About this data: Mobile coverage UK and Nations

To create our [Connected Nations 2023 report](#), Ofcom collected and analysed data from the four mobile network operators (MNOs). This file provides mobile coverage information for the UK and Nations.

The data was collected as a snapshot in September 2023. The [Methodology Annex](#) provides details of our approach to collecting and analysing coverage data.

This file contains a subset of the September 2023 data points that are provided on page 13 of the Connected Nations 2023 Interactive report.

Due to variations in mobile performance over time, the file should not be regarded as a definitive and fixed view of the UK's mobile infrastructure. However, the information provided in this file may be useful in identifying variations in mobile performance by geography.

If you have any questions or feedback on the data, please contact us at open.data@ofcom.org.uk.

We are providing this data on an open basis via the [Open Government Licence](#), which gives users various freedoms about how they choose to use the data, subject to conditions.

The files are provided as a Comma Separated Values file, with double quote (") text delimiters where applicable.

Coverage availability

File name: mobile_coverage_UK_and_Nations_202309_r01.csv

Total records in file: 1 header row, 735 data rows

File size on disk: 51 KB

Column headers and what they represent:

Field	Description	Values
Location	UK or Nation	UK, England, Northern Ireland, Scotland, Wales
Technology		4G, 5G high confidence, 5G very high confidence
Coverage type		Premises (Outdoor), Premises (Indoor)[1], Geographic
Rurality		Total, Urban, Rural
MNO	The operator(s) providing coverage	At least one, All, None, EE, O2, Three, Vodafone
Coverage percentage	Percentage of premises or pixels covered	
Coverage volume	Number of premises or pixels covered	
Date		Sep-23

Note 1: Premises (Indoor) only for 4G