

# About this data – fixed coverage and full-fibre take-up

For our Connected Nations Spring 2026 publication, 52 fixed network and 18 fixed wireless access (FWA) providers<sup>1</sup> submitted data for all premises where an end-user could order a fixed broadband service on their network. The data was collected as a snapshot for January 2026.

We provide data files on fixed coverage for UK and nations, local and unitary authorities, Westminster parliamentary and devolved constituencies, census output areas and postcodes.

In addition, we provide a data file with take-up of full-fibre broadband for local and unitary authorities, using data from fixed network providers on their active full-fibre lines, i.e. connections that provide an active broadband service to residential or business customers, as per January 2026. For information on the take-up of full-fibre broadband for UK and nations, please see the summary tables.

Ofcom uses the [Ordnance Survey AddressBase®](#) Premium and Islands products to provide the base dataset used to assess broadband coverage for residential and commercial premises. For this snapshot Epoch 123 was used. The [Methodology annex to Connected Nations 2025](#) provides more details of the construction of the premise base and our approach to data collection and analysis.

If you have any questions or feedback on the data, please contact us at [cnatateam@ofcom.org.uk](mailto:cnatateam@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 Comma Separated Values files, with double quote (") text delimiters where applicable.

## Fixed coverage file for UK and nations

This file contains all data points for the latest snapshot provided on the page “Fixed Broadband: Time Tables” of the accompanying interactive report.

File name	Number of data rows	File size
202601_fixed_coverage_UK_and_nations_r1.csv	495	28 KB

### Column headers and what they represent:

Field	Values	Description
Location	UK, England, Northern Ireland, Scotland, Wales	
Premise type	All, Residential, Commercial	

<sup>1</sup> Section A2 of the [Methodology annex to Connected Nations 2025](#) lists most of the providers we requested information from for this update.

Field	Values	Description
<b>Rurality</b>	Total, Urban, Rural	
<b>Speed</b>	Premise Base, Unclassified, <2 Mbit/s, <10 Mbit/s DL or <1 Mbit/s UL, >=10 Mbit/s, >=24 Mbit/s, >=30 Mbit/s, >= 100 Mbit/s, >=300 Mbit/s, Full Fibre, Gigabit capable	
<b>% Premises</b>		Percentage of premises covered
<b>Premises</b>		Number of premises covered
<b>Date</b>	Jan-26	Date of snapshot (Mon-YY)

## Full fibre take-up for local and unitary authorities

The take-up is based on both residential and business full-fibre broadband connections.

File name	Number of data rows	File size
202601_full_fibre_take-up_laua_r1.csv	361	11 KB

### Column headers and what they represent:

Field	Description
<b>laua</b>	Local or unitary authority code, such as S12000033
<b>laua_name</b>	Local or unitary authority name
<b>Full-fibre take-up (% of full-fibre coverage)</b>	Take-up of broadband services on full-fibre networks as a percentage of all premises with full-fibre coverage as per January 2026 (Notes 1 and 2)
<b>Full-fibre take-up (% of all premises)</b>	Take-up of broadband services on full-fibre networks as a percentage of all premises in the local authority as per January 2026 (Note 1)

### Notes

1. The number of premises with full-fibre coverage and the total number of premises in the local authority as per January 2026 can be found in the accompanying data file on fixed coverage for local authorities (all premises).
2. For some local authorities, full-fibre take-up as a percentage of full-fibre coverage has decreased since our previous report. This reflects a greater increase in full-fibre coverage than in take-up, as the number of active full-fibre connections has increased in all these local authorities. When full fibre is rolled out, it may take a while before consumers become aware of availability or they may need to wait until their existing service contract ends before they can migrate to a new service (see e.g. Table 2.6 in the main Connected Nations 2025 report).

## Other fixed coverage files

We provide information on fixed-line broadband coverage and broadband availability from fixed wireless access (FWA) at five levels:

1. Local and unitary authority (laua)
2. Westminster parliamentary constituency (pcon)
3. Devolved constituency (devcon)
4. Census output area<sup>2</sup> (oa)
5. Postcode (pc)

At each level information is provided for all premises (residential and commercial) and for residential premises only.

Level	File name	Premises	Number of data rows	File size
<b>Local and unitary authority</b>	202601_fixed_laua_coverage_r1.csv	All	361	70 KB
	202601_fixed_laua_res_coverage_r1.csv	Residential	361	69 KB
<b>Westminster parliamentary constituency</b>	202601_fixed_pcon_coverage_r1.csv	All	650	124 KB
	202601_fixed_pcon_res_coverage_r1.csv	Residential	650	122 KB
<b>Devolved constituency</b>	202601_fixed_devcon_coverage_r1.csv	All	131	27 KB
	202601_fixed_devcon_res_coverage_r1.csv	Residential	131	27 KB
<b>Census output area</b>	202601_fixed_oa_coverage_r1.csv	All	238,878	26 MB
	202601_fixed_oa_res_coverage_r1.csv	Residential	238,850	26 MB
<b>Postcode</b>	121 files in the folder 'postcode_files', one for each postcode area defined by xx: 202601_fixed_postcode_coverage_r1_xx.csv	All	1,741,096	165 MB
	121 files in the folder 'postcode_res_files', one for each postcode area defined by xx: 202601_fixed_postcode_res_coverage_r1_xx.csv	Residential	1,606,191	151 MB

The table below provides a combined view of the fields in the different files. The second column shows in which files a field is present. The fields may be in a different order than the one shown below.

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<sup>2</sup> 2021 census for England, Northern Ireland and Wales, 2022 census for Scotland

For census output area and postcode, we report on gigabit-capable coverage but not on full-fibre coverage due to commercial confidentiality.

All coverage figures refer to fixed line broadband only except for the fields where FWA is explicitly mentioned in the description.

## Column headers and what they represent:

Field	In files (level)	Description
<b>laua</b>	laua	Local or unitary authority code, such as S12000033
<b>laua_name</b>	laua	Local or unitary authority name
<b>parl_const</b>	pcon	Westminster parliamentary constituency code, such as E14001592
<b>parl_const_name</b>	pcon	Westminster parliamentary constituency name
<b>devolved_const</b>	devcon	Devolved constituency code, such as W09000022
<b>devolved_const_name</b>	devcon	Devolved constituency name
<b>output_area</b>	oa	Census output area, such as N20003770
<b>postcode</b>	pc	Postcode with spaces removed, such as SE19HA
<b>postcode_space</b>	pc	Postcode with single space, such as SE1 9HA
<b>postcode area</b>	pc	Postcode area, such as SE
<b>All Premises</b>	all except pc	Count of all premises in scope for the location
<b>All Matched Premises</b>	all except pc	Count of all premises that could be matched to at least one fixed provider record with a non-zero predicted download speed. Unmatched premises are unclassified
<b>SFBB availability (% premises)</b>	all	Percentage of premises that have superfast broadband (30 Mbit/s or greater) coverage
<b>UFBB (100Mbit/s) availability (% premises)</b>	all	Percentage of premises that have ultrafast broadband (100 Mbit/s or greater) coverage
<b>UFBB availability (% premises)</b>	all	Percentage of premises that have ultrafast broadband (300 Mbit/s or greater) coverage

Field	In files (level)	Description
<b>Full Fibre availability (% premises)</b>	laua, pcon, devcon	Percentage of premises that have coverage from a full-fibre service
<b>Gigabit availability (% premises)</b>	all	Percentage of premises that have coverage from a gigabit-capable service
<b>Number of premises with SFBB availability</b>	all except pc	Number of premises that have superfast broadband (30 Mbit/s or greater) coverage
<b>Number of premises with UFBB (100Mbit/s) availability</b>	all except pc	Number of premises that have ultrafast broadband (100 Mbit/s or greater) coverage
<b>Number of premises with UFBB availability</b>	all except pc	Number of premises that have ultrafast broadband (300 Mbit/s or greater) coverage
<b>Number of premises with Full Fibre availability</b>	laua, pcon, devcon	Number of premises that have coverage from a full-fibre service
<b>Number of premises with Gigabit availability</b>	all except pc	Number of premises that have coverage from a gigabit-capable service
<b>% of premises unable to receive [X]Mbit/s</b>	all	Percentage of matched premises that do not have access to services above X Mbit/s, where X = 2, 5, 10 or 30
<b>% of premises unable to receive decent broadband from fixed or FWA</b>	all	Percentage of premises with no access to download speeds at or above 10 Mbit/s and upload speeds at or above 1 Mbit/s from fixed broadband or a Wireless Internet Service Provider (WISP) or Mobile FWA (including non-matched records and zero predicted speeds)
<b>% of premises with NGA</b>	all	Percentage of premises with Next Generation Access <sup>3</sup>
<b>% of premises able to receive decent broadband from FWA</b>	all	Percentage of premises that have access to decent broadband (at least 10 Mbit/s download and 1 Mbit/s upload speed) from a WISP

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<sup>3</sup> The EU uses the terminology “next-generation access” and defines it to be networks that consist wholly or in part of optical fibre cables that are capable of delivering broadband. Our analysis includes all active fixed-line connections except those delivered via ADSL (so including full fibre, HFC, VDSL and G.Fast).

Field	In files (level)	Description
<b>Number of premises unable to receive [X]Mbit/s</b>	all except pc	Number of matched premises that do not have access to services above X Mbit/s, where X = 2, 5, 10 or 30
<b>Number of premises unable to receive decent broadband from fixed or FWA</b>	all except pc	Number of premises that do not have access to download speeds at or above 10 Mbit/s and upload speeds at or above 1 Mbit/s from fixed broadband or a WISP or Mobile FWA (including non-matched records and zero predicted speeds)
<b>Number of premises with NGA</b>	all except pc	Number of premises with Next Generation Access
<b>Number of premises able to receive decent broadband from FWA</b>	all except pc	Number of premises that have access to decent broadband (at least 10 Mbit/s download and 1 Mbit/s upload speed) from a WISP
<b>% of premises with [X]&lt;[Y]Mbit/s download speed</b>	all	Percentage of premises that have access to a maximum download speed between X and Y Mbit/s, with (X, Y) = (0, 2), (2, 5), (5, 10), (10, 30) or (30, 300)
<b>% of premises with &gt;=300Mbit/s download speed</b>	all	Percentage of premises that have access to a maximum download speed of at least 300 Mbit/s
<b>Number of premises with [X]&lt;[Y]Mbit/s download speed</b>	all except pc	Number of premises that have access to a maximum download speed between X and Y Mbit/s, with (X, Y) = (0, 2), (2, 5), (5, 10), 10, 30) or (30, 300)
<b>Number of premises with &gt;=300Mbit/s download speed</b>	all except pc	Number of premises that have access to a maximum download speed of at least 300 Mbit/s