About this data: Fixed coverage, Postcode unit

To create our [Connected Nations 2023 report](#), Ofcom collected and analysed data from over 70 fixed network and fixed wireless access (FWA) providers. This file provides information on fixed broadband coverage and broadband availability from FWA at postcode level.

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

We report on gigabit-capable coverage but not on full-fibre coverage due to commercial confidentiality.

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

Coverage availability for all premises

File name: 202309_fixed_pc_coverage_r01_xx.csv where xx defines the postcode area

Total number of files in folder 'postcode_files': 121 files, for each postcode area in the UK

Total number of records across all files: 1 header row and 1,724,458 data rows

Folder size: 159 MB

Coverage availability for residential premises

File name: 202309_fixed_pc_coverage_res_r01_xx.csv where xx defines the postcode area

Total number of files in folder 'postcode_res_files': 121 files, for each postcode area in the UK

Total number of records across all files: 1 header row and 1,587,645 data rows

Folder size: 147 MB

Column headers and what they represent:

Field	Note
postcode	Postcode with spaces removed, such as SE19HA
postcode_space	Postcode with single space, such as SE1 9HA
postcode area	Postcode area, such as SE
% of premises with 30<300Mbit/s download speed	From fixed broadband
% of premises with >=300Mbit/s download speed	From fixed broadband
% of premises with 0<2Mbit/s download speed	From fixed broadband
% of premises with 2<5Mbit/s download speed	From fixed broadband
% of premises with 5<10Mbit/s download speed	From fixed broadband

Field	Note
% of premises with 10<30Mbit/s download speed	From fixed broadband
SFBB availability (% premises)	Percentage of premises that have Superfast Broadband (30Mbit/s or greater) coverage from fixed broadband
UFBB (100Mbit/s) availability (% premises)	Percentage of premises that have Ultrafast Broadband (100Mbit/s or greater) coverage from fixed broadband
UFBB availability (% premises)	Percentage of premises that have Ultrafast Broadband (300Mbit/s or greater) coverage from fixed broadband
% of premises unable to receive 2Mbit/s	Percentage of premises that do not have access to services above 2Mbit/s from fixed broadband
% of premises unable to receive 5Mbit/s	Percentage of premises that do not have access to services above 5Mbit/s from fixed broadband
% of premises unable to receive 10Mbit/s	Percentage of premises that do not have access to services above 10Mbit/s from fixed broadband
% of premises unable to receive 30Mbit/s	Percentage of premises that do not have access to services above 30Mbit/s from fixed broadband
Gigabit availability (% premises)	Percentage of premises that have coverage from a gigabit- capable service from fixed broadband
% of premises below the USO	Percentage of premises that do not have access to download speeds at or above 10Mbit/s and upload speeds at or above 1Mbit/s from fixed broadband or a Wireless Internet Service Provider (WISP) or Mobile FWA (including non-matched records and zero predicted speeds)
% of premises with NGA	Percentage of premises with Next Generation Access from fixed broadband
% of premises able to receive decent broadband from FWA	Percentage of premises that have access to Decent Broadband (at least 10Mbit/s download and 1Mbit/s upload speed) from a WISP