worked, proficiency in English
200	MSOA	Age, sex, qualifications, economic activity
100 & 200	MSOA	Sex, occupation, qualifications
200	MSOA	Age, sex, method of travel to work
100	MSOA	Age by sex by economic activity by health by provision of unpaid care
100 & 200	MSOA	Sex, National Statistics Socio-economic Classification (NS-SEC), economic activity

Taking a census during a period of change

- We want to help answer the most important questions facing society today
- We need to understand the impact the current period of societal change has had on your needs for:
 - Place of residence data
 - Economic activity and employment data
 - Travel to work data
 - Workplace zones (geography)
 - Migration, health, unpaid care etc...
- Impacts may include new, changed or reprioritised needs



How we will use your feedback

How we will evaluate your feedback

- We will use the information you provide to:
 - identify any new or changed data needs
 - prioritise the development of proposed outputs products
 - finalise our release schedule and prospectus
 - develop plans to supplement Census 2021 data
- The evaluation will seek to balance:
 - The strength of need for the requested census data
 - How publication of the requested data will serve the public good
 - Other considerations, such data quality, disclosure control and cost



Serving the public good

The purpose to which the data will be put is central to the evaluation process. Purposes include:

- resource allocation
- service planning
- policy evaluation
- diversity monitoring

Implications if the requested data are not produced are also important. Implications include:

- increased financial costs
- reduced quality of data used in decision making
- not meeting legislative requirements



If you don't tell us what you need from census data, we might miss something important to you.

Thank you in advance for consulting with us

it's about us
census 2021

How to respond to the consultation

Ellen Burgess

Census 2021 Outputs and Dissemination

How to respond

The Census 2021 outputs consultation

- Will remain open from **13 July 2021** to **5 October 2021**
- Is hosted on Citizen Space, the ONS's online survey hub
- Users can respond by:
 - Filling in the [online questionnaire](#)
 - Submitting a downloaded version of questionnaire, in English or Welsh, via email or post. This is available from the 'related links' section at the bottom of the [online questionnaire](#) homepage.

What we're asking

- We're asking you to feedback on the proposals we have published in our consultation document: [Census 2021 outputs: content design and release phase proposals](#)
- Our proposals, in both the consultation document and [online questionnaire](#), have been grouped into sections to help you find the topics you would like to consult on
 - Shape of the outputs and analysis release schedule
 - Main changes to variables compared to the 2011 Census
 - Proposals for potential new derived variables
 - Population-base specifications
 - Taking a census during a period of change
 - Paradata, information about how we collected the data
- The questions in each of these sections are optional.
You only need to respond to the questions of interest to you, not the entire questionnaire.

Additional resources

- We've also published two supporting documents, referenced throughout the consultation document and questionnaire
 - **Draft proposals for outputs data content**
This spreadsheet lists the datasets, variables and classifications we're proposing for Census 2021 standard outputs and those we plan to make available in the 'build-your-own' tables software
 - **Census 2021 analysis programme proposals**
This document outlines our proposals for Census 2021 analysis grouped by topic. Each proposal includes a description, the purpose of this research and an indication of the publication time frame
- Where mentioned in the online questionnaire, a link to each document has been provided. They are also available for download from the 'related links' section at the bottom of [online questionnaire](#) homepage

Demonstration of what the consultation looks like and how to complete it

<https://consultations.ons.gov.uk/external-affairs/census-2021-outputs-consultation>

Activities related to this consultation

13 July 2021:
census outputs
consultation live

July-September 2021:
Publish outputs updates
on ONS website



5 October 2021:
census outputs
consultation closes

February 2022:
Publish Census 2021
outputs prospectus

July-August:
consultation launch
webinars

January 2021: Publish
response to the census
outputs consultation

Spring 2022:
Release of initial
Census 2021 findings

Keep in touch

- Register for '2021 Census outputs' email updates on [GovDelivery](#), for information on consultations, webinars and latest news
- Learn more about specific products or release plans, on the [Census 2021 Outputs webpages](#)
- We are conducting user research to improve how people will be able to find, access and use our Census 2021 data products
- For more information or to volunteer to take part, contact us at: census.outputs@ons.gov.uk

Thank you

Any questions about the consultation?

Visit www.sli.do and enter code 129052

Thanks for joining us today.

If you have further questions about the consultation, please get in touch: 2021Census.Engagement@ons.gov.uk