

Compare age-sex estimates from Census 2021 to areas within England and Wales

Interactive tool to help local authorities compare age-sex estimates and comparator data from Census 2021 to other areas within England and Wales.

Contact:
Census Customer Services
census.customerservices@ons.
gov.uk
+44 1329 444972

Release date:
28 June 2022

Next release:
To be announced

Notice

4 November 2022

An updated version of this tool published on 3 November 2022 can be found in our [Measures showing the quality of Census 2021 estimates](#). Version two includes 2021 confidence intervals for each local authority in England and Wales.

The version of the tool published in June 2022 contains an error on worksheet W05. Comparator counts for females and males were switched for the following columns:

- ABPE v2 2020
- ABPE v3 2020
- Mid-year estimate 2020

This issue has been resolved in the updated tool.

Table of contents

1. [About the tool](#)
2. [Using the tool](#)
3. [Related links](#)

1 . About the tool

The Census 2021 local authority comparison tool is an Excel spreadsheet. It replicates the age-sex charts from the quality assurance (QA) assessment of each local authority (LA) in England and Wales.

An important part of the Census 2021 Quality Assurance process was the assessment of age-sex distributions in census population estimates. At the Office for National Statistics (ONS), we assessed these age-sex breakdowns against those created using administrative data sources and mid-year population estimates.

The tool also contains charts and information at the county and national levels. This means that you can compare data across England and Wales by:

- LA
- region
- county
- country

For each LA, the tool also gives:

- estimates of households occupied by usual residents
- response rates by age and sex
- the components of the estimation and adjustment process

Rounded data

The data in the tool are the same as rounded population estimates published in our [First results from the 2021 Census of England and Wales bulletin](#). This means all data in the tool are rounded to the nearest hundred. Please be aware that some table totals may not add up to expected values because of this rounding.

This tool includes data from other sources, which we used to quality assure census estimates. These data were subject to statistical disclosure control processes as agreed with data suppliers.

We also processed the data from other sources before using them in the QA process to ensure they were as consistent as possible with the census definitions.

2 . Using the tool

You can use the tool to access information from the age-sex charts for any local authority in England and Wales. You can also use it to print individual PDF reports for specific local authorities.

To find data for a local authority (LA), you must first choose an LA using a drop-down selection menu in the first tab of the tool.

Software you need

We have developed the tool to use functionality that Microsoft Excel 2016 and later versions provide. The tool may also work in other open source or free Excel alternatives.

3 . Related links

[First results from the 2021 Census of England and Wales](#)

Bulletin | Released 28 June 2022

Bulletin outlining the first results from Census 2021 for England and Wales.

[Quality and methodology information \(QMI\) for Census 2021](#)

QMI | Released 28 June 2022

Details the data strengths, limitations, uses, users and methods used for Census 2021, England and Wales.

[Maximising the quality of Census 2021 population estimates](#)

Methodology | Released 28 June 2022

How we maximised the quality of Census 2021 population estimates during the processing and quality assurance of the final statistics.