

## About this data: Fixed coverage, Postcode unit

To create our [Connected Nations 2021 report](#), Ofcom collected and analysed data from fixed telecoms operators. This file contains broadband availability that includes coverage information provided by alternative network providers. More information is available in [our methodology](#).

The coverage availability was collected as a snapshot in September 2021.

The definition for full fibre coverage has been changed. From Sept 2018 it represents where the network has been rolled out to a “lead-in” that will serve the consumer end premise and where the consumer would expect to pay a standard installation charge for that connection.

Gigabit capable coverage was introduced in the Connected Nations 2020 report, which includes all Full Fibre coverage, and all Coaxial coverage using Docsis 3.1 that has been identified as delivering download speeds up to 1 Gbit/s. However, due to commercial confidentiality, Full Fibre coverage has now been removed.

Due to changes in the collection of information from Wireless Internet Service Providers on Fixed Wireless Access (FWA) coverage, it is no longer possible to identify superfast coverage from FWA provision.

If you have any questions or feedback on the data please contact us at [open.data@ofcom.org.uk](mailto: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.

### Revision note

[14 Feb 2022] - A small number of postcodes was inadvertently excluded from the published data set (r01), with 722 postcodes missing from the all postcode data set and 638 postcodes missing from the residential postcode data set.

## Coverage availability

File name: 202109\_fixed\_pc\_coverage\_r02\_xx.csv where xx defines Postcode area

Total files in folder 'postcode\_files': 121 files, for each postcode area in the UK

Total records across all files: 1 header row, 1,691,517 data rows

File size: 156 MB

### Coverage availability for residential premises

File name: 202109\_fixed\_pc\_res\_coverage\_r02\_xx.csv where xx defines Postcode area

Total files in folder 'postcode\_res\_files': 121 files, for each postcode area in the UK

Total records across all files: 1 header row, 1,563,923 data rows

File size: 145 MB

### Column headers and what they represent:

Current headers	Note
<b>postcode</b>	Postcode with spaces removed, such as SE19HA
<b>postcode_space</b>	Postcode with single space, such as SE1 9HA
<b>postcode area</b>	Postcode area, such as SE
<b>% of premises with 30&lt;300Mbit/s download speed</b>	From fixed broadband
<b>% of premises with &gt;=300Mbit/s download speed</b>	From fixed broadband
<b>% of premises with 0&lt;2Mbit/s download speed</b>	From fixed broadband
<b>% of premises with 2&lt;5Mbit/s download speed</b>	From fixed broadband
<b>% of premises with 5&lt;10Mbit/s download speed</b>	From fixed broadband
<b>% of premises with 10&lt;30Mbit/s download speed</b>	From fixed broadband
<b>SFBB availability (% premises)</b>	Percentage of premises that have Superfast Broadband (30Mbit/s or greater) coverage from fixed broadband

<b>UFBB (100Mbit/s) availability (% premises)</b>	Percentage of premises that have Ultrafast Broadband (100Mbit/s or greater) coverage from fixed broadband
<b>UFBB availability (% premises)</b>	Percentage of premises that have Ultrafast Broadband (300Mbit/s or greater) coverage from fixed broadband
<b>% of premises unable to receive 2Mbit/s</b>	Percentage of premises that do not have access to services above 2Mbit/s from fixed broadband
<b>% of premises unable to receive 5Mbit/s</b>	Percentage of premises that do not have access to services above 5Mbit/s from fixed broadband
<b>% of premises unable to receive 10Mbit/s</b>	Percentage of premises that do not have access to services above 10Mbit/s from fixed broadband
<b>% of premises unable to receive 30Mbit/s</b>	Percentage of premises that do not have access to services above 30Mbit/s from fixed broadband
<b>Gigabit availability (% premises)</b>	Percentage of premises that have coverage from a Gigabit capable service from fixed broadband
<b>% of premises below the USO</b>	Percentage of premises that do not have access to download speeds at or above 10Mbit/s and upload speeds at or above 1Mbit/s including non-matched records and zero predicted speeds from fixed broadband, WISPs and Mobile FWA
<b>% of premises with NGA</b>	Percentage of premises with Next Generation Access from fixed broadband
<b>% of premises able to receive decent broadband from FWA</b>	Percentage of premises with Decent Broadband from WISPs