About this data: Fixed postcode unit

To create our Connected Nations Report (https://www.ofcom.org.uk/research-and-data/multi-sector-research/infrastructure-research/connected-nations-update-spring-2019) Ofcom collected and analysed data from fixed telecoms operators. This file contains broadband coverage availability and performance data from operators. The availability data also includes coverage information provided by alternative network providers. Further information can be found in the Connected Nations Methodology (https://www.ofcom.org.uk/research-and-data/multi-sector-research/infrastructure-research/connected-nations-2018/methodology).

The coverage availability was collected as a snapshot in Jan 2019. Coverage from Relish (owned by Three) has been excluded. New FWA provision has been included.

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.

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

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 (https://www.nationalarchives.gov.uk/doc/open-government-licence/version/3/) 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: 201901_fixed_pc_coverage_r01_xx.csv where xx defines Postcode area

Total files in folder 201901_fixed_pc_coverage_r01: 121 files, for each postcode area in the UK

Total records across all files: 1 header row, 1,627,029 data rows

File size on disk (compressed): 10.5 MB (11,059,200 bytes)

File size on disk: 106 MB (111,235,072 bytes)

Column headers and what they represent:

Current headers	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
SFBB availability (% premises)	Percentage of premises that have Superfast Broadband (30Mbit/s to less than 300Mbit/s) coverage
UFBB availability (% premises)	Percentage of premises that have Ultrafast Broadband (300Mbit/s or greater) coverage
Full Fibre availability (% premises)	Percentage of premises that have coverage from a full fibre service
% of premises unable to receive 2Mbit/s	Percentage of premises that do not have access to services above 2Mbit/s
% of premises unable to receive 5Mbit/s	Percentage of premises that do not have access to services above 5Mbit/s
% of premises unable to receive 10Mbit/s	Percentage of premises that do not have access to services above 10Mbit/s
% of premises unable to receive 30Mbit/s	Percentage of premises that do not have access to services above 30Mbit/s
% 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 including non-matched records and zero predicted speeds

Current headers	Note
% of premises able to receive decent broadband from FWA	Percentage of premises with Decent Broadband from Fixed Wireless Access provision
% of premises able to receive SFBB from FWA	Percentage of premises with Superfast Broadband (30Mbit/s or above) from Fixed Wireless Access provision
% of premises with NGA	Percentage of premises with Next Generation Access